



### **VALUE ADDED ICONS**

Throughout the following pages, look for these icons displayed with each Kärcher machine. Find out what makes our professional cleaning equipment some of the most innovative and sought after equipment in the industry.



Tested by a Nationally Recognized Testing Laboratory (NRTL) and meets safety standards.



International (Canadian Standards Association) tests and certifies electrical, mechanical, plumbing and gas of products.



Leadership in Energy and Environmental Design and is widely used green building rating system.



Most Kärcher pumps come with a 7-year warranty, wear parts excluded.



Economical and environmental mode for reducing energy consumption while still offering optimal cleaning performance.



National Association of Trailer Manufacturers that provides applicable Federal Motor Vehicle Safety Standards for members.



Puncture proof, flat free tires.



Trigger gun uses the recoil force of the high-pressure spray to reduce the hold force of the trigger to zero.



Electric start of motor for convenience of easier and faster start-up.a



Many Kärcher German machines can be operated using environmentally friendly biodiesel.



Quick lock screw connection for pressure washers and accessories.



Pressure and water flow regulation directly at the gun.



Easy Operation dial provides self-explanatory symbols to identify cleaning modes.



Automatically shuts down the motor and pump when the trigger gun is released.



Two-way dosing valve for switching between different detergents and for precise and variable cleaning agent dosing.



Lithium Ion battery offering a longer life than other batteries, consistent voltage, and energy charging savings.



FACT - Flexible Application Control Technology allows adjustment of brush speed for different applications.



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Find your equipment, detergents, parts and accessories.

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### **HDS UPRIGHT CLASS**



### Mobility at its finest.

This high-performance, robust upright machine offers outstanding maneuverability, easy transport and intuitive operation. Ideal for tradesmen, commercial use and contract cleaners.

















#### **Features**

- Effortless transport over landings or stairs and space saving storage
- Large, flat-free tires for unpaved surfaces
- Large fine mesh filter reliably protects against dirt particle damage
- Easy!Force gun with cruise control like technology uses its own recoil force to hold the trigger down – so no more sore hands after hours of use

### **TECHNICAL DATA**

| Model           | Part No.    | GPM | PSI  | Drive  | НР  | Electrical     | Amps | Pump          | Ship Weight (lbs) | (L x W x H)<br>Inches |  |
|-----------------|-------------|-----|------|--------|-----|----------------|------|---------------|-------------------|-----------------------|--|
| HDS 1.7/12 U Ed | 1.064-907.0 | 1.7 | 1200 | Direct | 2.3 | 110-120V / 1ph | 12.5 | Kärcher Axial | 178               | 28 x 28 x 46          |  |

### **ACCESSORIES**

|   | Order No.     | Description   |
|---|---------------|---|
| • | 4.118-005.0   | EASY!Force trigger gun (German model) - zero force required.                  |
| • | 4.112-006.0 ■ | 33" spray lance   |
| • | 6.110-034.0   | 33' high-pressure hose  |
| • | 4.117-027.0 ■ | Triple jet nozzle, 032  |
|   | 2.112-015.0   | Gutter cleaning lance   |
|   | 4.112-032.0 ■ | Underbody lance   |
|   | 6.110-051.0   | High-pressure hose, 33', 10m DN8, suitable for food industry, extension piece |
|   | 6.110-049.0   | Pipe cleaning hose  |
|   | 2.111-013.0   | FR 30 ME surface cleaner  |
|   | 2.111-011.0   | Surface cleaner FR 30   |
|   | 4.115-000.0   | Wet blasting attachment   |
|   | 4.113-003.0 ■ | Rotating washing brush natural fiber bristles                                 |
|   | 4.113-004.0   | Rotating washing brush nylon bristles   |
|   | 2.113-000.0   | Power nozzle 25° spray angle  |
|   | 4.114-019.0   | Dirtblaster Nozzle 035  |
|   | 4.637-033.0 ■ | Detergent injector for high pressure  |
|   | 2.115-000.0   | Quick coupling  |
|   | 2.115-001.0   | Plug nipple   |
|   | 4.112-000.0 ■ | 41" Spray lance   |

### **HDS COMPACT CLASS**



### It's all in the detail.

Kärcher's German-built electric hot water machines are the most advanced on the market, featuring Kärcher's patented axial pump integrated with a 2-pole motor for optimum efficiency. Kärcher's efficient and compact downdraft-fired burner uses far less fuel than standard heat exchangers. Units come standard with low-fuel shut-off, low-water protection, high-temperature shut-off, thermal overload protection, EASY!Force gun, and 50' hose. All units are certified ETL safety standards.





















#### **Features**

- eco!efficiency mode economical and environmentally friendly, even during longer periods of use, and this mode reduces fuel consumption and CO2 emissions by 20%
- Robust wheels and steering mechanism for maneuverability
- Large integrated handles in the chassis
- Integrated tilting aid for effortlessly negotiating obstacles such as steps and curves

### **TECHNICAL DATA**

| Model           | Part No.    | GPM | PSI  | Drive  | НР  | Electrical     | Amps | Pump          | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
|-----------------|-------------|-----|------|--------|-----|----------------|------|---------------|-------------------|--|--|
| HDS 2.3/12 C Ed | 1.272-901.0 | 2.3 | 1100 | Direct | 2.8 | 110-120V / 1ph | 18.5 | Kärcher Axial | 270               | 40 x 28 x 41                             |  |

#### **ACCESSORIES**

| Order No.     | Description  |
|---------------|--|
| 4.118-005.0 ■ | EASY!Force trigger gun (German model) - zero force required. |
| 4.112-000.0 ■ | 41" spray lance  |
| 6.110-030.0   | High pressure hose, 50', both sides Easy!Lock, ID 8          |
| 4.117-037.0 ■ | Triple jet nozzle, 050 (for machine 1.272-901.0)             |
| 4.111-041.0   | Adapter for Easy!Force trigger gun connection to 3/8" hose   |
|               |  |

■ Included □ Optional ■ Compatible with EASY!Lock

### **MOJAVE SERIES**







### Robust and innovative.

The Kärcher Mojave series is the perfect all-around machine for a variety of applications and target groups, including agriculture, automotive and transportation industries. The machines deliver the highest performance for best cleaning results - all combined in a robust package. The components include unique features in the market and combine it with high quality components engineered for a high product lifetime.













#### New, innovative, features and upgrades

- Standard auto start/stop
- Equipped with EASY!Force accessories, hour meter, status LED, crane hook, and other upgraded features
- Steam stage, Servo Control, and stainless steel side panels included on Premium units

#### **TECHNICAL DATA**

| Model                       | Part No.    | GРM | PSI  | Motor  | Electrical     | Amps | Steam<br>Mode | Pressure<br>Adjustment | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |
|-----------------------------|-------------|-----|------|--------|----------------|------|---------------|------------------------|----------------------|--|
| HDS 2.2/12 Ed Standard      | 1.109-151.0 | 2.2 | 1200 | 2-pole | 120V / 1ph     | 20   | No            | -                      | 397                  | 50 x 40 x 50                             |
| HDS 3.0/20-4 Ea/Eg Standard | 1.109-153.0 | 3.0 | 2000 | 4-pole | 208-230V / 1ph | 26   | No            | At unloader            | 507                  | 50 x 40 x 50                             |
| HDS 3.5/30-4 Ea Standard    | 1.109-155.0 | 3.5 | 3000 | 4-pole | 230V / 1ph     | 35   | No            | At unloader            | 507                  | 50 x 40 x 50                             |
| HDS 3.5/30 Eg Standard      | 1.109-154.0 | 3.5 | 3000 | 4-pole | 230V / 1ph     | 35   | No            | At unloader            | 550                  | 50 x 40 x 50                             |
| HDS 4.0/20 Eg Premium       | 1.109-156.0 | 4.0 | 2000 | 4-pole | 230V / 1ph     | 30   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 4.0/20-4 Ea Premium     | 1.109-157.0 | 4.0 | 2000 | 4-pole | 230V / 1ph     | 30   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 4.0/20-4 Eh/Eb Premium  | 1.109-158.0 | 4.0 | 2000 | 4-pole | 208-230V / 3ph | 24   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 4.0/20-4 Ec Premium     | 1.109-159.0 | 4.0 | 2000 | 4-pole | 460V / 3ph     | 12   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 4.0/30-4 Eh/Eb Premium  | 1.109-163.0 | 4.0 | 3000 | 4-pole | 208-230V / 3ph | 30   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 4.0/30-4 Ec Premium     | 1.109-164.0 | 4.0 | 3000 | 4-pole | 460V / 3ph     | 14   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 4.0/30-4 Ef Premium     | 1.109-165.0 | 4.0 | 3000 | 4-pole | 575V / 3ph     | 12   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 5.0/30-4 Eh/Eb Premium  | 1.109-166.0 | 5.0 | 3000 | 4-pole | 208-230V / 3ph | 34   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 5.0/30-4 Ec Premium     | 1.109-167.0 | 5.0 | 3000 | 4-pole | 460V / 3ph     | 16   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |
| HDS 5.0/30-4 Ef Premium     | 1.109-168.0 | 5.0 | 3000 | 4-pole | 575V / 3ph     | 13   | Yes           | Servo Control          | 550                  | 50 x 40 x 50                             |

### **ACCESSORIES**

|   | Order No.     | Description  |
|---|---------------|--|
| - | 4.118-005.0 ■ | EASY!Force trigger gun (German model) - zero force required                        |
| • | 4.112-000.0 ■ | 41" spray lance  |
| - | 6.110-029.0 ■ | 50' EASY!Lock Longlife hose with ANTI!Twist connection (included on premium units) |
| • | 6.110-030.0 ■ | 50' EASY!Lock hose with ANT!!Twist connection (included on standard units)         |
| - | 2.113-007.0 ■ | Power nozzle 25042 for HDS 3.0/20-4 Ea/Eg  |
| • | 2.113-021.0 ■ | Power nozzle 25040 for HDS 3.5/30-4 Ea   |
| - | 4.115-020.0 ■ | Power nozzle 25058 for HDS 4.0/20-4 Ea Premium                                     |
| • | 2.114-008.0 ■ | Steam nozzle (included on HDS 4.0/20-4 Ea)   |
| - | 4.118-008.0 ■ | Servo Control dial (included on HDS 4.0/20-4 Ea)                                   |
|   | 8.750-685.0   | 100' pivot reel  |
|   | 9.808-276.0   | Hose reel bracket kit (hose reel not included)                                     |

### **HDS SUPER CLASS**



### Full-size power.

Super class hot water pressure washers offer optimum cleaning performance, easy handling and the latest technology.



















#### **Features**

- Service switch offers a choice of five settings to suit local water hardness. This allows optimum metered quantities of anti-scaler and corrosion inhibitor to be added to the water supply, and prevents the buildup of lime scale on the heater coil. Operating data can be called up any time, allowing you to make continual adjustments
- Kärcher burner technology not only translates to more economical operation, but also makes our hot water pressure washers trendsetters in environmental protection thanks to their low emissions and highly efficient operation

| TFC | HN | CAI | DΔ | TΔ |
|-----|----|-----|----|----|

| Model            | Part No.    | GPM     | PSI      | Drive  | НР | Electrical     | Amps | Pump          | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
|------------------|-------------|---------|----------|--------|----|----------------|------|---------------|-------------------|--|--|
| HDS 5.0/30-4S Eb | 1.071-919.0 | 2.4-5.0 | 460-3000 | Direct | 11 | 208-240V / 3ph | 27   | Kärcher Axial | 516               | 51 x 32 x 45                             |  |
| HDS 5.0/30-4S Ec | 1.071-920.0 | 2.4-5.0 | 460-3000 | Direct | 11 | 460-480V / 3ph | 15   | Kärcher Axial | 516               | 51 x 32 x 45                             |  |

### **ACCESSORIES**

|   | Order No.     | Description  |
|---|---------------|--|
| • | 4.118-005.0 ■ | EASY!Force trigger gun (German model) - zero force required.                         |
| • | 4.112-000.0 ■ | 41" spray lance  |
| • | 6.110-029.0   | 50' EASY!Lock Longlife hose with ANT!!Twist connection                               |
| - | 2.113-012.0   | Power nozzle, 062  |
|   | 4.111-041.0   | Adapter for EASY!Force trigger gun connecting to 3/8" hose                           |
|   | 4.118-009.0 ■ | Servo control  |
|   | 8.750-685.0   | 100' pivot reel  |
|   | 8.921-775.0   | Hose reel bracket (complete with Easy!Lock adapter, street elbow and 6' jumper hose) |

■ Included □ Optional ■ Compatible with EASY!Lock

### **HDS SPECIAL CLASS**



### The zero emission specialist.

The emission-free HDS-E 3.3/25-4M Ec with electric heater is ideal where exhaust gases are undesirable or prohibited. Thanks to the unique type of heater insulation and Kärcher eco!efficiency mode, the HDS-E 3.3/25-4M Ec is efficient and eco-friendly. Models are certified to ETL safety standards.



















### **Features**

- eco!efficiency mode economical and environmentally friendly, even during longer periods of use
- Intuitive operation with large single-button selector dial

#### **TECHNICAL DATA**

| Model              | Part No.    | GРM     | PSI      | Drive  | НР  | Electrical | Amps | Pump          | Ship Weight<br>(lbs) | (L x W x H)<br>Inches |  |
|--------------------|-------------|---------|----------|--------|-----|------------|------|---------------|----------------------|-----------------------|--|
| HDS-E 3.3/25-4M Ec | 1.030-902.0 | 1.6-3.3 | 465-2520 | Direct | 7.5 | 460V / 3ph | 35   | Kärcher Axial | 290                  | 50 x 32 x 45          |  |
| HDS-E 3.3/25-4M Ef | 1.030-903.0 | 1.6-3.3 | 465-2520 | Direct | 7.5 | 575V / 3ph | 28   | Kärcher Axial | 352                  | 50 x 32 x 45          |  |

#### **ACCESSORIES**

| Order No.   | Description  |
|-------------|--|
| 4.118-005.0 | ■ EASY!Force trigger gun (German model) - zero force required.                       |
| 4.112-000.0 | 41" spray lance  |
| 6.110-030.0 | ■ 50' EASY!Lock Longlife hose with ANTI!Twist connection                             |
| 2.113-009.0 | Power nozzle, TR 25047   |
| 2.111-013.  | Surface cleaner, FR 30 ME  |
| 4.111-037.  | ■ Coupler  |
| 4.118-007.  | Servo Control  |
| 4.111-036.  | <ul> <li>Adapter for EASY!Lock lance connecting to M18 Dirtblaster nozzle</li> </ul> |
| 4.111-041.  | <ul> <li>Adapter for EASY!Lock gun connecting to 3/8" hose</li> </ul>                |
| 8.750-685.  | 100' pivot reel  |
| 8.921-775.  | Hose reel bracket (complete with Easy!Lock adapter, street elbow and 6' jumper hose) |

■ Included □ Optional ■ Compatible with EASY!Lock

### **HDS CABINET**







### Cleaning technology for indoors.

This Kärcher all-electric hot water pressure washer introduces hot-water tank technology to deliver hot water on demand ideal for indoor cleaning. Water is heated by flowing through a coil inside an 80-gallon water tank. Heating elements generate 138,000 BTU to produce hot water of up to 180°F. All models are certified to ETL safety standards.







#### **Features**

- Heavy-duty, steel cabinets are protected by an epoxy powder coat finish; upper cabinet ventilated for cool operation
- Thermal pump saver valve prevents damage by venting recirculated water
- Low-water flow switch prevents damage to heating elements due to lack of water
- Easy-to-attach detergent injector and three quick couplers nozzles
- Auto start function allows unit to be turned on with pull of the trigger
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down - so, no more sore hands after hours of use

### **TECHNICAL DATA**

| Model           | Part No.    | GPM | PSI  | Drive | НР  | Electrical | Amps | Pump       | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |
|-----------------|-------------|-----|------|-------|-----|------------|------|------------|----------------------|--|
| HDS 4.0/20 E Ec | 1.109-075.0 | 4.2 | 2000 | Belt  | 6.2 | 460V / 3ph | 55   | Kärcher KM | 640                  | 32 x 24 x 52                             |
| HDS 4.0/30 E Ec | 1.109-076.0 | 3.5 | 3000 | Belt  | 7.5 | 460V / 3ph | 59   | Kärcher KM | 640                  | 32 x 24 x 52                             |
| HDS 4.0/20 E Ef | 1.109-956.0 | 3.5 | 2000 | Belt  | 5   | 575V / 3ph | 46   | Kärcher KM | 620                  | 34 x 25 x 52                             |
| HDS 4.0/30 E Ef | 1.109-957.0 | 3.5 | 3000 | Belt  | 7.5 | 575V / 3ph | 49   | Kärcher KM | 640                  | 34 x 25 x 52                             |

### **ACCESSORIES**

|   | Order No.     | Description   |  |
|---|---------------|---|--|
| • | 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |  |

#### **OPTIONS (FACTORY INSTALLED)**

| Order No.   | Description  |  |
|-------------|--|--|
| 8.925-520.0 | Time delay shutdown (replaces auto start-stop) (only for 460V units) |  |
| 9.801-002.0 | Pressure washer stainless steel cabinet (only for 460V units)        |  |

■ Included □ Optional ■ Please Note: NOT compatible with EASY!Lock

### **SECHURA SERIES**



### High cleaning performance.

The North American Kärcher HDS natural gas and LP-heated cabinet pressure washer delivers up to 9.5 gpm at 3000 psi of industrial power. Built in the U.S.A., each model is constructed with anodized structural rivets, industrial motors and Kärcher pumps that are backed by a 7-year warranty.











#### **Features**

- All-access cabinet design with six lift out panels and easy lock fasteners provides easy access to components for maintenance in tight situations
- Swing-out cast iron burner ring with separate "stay-in-place" ignition pilot light allows easy access and removal of the burner ring
- Improved "Stay-Tite" belt tensioning system maintains belt tension on the pump with a torsion bar for precise tension adjustment
- The heating coil is made of leak-free, cold rolled, schedule 80 steel pipe and is wrapped with a thick foil blanket insulation that keeps cabinet walls cool to the touch
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

|  | SO |  |
|--|----|--|
|  |    |  |
|  |    |  |

| Order No.   | Description   |
|-------------|---|
| 4.118-005.0 | EASY!Force trigger gun (German model) - zero force required.  |
| 8.917-509.0 | Kit, wireless remote pump/burner/detergent  |
| 8.921-832.0 | Wireless hand-held transmitter  |
| 8.917-817.0 | Kit, wall bracket wireless transmitter  |
| 8.921-774.0 | NG kit, wired remote station - pump and burner (note: cord length is 20 ft)   |
| 8.921-773.0 | NG kit, wired remote detergent  |
| 8.922-157.0 | Remote control box (wired) (Pump / burner switch Included, add 8.921-773.0 for detergent switch). For additional remote only. |
| 8.917-507.0 | Snap-N-Go Auto Start/Stop Kit w/ Lock Out (no remote, or wireless remote)   |
| 9.807-646.0 | Snap-N-Go Auto Start/Stop Kit w/o Lock Out (wired remote, requires 8.921-774.0)   |
| 8.917-508.0 | Snap-N-Go Time Delay Kit  |
| 8.921-776.0 | Kit, steam combo  |
| 9.801-040.0 | Draft diverter, 10", up to 5 gpm  |
| 8.717-730.0 | Draft diverter, 12", over 5 gpm   |
| 8.753-474.0 | Draft damper, 10"   |
| 8.753-478.0 | Draft damper, 12"   |
| 8.753-706.0 | Reducer, stack 12" to 10"   |
| 8.753-707.0 | Reducer, stack 10" to 8"  |
| 8.923-213.0 | Outlet relocator  |

■ Included  $\ \square$  Optional  $\ \blacksquare$  Compatible with EASY!Lock

## **SECHURA - NG**

| TECHNICAL DATA      |               |         |          |       |     |            |      |                |                      |        |                       |
|---------------------|---------------|---------|----------|-------|-----|------------|------|----------------|----------------------|--------|-----------------------|
| TECHNICAL DATA      |               |         |          |       |     |            |      |                |                      |        | Ship Dimensions       |
| Model               | Part No.      | GPM     | PSI      | Drive | НР  | Electrical | Amps | Pump           | Ship Weight<br>(lbs) | BTU    | (L x W x H)<br>Inches |
| Natural Gas-Heated  | 3.5-5.0 GPM M | edium C | abinet D | esign |     |            | -    | -              |                      |        |                       |
| HDS 3.5/20 Ea ST NG | 1.109-715.0   | 3.5     | 2000     | Belt  | 5   | 230V / 1ph | 25   | KD4020R / 1350 | 815                  | 320000 | 49 x 24 x 48          |
| HDS 4.0/22 Ea ST NG | 1.109-716.0   | 4       | 2200     | Belt  | 6.2 | 230V / 1ph | 29   | KM4035R / 1250 | 843                  | 364000 | 49 x 24 x 48          |
| HDS 4.0/22 Eb ST NG | 1.109-717.0   | 4       | 2200     | Belt  | 6.2 | 230V / 3ph | 16   | KM4035R / 1250 | 843                  | 364000 | 49 x 24 x 48          |
| HDS 4.0/22 Ec ST NG | 1.109-718.0   | 4       | 2200     | Belt  | 6.2 | 460V / 3ph | 7    | KM4035R / 1250 | 843                  | 364000 | 49 x 24 x 48          |
| HDS 4.0/22 Ef ST NG | 1.109-719.0   | 4       | 2200     | Belt  | 6.2 | 575V / 3ph | 6.5  | KM4035R / 1250 | 843                  | 364000 | 49 x 24 x 48          |
| HDS 4.0/22 Eg ST NG | 1.109-720.0   | 4       | 2200     | Belt  | 6.2 | 208V / 1ph | 30   | KM4035R / 1250 | 843                  | 364000 | 49 x 24 x 48          |
| HDS 4.0/22 Eh ST NG | 1.109-721.0   | 4       | 2200     | Belt  | 6.2 | 208V / 3ph | 18   | KM4035R / 1250 | 843                  | 364000 | 49 x 24 x 48          |
| HDS 3.9/30 Ea ST NG | 1.109-723.0   | 3.9     | 3000     | Belt  | 8.2 | 230V / 1ph | 36   | KM4035R / 1225 | 856                  | 354000 | 49 x 24 x 48          |
| HDS 3.9/30 Eb ST NG | 1.109-724.0   | 3.9     | 3000     | Belt  | 8.2 | 230V / 3ph | 25   | KM4035R / 1225 | 856                  | 354000 | 49 x 24 x 48          |
| HDS 3.9/30 Ec ST NG | 1.109-725.0   | 3.9     | 3000     | Belt  | 8.2 | 460V / 3ph | 11   | KM4035R / 1225 | 856                  | 354000 | 49 x 24 x 48          |
| HDS 3.9/30 Ef ST NG | 1.109-726.0   | 3.9     | 3000     | Belt  | 8.2 | 575V / 3ph | 14   | KM4035R / 1225 | 856                  | 354000 | 49 x 24 x 48          |
| HDS 3.9/30 Eg ST NG | 1.109-727.0   | 3.9     | 3000     | Belt  | 8.2 | 208V / 1ph | 38   | KM4035R / 1225 | 856                  | 354000 | 49 x 24 x 48          |
| HDS 3.9/30 Eh ST NG | 1.109-728.0   | 3.9     | 3000     | Belt  | 8.2 | 208V / 3ph | 27   | KM4035R / 1225 | 856                  | 354000 | 49 x 24 x 48          |
| HDS 5.0/23 Ea ST NG | 1.109-730.0   | 5.0     | 2300     | Belt  | 8.2 | 230V / 1ph | 36   | KT6035R / 1225 | 856                  | 439000 | 49 x 24 x 48          |
| HDS 5.0/23 Eb ST NG | 1.109-731.0   | 5.0     | 2300     | Belt  | 8.2 | 230V / 3ph | 25   | KT6035R / 1225 | 856                  | 439000 | 49 x 24 x 48          |
| HDS 5.0/23 Ec ST NG | 1.109-732.0   | 5.0     | 2300     | Belt  | 8.2 | 460V / 3ph | 11   | KT6035R / 1225 | 856                  | 439000 | 49 x 24 x 48          |
| HDS 5.0/23 Ef ST NG | 1.109-733.0   | 5.0     | 2300     | Belt  | 8.2 | 575V / 3ph | 14   | KT6035R / 1225 | 856                  | 439000 | 49 x 24 x 48          |
| HDS 5.0/23 Eg ST NG | 1.109-734.0   | 5.0     | 2300     | Belt  | 8.2 | 208V / 1ph | 38   | KT6035R / 1225 | 856                  | 439000 | 49 x 24 x 48          |
| HDS 5.0/23 Eh ST NG | 1.109-735.0   | 5.0     | 2300     | Belt  | 8.2 | 208V / 3ph | 27   | KT6035R / 1225 | 856                  | 439000 | 49 x 24 x 48          |
| HDS 4.8/30 Ea ST NG | 1.109-736.0   | 4.8     | 3000     | Belt  | 10  | 230V / 1ph | 42   | KT6035R / 1225 | 885                  | 415000 | 49 x 24 x 48          |
| HDS 4.8/30 Eb ST NG | 1.109-737.0   | 4.8     | 3000     | Belt  | 10  | 230V / 3ph | 26   | KT6035R / 1225 | 885                  | 415000 | 49 x 24 x 48          |
| HDS 4.8/30 Ec ST NG | 1.109-738.0   | 4.8     | 3000     | Belt  | 10  | 460V / 3ph | 15   | KT6035R / 1225 | 885                  | 415000 | 49 x 24 x 48          |
| HDS 4.8/30 Ef ST NG | 1.109-739.0   | 4.8     | 3000     | Belt  | 10  | 575V / 3ph | 14   | KT6035R / 1225 | 885                  | 415000 | 49 x 24 x 48          |
| HDS 4.8/30 Eg ST NG | 1.109-740.0   | 4.8     | 3000     | Belt  | 10  | 208V / 1ph | 49   | KT6035R / 1225 | 885                  | 415000 | 49 x 24 x 48          |
| HDS 4.8/30 Eh ST NG | 1.109-741.0   | 4.8     | 3000     | Belt  | 10  | 208V / 3ph | 32   | KT6035R / 1225 | 885                  | 415000 | 49 x 24 x 48          |

| TECHNICAL DATA      |               |          |           |       |    |            |      |                |                         |        |  |
|---------------------|---------------|----------|-----------|-------|----|------------|------|----------------|-------------------------|--------|--|
| Model               | Part No.      | GРM      | PSI       | Drive | НР | Electrical | Amps | Pump           | Ship<br>Weight<br>(lbs) | BTU    | Ship Dimensions<br>(L x W x H)<br>Inches |
| Natural Gas-Heated  | 6.3+ GPM Larg | e Cabine | et Desigr | 1     |    |            |      |                |                         |        |  |
| HDS 6.3/32 Eb ST NG | 1.109-744.0   | 6.3      | 3200      | Belt  | 15 | 230V / 3ph | 39   | KT6035R / 1625 | 1825                    | 507000 | 64 x 35 x 61                             |
| HDS 6.3/32 Ec ST NG | 1.109-745.0   | 6.3      | 3200      | Belt  | 15 | 460V / 3ph | 19   | KT6035R / 1625 | 1825                    | 507000 | 64 x 35 x 61                             |
| HDS 6.3/32 Ef ST NG | 1.109-746.0   | 6.3      | 3200      | Belt  | 15 | 575V / 3ph | 18   | KT6035R / 1625 | 1825                    | 507000 | 64 x 35 x 61                             |
| HDS 6.3/32 Eh ST NG | 1.109-747.0   | 6.3      | 3200      | Belt  | 15 | 208V / 3ph | 39   | KT6035R / 1625 | 1825                    | 507000 | 64 x 35 x 61                             |
| HDS 8.0/32 Eb ST NG | 1.109-748.0   | 8.0      | 3200      | Belt  | 20 | 230V / 3ph | 46   | KX9536R / 1458 | 1840                    | 658000 | 64 x 35 x 61                             |
| HDS 8.0/32 Ec ST NG | 1.109-749.0   | 8.0      | 3200      | Belt  | 20 | 460V / 3ph | 26   | KX9536R / 1458 | 1840                    | 658000 | 64 x 35 x 61                             |
| HDS 8.0/32 Ef ST NG | 1.109-750.0   | 8.0      | 3200      | Belt  | 20 | 575V / 3ph | 21   | KX9536R / 1458 | 1840                    | 658000 | 64 x 35 x 61                             |
| HDS 8.0/32 Eh ST NG | 1.109-751.0   | 8.0      | 3200      | Belt  | 20 | 208V / 3ph | 60   | KX9536R / 1458 | 1840                    | 658000 | 64 x 35 x 61                             |
| HDS 9.5/30 Eb ST NG | 1.109-752.0   | 9.5      | 3000      | Belt  | 20 | 230V / 3ph | 52   | KX1036R / 1650 | 1910                    | 816000 | 64 x 35 x 61                             |
| HDS 9.5/30 Ec ST NG | 1.109-753.0   | 9.5      | 3000      | Belt  | 20 | 460V / 3ph | 26   | KX1036R / 1650 | 1910                    | 816000 | 64 x 35 x 61                             |
| HDS 9.5/30 Ef ST NG | 1.109-754.0   | 9.5      | 3000      | Belt  | 20 | 575V / 3ph | 21   | KX1036R / 1650 | 1910                    | 816000 | 64 x 35 x 61                             |
| HDS 9.5/30 Eh ST NG | 1.109-755.0   | 9.5      | 3000      | Belt  | 20 | 208V / 3ph | 60   | KX1036R / 1650 | 1910                    | 816000 | 64 x 35 x 61                             |

## **SECHURA - LP**

| TECHNICAL DATA      |                |         |          |       |     |            |      |                 |                   |        |  |
|---------------------|----------------|---------|----------|-------|-----|------------|------|-----------------|-------------------|--------|--|
| Model               | Part No.       | GРM     | PSI      | Drive | НР  | Electrical | Amps | Pump            | Ship Weight (lbs) | вти    | Ship Dimensions<br>(L x W x H)<br>Inches |
| LP Gas-Heated 3.5-  | 5.0 GPM Mediui | m Cabin | et Desig | n     |     |            |      |                 |                   |        |  |
| HDS 3.5/20 Ea ST LP | 1.109-756.0    | 3.5     | 2000     | Belt  | 5   | 230V / 1ph | 25   | KD4020R / 1350h | 815               | 320000 | 49 x 24 x 48                             |
| HDS 4.0/22 Ea ST LP | 1.109-757.0    | 4       | 2200     | Belt  | 6.2 | 230V / 1ph | 29   | KM4035R / 1250  | 843               | 364000 | 49 x 24 x 48                             |
| HDS 4.0/22 Eb ST LP | 1.109-758.0    | 4       | 2200     | Belt  | 6.2 | 230V / 3ph | 16   | KM4035R / 1250  | 843               | 364000 | 49 x 24 x 48                             |
| HDS 4.0/22 Ec ST LP | 1.109-759.0    | 4       | 2200     | Belt  | 6.2 | 460V / 3ph | 7    | KM4035R / 1250  | 843               | 364000 | 49 x 24 x 48                             |
| HDS 4.0/22 Ef ST LP | 1.109-760.0    | 4       | 2200     | Belt  | 6.2 | 575V / 3ph | 6.5  | KM4035R / 1250  | 843               | 364000 | 49 x 24 x 48                             |
| HDS 4.0/22 Eg ST LP | 1.109-761.0    | 4       | 2200     | Belt  | 6.2 | 208V / 1ph | 30   | KM4035R / 1250  | 843               | 364000 | 49 x 24 x 48                             |
| HDS 4.0/22 Eh ST LP | 1.109-762.0    | 4       | 2200     | Belt  | 6.2 | 208V / 3ph | 18   | KM4035R / 1250  | 843               | 364000 | 49 x 24 x 48                             |
| HDS 3.9/30 Ea ST LP | 1.109-764.0    | 3.9     | 3000     | Belt  | 8.2 | 230V / 1ph | 36   | KM4035R / 1225  | 856               | 354000 | 49 x 24 x 48                             |
| HDS 3.9/30 Eb ST LP | 1.109-765.0    | 3.9     | 3000     | Belt  | 8.2 | 230V / 3ph | 25   | KM4035R / 1225  | 856               | 354000 | 49 x 24 x 48                             |
| HDS 3.9/30 Ec ST LP | 1.109-766.0    | 3.9     | 3000     | Belt  | 8.2 | 460V / 3ph | 11   | KM4035R / 1225  | 856               | 354000 | 49 x 24 x 48                             |
| HDS 3.9/30 Ef ST LP | 1.109-767.0    | 3.9     | 3000     | Belt  | 8.2 | 575V / 3ph | 14   | KM4035R / 1225  | 856               | 354000 | 49 x 24 x 48                             |
| HDS 3.9/30 Eg ST LP | 1.109-768.0    | 3.9     | 3000     | Belt  | 8.2 | 208V / 1ph | 38   | KM4035R / 1225  | 856               | 354000 | 49 x 24 x 48                             |
| HDS 3.9/30 Eh ST LP | 1.109-769.0    | 3.9     | 3000     | Belt  | 8.2 | 208V / 3ph | 27   | KM4035R / 1225  | 856               | 354000 | 49 x 24 x 48                             |
| HDS 5.0/23 Ea ST LP | 1.109-771.0    | 5.0     | 2300     | Belt  | 8.2 | 230V / 1ph | 36   | KT6035R / 1225  | 856               | 439000 | 49 x 24 x 48                             |
| HDS 5.0/23 Eb ST LP | 1.109-772.0    | 5.0     | 2300     | Belt  | 8.2 | 230V / 3ph | 25   | KT6035R / 1225  | 856               | 439000 | 49 x 24 x 48                             |
| HDS 5.0/23 Ec ST LP | 1.109-773.0    | 5.0     | 2300     | Belt  | 8.2 | 460V / 3ph | 11   | KT6035R / 1225  | 856               | 439000 | 49 x 24 x 48                             |
| HDS 5.0/23 Ef ST LP | 1.109-774.0    | 5.0     | 2300     | Belt  | 8.2 | 575V / 3ph | 14   | KT6035R / 1225  | 856               | 439000 | 49 x 24 x 48                             |
| HDS 5.0/23 Eg ST LP | 1.109-775.0    | 5.0     | 2300     | Belt  | 8.2 | 208V / 1ph | 38   | KT6035R / 1225  | 856               | 439000 | 49 x 24 x 48                             |
| HDS 5.0/23 Eh ST LP | 1.109-776.0    | 5.0     | 2300     | Belt  | 8.2 | 208V / 3ph | 27   | KT6035R / 1225  | 856               | 439000 | 49 x 24 x 48                             |
| HDS 4.8/30 Ea ST LP | 1.109-777.0    | 4.8     | 3000     | Belt  | 10  | 230V / 1ph | 42   | KT6035R / 1225  | 885               | 415000 | 49 x 24 x 48                             |
| HDS 4.8/30 Eb ST LP | 1.109-778.0    | 4.8     | 3000     | Belt  | 10  | 230V / 3ph | 26   | KT6035R / 1225  | 885               | 415000 | 49 x 24 x 48                             |
| HDS 4.8/30 Ec ST LP | 1.109-779.0    | 4.8     | 3000     | Belt  | 10  | 460V / 3ph | 15   | KT6035R / 1225  | 885               | 415000 | 49 x 24 x 48                             |
| HDS 4.8/30 Ef ST LP | 1.109-780.0    | 4.8     | 3000     | Belt  | 10  | 575V / 3ph | 14   | KT6035R / 1225  | 885               | 415000 | 49 x 24 x 48                             |
| HDS 4.8/30 Eg ST LP | 1.109-781.0    | 4.8     | 3000     | Belt  | 10  | 208V / 1ph | 49   | KT6035R / 1225  | 885               | 415000 | 49 x 24 x 48                             |
| HDS 4.8/30 Eh ST LP | 1.109-782.0    | 4.8     | 3000     | Belt  | 10  | 208V / 3ph | 32   | KT6035R / 1225  | 885               | 415000 | 49 x 24 x 48                             |

| TECHNICAL DATA      |               |         |           |       |    |            |      |                |                      |        |                                       |
|---------------------|---------------|---------|-----------|-------|----|------------|------|----------------|----------------------|--------|---------------------------------------|
| Model               | Part No.      | GPM     | PSI       | Drive | НР | Electrical | Amps | Pump           | Ship Weight<br>(lbs) | вти    | Ship Dimensions<br>(L x W x H) Inches |
| Natural Gas-Heated  | 6.3+ GPM Larg | e Cabin | et Desigi | 1     |    |            |      |                |                      |        |                                       |
| HDS 6.3/32 Eb ST LP | 1.109-785.0   | 6.3     | 3200      | Belt  | 15 | 230V / 3ph | 39   | KT6035R / 1625 | 1825                 | 507000 | 64 x 35 x 61                          |
| HDS 6.3/32 Ec ST LP | 1.109-786.0   | 6.3     | 3200      | Belt  | 15 | 460V / 3ph | 19   | KT6035R / 1625 | 1825                 | 507000 | 64 x 35 x 61                          |
| HDS 6.3/32 Ef ST LP | 1.109-787.0   | 6.3     | 3200      | Belt  | 15 | 575V / 3ph | 18   | KT6035R / 1625 | 1825                 | 507000 | 64 x 35 x 61                          |
| HDS 6.3/32 Eh ST LP | 1.109-788.0   | 6.3     | 3200      | Belt  | 15 | 208V / 3ph | 39   | KT6035R / 1625 | 1825                 | 507000 | 64 x 35 x 61                          |
| HDS 8.0/32 Eb ST LP | 1.109-789.0   | 8.0     | 3200      | Belt  | 20 | 230V / 3ph | 46   | KX9536R / 1458 | 1840                 | 658000 | 64 x 35 x 61                          |
| HDS 8.0/32 Ec ST LP | 1.109-790.0   | 8.0     | 3200      | Belt  | 20 | 460V / 3ph | 26   | KX9536R / 1458 | 1840                 | 658000 | 64 x 35 x 61                          |
| HDS 8.0/32 Ef ST LP | 1.109-791.0   | 8.0     | 3200      | Belt  | 20 | 575V / 3ph | 21   | KX9536R / 1458 | 1840                 | 658000 | 64 x 35 x 61                          |
| HDS 8.0/32 Eh ST LP | 1.109-792.0   | 8.0     | 3200      | Belt  | 20 | 208V / 3ph | 60   | KX9536R / 1458 | 1840                 | 658000 | 64 x 35 x 61                          |
| HDS 9.5/30 Eb ST LP | 1.109-793.0   | 9.5     | 3000      | Belt  | 20 | 230V / 3ph | 52   | KX1036R / 1650 | 1910                 | 775000 | 64 x 35 x 61                          |
| HDS 9.5/30 Ec ST LP | 1.109-794.0   | 9.5     | 3000      | Belt  | 20 | 460V / 3ph | 26   | KX1036R / 1650 | 1910                 | 775000 | 64 x 35 x 61                          |
| HDS 9.5/30 Ef ST LP | 1.109-795.0   | 9.5     | 3000      | Belt  | 20 | 575V / 3ph | 21   | KX1036R / 1650 | 1910                 | 775000 | 64 x 35 x 61                          |
| HDS 9.5/30 Eh ST LP | 1.109-796.0   | 9.5     | 3000      | Belt  | 20 | 208V / 3ph | 60   | KX1036R / 1650 | 1910                 | 775000 | 64 x 35 x 61                          |

### **HDS VHP**



### For dirt and grime indoors and out.

Looking for a heavy-duty pressure washer that can handle the dirt and grime indoors and out? Then the versatile HDS VHP is the right machine for the task. Available in both 120V and 230V configurations, this hot water pressure washer features cleaning power up to 2.5 GPM and 2000 PSI. And, since the HDS VHP is built with tubed pneumatic tires, this heavy-duty series delivers power wherever the job takes you. It is designed for vapor type propane only.











#### **Features**

- Belt-driven Kärcher pump with a 7-year warranty
- Four tubed pneumatic tires provide excellent maneuverability
- Extra-durable heating coil is made of leak-free, cold-rolled steel pipe and features a 5-year warranty
- Features a rugged 10 gauge steel chassis with polyester powder coat finish
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

#### TECHNICAL DATA

| Model           | Part No.    | GРM | PSI  | НР | Electrical | Amps | Pump<br>RPM | Pump    | вти     | Ship<br>Weight<br>(lbs) | Ship Dimensions<br>(L x W x H) Inches |
|-----------------|-------------|-----|------|----|------------|------|-------------|---------|---------|-------------------------|---------------------------------------|
| HDS VHP2-15024D | 1.109-556.0 | 1.8 | 1500 | 2  | 120V / 1ph | 17   | 1100        | KP3030R | 140,000 | 470                     | 50" x 26" x 41"                       |
| HDS VHP3-20024A | 1.109-557.0 | 2.5 | 2000 | 5  | 230V / 1ph | 20   | 1375        | KP3030R | 245,000 | 500                     | 50" x 26" x 41"                       |

#### **ACCESSORIES**

|   | Order No.     | Description   |  |
|---|---------------|---|--|
| - | 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |  |

### **OPTIONS (FACTORY INSTALLED)**

| Order No.   | Description  |
|-------------|--|
| 8.903-538.0 | Stainless-steel motor cover  |
| 8.903-501.0 | Electronic ignition (convenience in lighting pilot) for 120V machine |
| 8.925-856.0 | Electronic ignition (convenience in lighting pilot) for 230V machine |

■ Included □ Optional ■ Please Note: NOT compatible with EASY!Lock

## **HDS P / PE CAGE**



### **Outstanding on all terrains.**

Built on a rugged 1-1/4" powder coated steel frame, these compact gas roll cage models are designed for construction sites, farms and factories. The different models deliver hot water cleaning of up to 3500 PSI. Each features a Kärcher pump with limited 7-year warranty, industrial-grade motor and flat-free tires.





















#### **Features**

- Flat-free tires
- 7-year pump warranty
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down - so, no more sore hands after hours of use

### **TECHNICAL DATA**

| Model              | Part No.    | GРM | PSI  | Drive  | сс  | Engine       | Start    | Pump       | Burner | CARB* | Ship<br>Weight<br>(lbs) | sions<br>(L x W x H)<br>Inches |  |
|--------------------|-------------|-----|------|--------|-----|--------------|----------|------------|--------|-------|-------------------------|--------------------------------|--|
| HDS 2.8/25 P Cage  | 1.575-555.0 | 2.7 | 2400 | Direct | 196 | Honda GX200  | Recoil   | Kärcher KG | 12V DC | No    | 406                     | 50 x 40 x 50                   |  |
| HDS 2.6/30 P Cage  | 1.575-550.0 | 3.0 | 3000 | Direct | 270 | Honda GX270  | Recoil   | Kärcher KP | 12V DC | No    | 500                     | 50 x 40 x 58                   |  |
| HDS 3.5/30 P Cage  | 1.575-551.0 | 3.5 | 3000 | Direct | 337 | Honda GX340  | Recoil   | Kärcher KS | 12V DC | No    | 550                     | 50 x 40 x 58                   |  |
| HDS 3.5/30 Pe Cage | 1.575-552.0 | 3.5 | 3000 | Direct | 337 | Honda GX340  | Electric | Kärcher KS | 12V DC | No    | 560                     | 50 x 40 x 58                   |  |
| HDS 3.5/35 Pe Cage | 1.575-553.0 | 3.5 | 3500 | Direct | 389 | Honda GX390  | Electric | Kärcher KS | 12V DC | No    | 595                     | 50 x 40 x 58                   |  |
| HDS 3.5/35 Pe Cage | 1.110-085.0 | 3.5 | 3500 | Direct | 389 | Vanguard 400 | Electric | Kärcher KS | 12V DC | Yes   | 595                     | 50 x 40 x 58                   |  |

#### **ACCESSORIES**

|   | Order No.     | Description   |  |
|---|---------------|---|--|
| - | 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |  |

■ Included □ Optional ■ Please Note: NOT compatible with EASY!Lock \*CARB compliance required for sale in California

### **JALAPAO SERIES**



### The industrial workhorse.

Kärcher Jalapao series oil-fired skids are the workhorses of the pressure washer industry. Delivering up to 8.0 GPM of hot water and up to 3500 PSI, these rugged gas and diesel-powered machines are built on an open frame using heavy-gauge 1-1/4" powder coated steel and are ideal for mounting in a truck or on a trailer. The electric-start engine and powerful belt-drive Kärcher KT and KX pumps are isolated from the rest of the machine on a shock-mounted sub-frame to reduce vibration. Steam combination comes standard with all models.















#### **Features**

- Honda, Vanguard and Kubota engines with electric start
- Kärcher belt-drive tri-plunger pumps with 7-year warranty
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

### TECHNICAL DATA

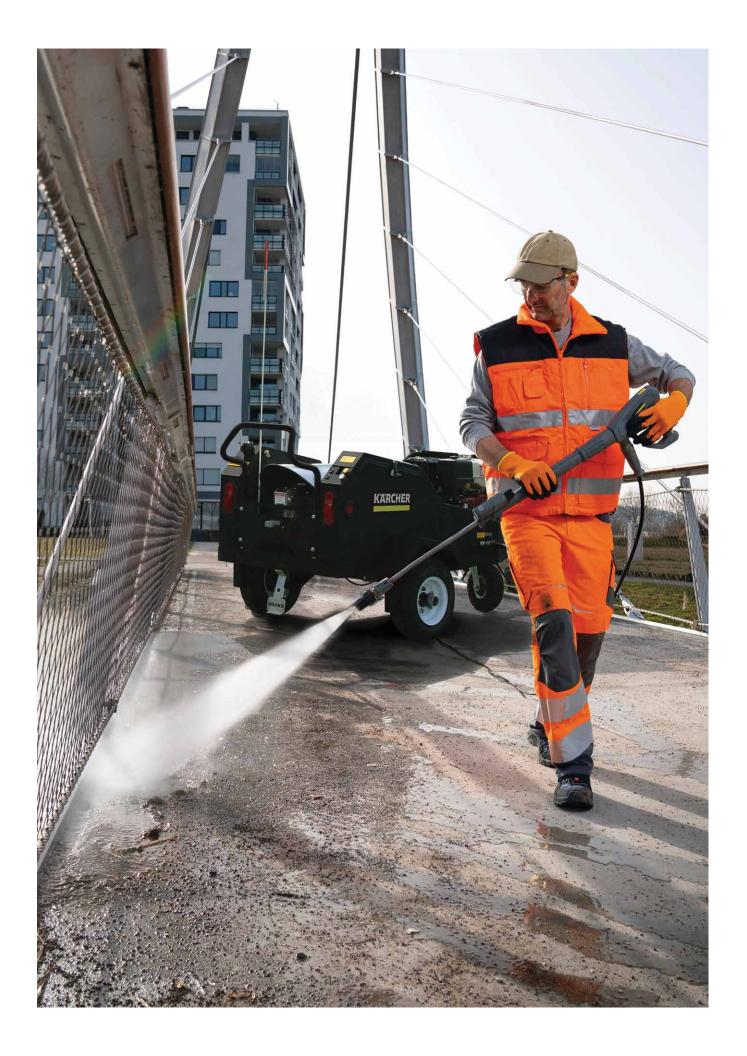
| Model              | Part No.    | GРM | PSI  | Drive | cc   | Engine           | Fuel   | Pump       | Burner  | CARB* | Ship<br>Weight<br>(lbs) | Ship Dimen-<br>sions<br>(L x W x H)<br>Inches |  |
|--------------------|-------------|-----|------|-------|------|------------------|--------|------------|---------|-------|-------------------------|---|--|
| HDS 3.9/30 Pe Cage | 1.575-600.0 | 3.9 | 3000 | Belt  | 389  | Honda GX390      | Gas    | Kärcher KT | 12V DC  | No    | 790                     | 54 x 56 x 55                                  |  |
| HDS 4.8/30 Pe Cage | 1.575-601.0 | 4.8 | 3000 | Belt  | 570  | Vanguard 18      | Gas    | Kärcher KT | 12V DC  | Yes   | 800                     | 54 x 56 x 55                                  |  |
| HDS 4.8/30 Pe Cage | 1.575-602.0 | 4.8 | 3000 | Belt  | 570  | Vanguard 18      | Gas    | Kärcher KT | 120V AC | Yes   | 945                     | 54 x 56 x 55                                  |  |
| HDS 4.7/35 Pe Cage | 1.575-603.0 | 4.7 | 3500 | Belt  | 688  | Honda GX630      | Gas    | Kärcher KT | 12V DC  | Yes   | 855                     | 54 x 56 x 55                                  |  |
| HDS 4.7/35 Pe Cage | 1.575-604.0 | 4.7 | 3500 | Belt  | 688  | Honda GX630      | Gas    | Kärcher KT | 120V AC | Yes   | 890                     | 54 x 56 x 55                                  |  |
| HDS 5.6/35 Pe Cage | 1.575-605.0 | 5.6 | 3500 | Belt  | 688  | Honda GX690      | Gas    | Kärcher KT | 12V DC  | Yes   | 852                     | 54 x 56 x 55                                  |  |
| HDS 5.6/35 Pe Cage | 1.575-606.0 | 5.6 | 3500 | Belt  | 688  | Honda GX690      | Gas    | Kärcher KT | 120V AC | Yes   | 970                     | 54 x 56 x 55                                  |  |
| HDS 5.6/35 De Cage | 1.110-622.0 | 5.4 | 3500 | Belt  | 1123 | Kubota D1105-E3B | Diesel | Kärcher KT | 12V DC  | Yes   | 1214                    | 54 x 56 x 55                                  |  |
| HDS 5.6/35 De Cage | 1.110-623.0 | 5.4 | 3500 | Belt  | 1123 | Kubota D1105-E3B | Diesel | Kärcher KT | 120V AC | Yes   | 1300                    | 54 x 56 x 55                                  |  |
| HDS 8.0/30 Ge Cage | 1.575-611.0 | 8.0 | 3000 | Belt  | 688  | Honda GX690      | Gas    | Kärcher KX | 12V DC  | Yes   | 805                     | 54 x 56 x 55                                  |  |
| HDS 8.0/30 Ge Cage | 1.575-612.0 | 8.0 | 3000 | Belt  | 688  | Honda GX690      | Gas    | Kärcher KX | 120V AC | Yes   | 865                     | 54 x 56 x 55                                  |  |

### **ACCESSORIES**

|   | Order No.     | Description   |  |
|---|---------------|---|--|
| - | 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |  |

#### **OPTIONS**

| Order No.         | Description  |
|-------------------|--|
| 8.904-051.0       | Battery (NOT for use with GX390 models or Kubota, field installed)                               |
| 8.903-430.0       | Stackless flue adapter (field installed)   |
| ncluded □ Optiona | al ■ Please Note: NOT compatible with EASY!Lock *CARB compliance required for sale in California |



## **TULE SERIES HDS 3.5/40 GE MT**



Shown with optional hose reel

# Towable and maneuverable hot water pressure washer.

Ready to pick up and go at a moments notice, Kärcher's Tule Series HDS 3.5/40 Ge MT hot water pressure washer trailer provides the necessary cleaning power on virtually any job site which has a water source. Simply unhitch the Tule Series HDS 3.5/40 Ge MT and take the cleaning power where you need it most. The Tule Series trailer features a reliable Honda engine, 8 gallon diesel fuel tank, electric start with manual start backup and much more.

U.S. Design Patent No. 9,724,734 B2











### HONDA





#### **Features**

- Honda GX 390 engine and electric start with manual start backup
- Adjustable thermostat for water temperature regulation
- 8 gallon diesel fuel tank
- Lift handle and swing away tongue for easier hook up of the trailer and storage
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

| TECHNICAL DATA   |             |     |      |        |             |          |            |       |                   |                                       |
|------------------|-------------|-----|------|--------|-------------|----------|------------|-------|-------------------|---------------------------------------|
| Model            | Part No.    | GРM | PSI  | Drive  | Engine      | Start    | Pump       | CARB* | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |
| HDS 3.5/40 Ge MT | 1.103-844.0 | 3.5 | 4000 | Direct | Honda GX390 | Electric | Kärcher KS | No    | 750               | 100 x 45 x 75                         |

### **ACCESSORIES**

|   | Order No.     | Description   |
|---|---------------|---|
| - | 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |
| - | 8.756-797.0   | 3-5 GPM Chemical Injector Kit   |
| - | 8.754-990.0   | 12V Battery (required for hot water operation)  |
|   | 8.711-293.0   | Zinc plated variable pressure lance   |
| • | 8.925-182.0   | 50', 3/8" hose, double-wire at 6000 PSI   |

#### **OPTIONS (FACTORY INSTALLED)**

| Order No.     | Description                |
|---------------|----------------------------|
| □ 8.924-367.0 | 2-5/16" Ball Coupler       |
| □ 8.924-667.0 | Lifting Kit                |
| □ 8.924-370.0 | LED Lights                 |
| □ 8.924-700.0 | 2-inch Collar Lock Coupler |
| □ 8.924-368.0 | 3" Lunette coupler         |

### **OPTIONS (FIELD INSTALLED)**

| Order No.   | Description  |  |
|-------------|--|--|
| 8.750-682.0 | Hose Reel Fixed 100', 5000 PSI, 325° F, equipped for 3/8" hose |  |
| 8.925-255.0 | Hose Reel Bracket (Mount Kit)                                  |  |

■ Included □ Optional ■ Please Note: NOT compatible with EASY!Lock \*CARB compliance required for sale in California

### **TRK-3500**



Shown with optional hot water pressure washer skid, rock guard, and hose reel.

### High cleaning performance.

Adaptable and designed to accommodate a variety of pressure washer skids, the Kärcher TRK-3500 pressure washer trailer is affordable, versatile, and easy to ship and store. Made of rugged 14-gauge steel, the trailer's wheel and axle assembly feature a leaf-spring suspension of up to 3,500 lbs. Get cleaning by simply picking a compatible pressure washer and adding must-have options and accessories.







#### **Features**

- High-density, polyethylene 200-gallon water tank with a 12-inch access port, 3/4-inch float valve and a 50-mesh inlet filter; and two 5/16-inch chains for additional safety
- Electric brakes and break away kit
- Electrical wiring recessed within the heavy-duty frame
- Saddle boxes, lighted license plate holder and recessed tail lights
- 1,000 lb. swivel jack with a 2-inch ball coupler for quick and easy hook up of the trailer
- Optional hose reels hold up to 100 ft. of high-pressure hose and quick connects to chassis

### **TECHNICAL DATA**

| Model  | Part No.    | Axle   | (GVWR) lbs. | Water Tank (Gallons) | Ship Weight (lbs)* | Ship Dimensions<br>(L x W x H) Inches |  |
|--|-------------|--------|-------------|----------------------|--------------------|---------------------------------------|--|
| TRK-3500   | 1.103-849.0 | Single | 3500        | 200                  | 1072               | 138 x 66 x 52                         |  |
| American de la companya del companya del companya de la companya d |             |        |             |                      |                    |                                       |  |

<sup>\*</sup>Trailer and water tank only

#### PRECONFIGURED TRAILERS

| Order No.   | Part No.  |  |
|-------------|---|--|
| 1.103-850.0 | Trailer Kärcher 3500E HDS 4.7/35 (electric brakes)  |  |
| 1.103-851.0 | Trailer Kärcher 3500H HDS 4.7/35 (hydraulic brakes) |  |

Preconfigured trailer packages include the TRK-3500 trailer, HDS 4.7/35 Pe Cage pressure washer, mounting kit, battery and high and low-pressure hose reels.

### **OPTIONS (FACTORY INSTALLED)**

|  | Order No.   | Description   |
|--|-------------|---|
|  | 8.917-294.0 | North American engineered series skid mounting kit (required for mounting pressure washer to trailer) |
|  | 8.931-496.0 | Hydraulic brakes  |
|  | 8.917-554.0 | High pressure hose reel kit (100' capacity) ◆   |
|  | 8.917-555.0 | Low pressure hose reel kit (100' capacity) ◆  |
|  | 8.924-493.0 | 2-5/16" Ball hitch coupler  |
|  | 8.924-368.0 | 3" Lunette eye coupler  |
|  | 8.931-506.0 | Rock guard with wand holder   |
|  | 8.904-051.0 | Battery installed on pressure washer  |

■ Included □ Optional ◆ HHose not included

### **TRK-6000**



TRK-6000 - shown with options and gas-powered hot water pressure washer; accommodates both gas and diesel-powered pressure washers. Tool box shown is no longer available on this unit.

### Customizable mobile solution.

Kärcher has made customizing a mobile wash system for on-site cleaning easy.

- Choose a compatible skid-mounted hot water pressure washer for the dual-axle TRK-6000 trailer. The trailer comes with a 330-gallon water tank.
- **2.** Customize your trailer with a broad selection of options and accessories, such as hose reels, chrome coverings, etc.



#### **Features**

- Electrical wiring recessed within tubular frame
- Lighted license plate holder and recessed tail lights
- 1,000 lb. swivel jack with a 2-5/16 inch ball coupler for quick and easy hook up of the trailer
- Two 3-way ball valve for easy switching of the water flow from the holding tank to a faucet
- High-density, polyethylene 200-330 gallon water tank with a 12-inch access port, 1 1/2-inch drain valve, 3/4-inch float valve and a 50mesh inlet filter; and two 5/16-inch chains for added safety
- Electric brakes and break away kit
- Rugged steel cage for security while transporting

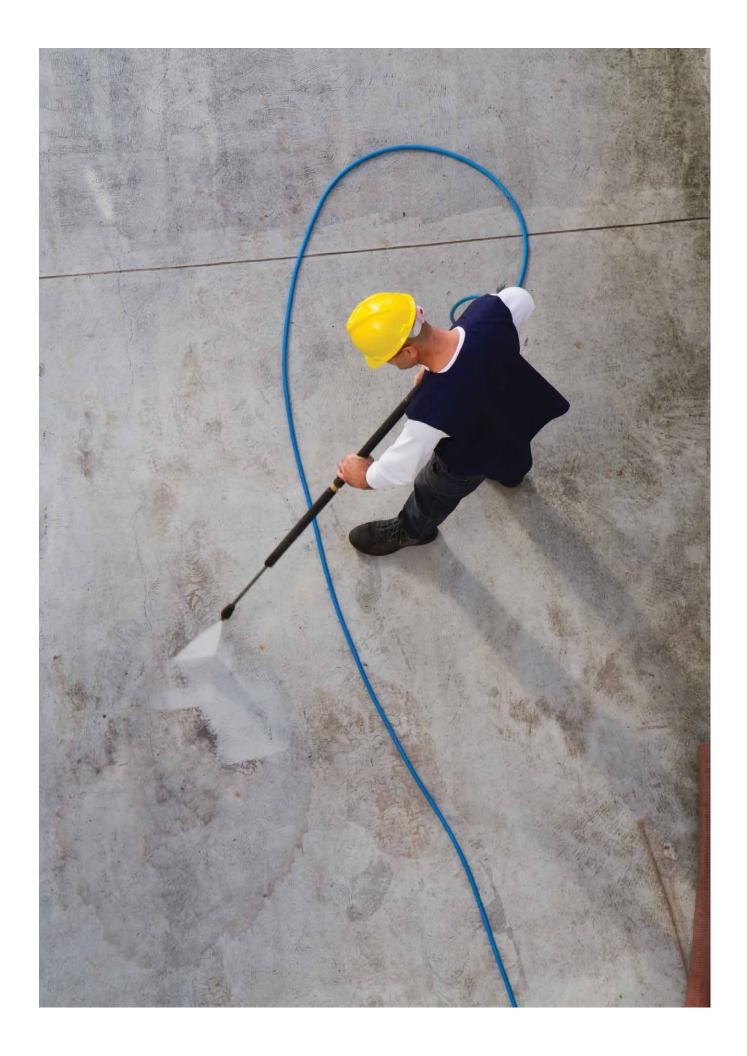
| TECHNICAL DATA |             |        |             |                      |                       |                                       |  |
|----------------|-------------|--------|-------------|----------------------|-----------------------|---------------------------------------|--|
| Model          | Part No.    | Axle   | (GVWR) lbs. | Water Tank (Gallons) | Ship Weight<br>(lbs)* | Ship Dimensions (L x W x H)<br>Inches |  |
| TRK-6000       | 1.103-807.0 | Tandem | 6000        | 330                  | 1080                  | 185 x 82 x 65                         |  |

### OPTIONS (FACTORY INSTALLED)

\*Trailer and water tank only

| Order No.   | Description   |
|-------------|---|
| 8.904-051.0 | Battery installed on pressure washer  |
| 8.902-438.0 | Hydraulic brakes, two axles, 2-5/16" ball coupler                               |
| 8.902-452.0 | Hydraulic brakes, two axles, 3" Lunette eye coupler                             |
| 8.902-471.0 | 3" Lunette eye hitch coupler  |
| 8.912-409.0 | 2-5 gallon bucket chemical rack (factory installed only)                        |
| 8.902-447.0 | Hose reel kit for 100 ft. Of 3/8-inch high-pressure hose (no hose included)     |
| 8.902-448.0 | Hose reel kit for 200 ft. Of 3/8-inch high-pressure hose (no hose included)     |
| 8.902-449.0 | Hose reel kit for 75 ft. Of 3/4-inch industrial garden hose (no hose included)  |
| 8.902-455.0 | Skid mounting & plumbing kit (required for mounting pressure washer to trailer) |
| 8.902-469.0 | Sign plate  |
| 8.902-466.0 | Chrome wheels, pair, (2 pair required)  |
| 8.902-468.0 | Chrome fenders, pair  |
| 8.924-475.0 | 2" ball coupler   |

■ Included □ Optional ■ Please Note: NOT compatible with EASY!Lock



**PRO HD 400 ED** 



### Practical anywhere.

The PRO HD 400 ED is a light weight, durable and compact cold water pressure washer that offers ultimate mobility for on-site applications and is designed to be stored, transported and operated in the vertical and horizontal position. It's features include a reliable 3-piston axialpump with a brass cylinder head, an automatic pressure relief system for protecting the pump and storage options for accessories.

















- Vertical and horizontal operation for maximum flexibility and stability
- Rubber strap for secure storage of high-pressure hose
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down - so, no more sore hands after hours of use



TECHNICAL DATA



| TECHNICAL DATA |             |     |      |        |                      |      |               |                      |  |  |
|----------------|-------------|-----|------|--------|----------------------|------|---------------|----------------------|--|--|
| Model          | Part No.    | GРM | PSI  | Drive  | Electrical           | Amps | Pump          | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
| Pro HD 400 ED  | 1.520-990.0 | 1.7 | 1300 | Direct | 120V / 1ph ~ / 60 Hz | 14   | Kärcher Axial | 45                   | 36 x 14 x 13                             |  |

#### **ACCESSORIES** Order No. Description ■ 4.118-005.0 ■ EASY!Force trigger gun 4.112-006.0 ■ 33" Spray lance ■ 6.110-034.0 ■ 33' EASY!Lock hose 2.113-062.0 Power nozzle, 030 ☐ 4.113-003.0 ■ Rotating washing brush natural fiber bristles □ 4.111-022.0 ■ Nozzle connector □ 4.111-037.0 **■** Coupling ☐ 2.115-000.0 ■ Quick-release coupling □ 2.115-001.0 **■** Nipple □ 4.114-018.0 Performance Dirtblaster □ 4.112-000.0 ■ 41" Spray lance □ 2.111-016.0 ■ Surface cleaner FR TR Classic □ 2.111-017.0 ■ Surface cleaner FR Classic DIY ☐ 4.111-032.0 ■ Adapter M 22 Swivel ☐ 4.112-011.0 ■ Screw connector part ☐ 6.110-034.0 ■ Extension hose 33' ■ Included □ Optional ■ Compatible with EASY!Lock

### **HD COMPACT CLASS**







### Designed to move.

The HD 1.8/13 C compact cold water pressure washer offers maximum portability, maneuverability and smart features. It can be stored, transported and operated in the vertical and horizontal position, and at 55.6 lbs, this professionally built unit can easily be moved by one person in and out of vehicles and around a cleaning site. It also includes storage options for accessories.













#### **Features**

- Vertical and horizontal operation for maximum flexibility and stability
- Additional carrying handle for easy loading, unloading and moving
- Removable and easy to clean water inlet filter that protects the pump from debris
- Rubber strap for secure storage of high-pressure hose.
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down - so, no more sore hands after hours of use

| TECHNICAL DATA |             |     |      |        |                      |      |               |                      |                                       |
|----------------|-------------|-----|------|--------|----------------------|------|---------------|----------------------|---------------------------------------|
| Model          | Part No.    | GРM | PSI  | Drive  | Electrical           | Amps | Pump          | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H) Inches |
| HD 1.8/13 C    | 1.520-916.0 | 1.8 | 1300 | Direct | 120V / 1ph ~ / 60 Hz | 14   | Kärcher Axial | 55.6                 | 37 x 15 x 14                          |

| AC          | ESSORIES        |   |
|-------------|-----------------|---|
|             | Order No.       | Description                                   |
| •           | 4.118-005.0 ■   | EASY!Force trigger gun                        |
| •           | 4.112-006.0 ■   | 33" Spray lance                               |
| •           | 6.110-034.0 ■   | 33' EASY!Lock hose                            |
| •           | 4.117-027.0 ■   | Triple jet nozzle, 032                        |
|             | 2.112-000.0     | Inno Foam kit                                 |
|             | 2.112-010.0 ■   | Easy Foam set                                 |
|             | 4.112-035.0 ■   | Flexible spray lance                          |
|             | 6.110-049.0 ■   | Pipe cleaning hose 65', 1740 psi              |
|             | 6.110-050.0 ■   | Pipe cleaning hose 98', 1740 psi              |
|             | 6.110-008.0 ■   | Pipe cleaning hose 65', 3625 psi              |
|             | 4.113.004.0     | Rotating washing brush nylon bristles         |
|             | 4.113-003.0 ■   | Rotating washing brush natural fiber bristles |
|             | 2.111-011.0     | Surface cleaner FR 30                         |
|             | 2.111-016.0 ■   | Surface cleaner FR TR Classic                 |
|             | 2.111-010.0     | Surface cleaner FRV TR 30                     |
|             | 4.115-006.0 ■   | Wet blasting attachment                       |
|             | 4.111-022.0 ■   | Nozzle connector                              |
|             | 4.111-037.0 ■   | Coupling                                      |
|             | 2.115-000.0 ■   | Quick-release coupling                        |
|             | 2.115-001.0     | Nipple  |
| <b>-</b> 16 | cluded   Ontion | Compatible with EASVII ock                    |

■ Included □ Optional ■ Compatible with EASY!Lock

### **HD MID CLASS CAGE**



### For commercial use under tough conditions.

Whether in vertical or horizontal use: the unheated Cage mid class can cope with any situation in tough, daily commercial use. These mobile, very robust machines are equipped with a 3-piston axial pump with brass cylinder head, which makes possible an improvement of up to 15 percent in cleaning performance and energy efficiency.











#### **Features**

- Automatic pressure relief for protecting the components to extend their life
- Easy-to-access pump and electric box
- Sturdy, tubular steel frame protects all components and can be used to fasten the machine to a service vehicle

| TECHNICAL DATA      |             |     |      |        |            |      |               |                      |  |  |
|---------------------|-------------|-----|------|--------|------------|------|---------------|----------------------|--|--|
| Model               | Part No.    | GPM | PSI  | Drive  | Electrical | Amps | Pump          | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
| HD 2.3/15 M Cage Ed | 1.150-936.0 | 2.3 | 1500 | Direct | 110V / 1ph | 19   | Kärcher Axial | 86                   | 18 X 16 X 39                             |  |
| HD 3.0/20 M Cage Ea | 1.150-939.0 | 3   | 2000 | Direct | 230V / 1ph | 18   | Kärcher Axial | 86                   | 18 X 16 X 39                             |  |

### **ACCESSORIES**

|      | Order No.         | Description  |
|------|-------------------|--|
|      | 4.118-005.0       | EASY!Force trigger gun   |
|      | 4.112-006.0       | Jet pipe TR 33"  |
| -    | 2.113-043.0       | Power nozzle TR 25036 (standard on 1.150-936.0)                                  |
|      | 2.113-007.0       | Power nozzle TR 25042 (standard on 1.150-939.0)                                  |
| -    | 6.110-034.0       | High-pressure hose, 2 x EASY!Lock, DN 6, 3600 PSI, 33'                           |
|      | 6.110-035.0       | High-pressure hose 2 x EASY!Lock DN 6, ANTI!Twist, 3600 PSI, 33'                 |
|      | 6.110-014.0       | High-pressure hose, 2 x EASY!Lock, DN 8, ANTI!Twist, 4500 PSI, 100'              |
|      | 6.110-030.0       | High-pressure hose 2 x EASY!Lock DN 8, ANTI!Twist, 4500 PSI, 50'                 |
|      | 6.110-027.0       | Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, ANT!!Twist, 5800 PSI, 66'  |
|      | 6.110-023.0       | Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, ANT!!Twist, 5800 PSI, 100' |
|      | 6.110-029.0       | Longlife 400 high-pressure hose, 2 x EASY!Lock, DN 8, ANT!!Twist, 5800 PSI, 50'  |
|      | 2.115-001.0       | Male coupling  |
|      | 2.115-000.0       | Quick coupling   |
|      | 4.114-041.0       | Dirt blaster, large, size: 040   |
|      | 2.111-013.0       | Hard Surface Cleaner FR 30 Me  |
|      | 2.111-010.0       | FRV 30 Surface Cleaner   |
|      | 2.640-401.0       | Nozzle kit for FR 30 Me  |
|      | 2.642-431.0       | Nozzle kit for FRV 30  |
| ■ In | cluded   Optional | ■ Compatible with EASY!Lock  |

### **HD MID CLASS**



### Loaded with features.

This medium class machine is extremely mobile and user-friendly with low-speed four-pole single phase motor for continuous use.

























#### **Features**

- Unique CHEM switch system allows operator to switch between two on-board detergent tanks without interruption; includes precise two-way metering valve to accurately vary detergent volume
- Robust, three-piston axial pump feature detergent-resistant brass cylinder head and stainless valves; pump is protected by pressure switch and overflow valve
- Features ground-fault circuit interrupter (GFCI) for operator safety

#### **TECHNICAL DATA**

| Model           | Part No.    | GPM     | PSI      | Drive  | НР  | Electrical     | Amps | Pump          | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
|-----------------|-------------|---------|----------|--------|-----|----------------|------|---------------|----------------------|--|--|
| HD 3.0/20-4M Ea | 1.524-905.0 | 1.3-3.0 | 435-2000 | Direct | 4.7 | 220-240V / 1ph | 20   | Kärcher Axial | 105                  | 44 x 18 x 20                             |  |

#### **ACCESSORIES**

|   | Order No.     | Description                      |
|---|---------------|----------------------------------|
| - | 4.118-005.0 ■ | EASY!Force trigger gun           |
| • | 4.112-000.0 ■ | 33" spray lance                  |
|   | 6.110-035.0   | 33' EASY!Lock hose               |
|   | 2.113-009.0   | Power nozzle TR 25047            |
| - | 4.118-007.0 ■ | Rotary controller                |
|   | 2.112-000.0   | Inno Foam kit                    |
|   | 2.112-010.0   | Easy foam set                    |
|   | 2.111-013.0   | FR 30 ME surface cleaner         |
|   | 2.111-023.0   | FR TR 50 ME hard surface cleaner |
|   | 2.111-011.0   | Surface cleaner FR 30            |
|   | 2.111-010.0   | FRV TR 30 hard surface cleaner   |
|   | 4.115-000.0 ■ | Wet blasting attachment          |
|   | 4.115-006.0 ■ | Wet blasting attachment          |
|   | 2.111-009.0   | Nozzle kit                       |
|   | 2.113-003.0   | Power nozzle 40° spray angle     |

■ Included □ Optional ■ Compatible with EASY!Lock

### **HD SUPER CLASS**







### For tough jobs in non-stop use.

Where vast amounts of dirt accumulate every day, reliable Kärcher super class models provide indispensable services. Ideal for use in the construction, agricultural and forestry sectors as well as industrial and municipal facilities.



















#### **Features**

- Robust, three-piston axial pumps features detergent-resistant brass cylinder head and stainless valves; pumps is protected by pressure switch and over flow valve
- Low-speed, 4-pole, air-cooled motor runs quieter and cooler than conventional motors thus prolonging its service life
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

| <b>T</b> F |     | <br><b>D</b> A | <b>T</b> A |
|------------|-----|----------------|------------|
|            | NIC |                |            |
|            |     |                |            |

| Model           | Part No.    | GPM     | PSI      | Drive  | НР | Electrical     | Amps | Pump          | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
|-----------------|-------------|---------|----------|--------|----|----------------|------|---------------|----------------------|--|--|
| HD 3.5/30-4S Ea | 1.286-908.0 | 1.8-3.5 | 435-3000 | Direct | 9  | 220/240V / 1ph | 28   | Kärcher Axial | 178                  | 47 x 21 x 23                             |  |
| HD 4.5/32-4S Eb | 1.286-909.0 | 2.2-4.5 | 435-3200 | Direct | 10 | 230V / 3ph     | 25   | Kärcher Axial | 178                  | 47 x 21 x 23                             |  |
| HD 4.5/32-4S Ec | 1.286-910.0 | 2.2-4.5 | 435-3200 | Direct | 10 | 440V / 3ph     | 14   | Kärcher Axial | 160                  | 47 x 21 x 23                             |  |

### **ACCESSORIES**

|   | Order No.     | Description                                   |
|---|---------------|---|
|   | 4.118-005.0 ■ | EASY!Force trigger gun                        |
| - | 4.112-000.0 ■ | 41" spray lance                               |
| - | 6.110-030.0 ■ | 50' EASY!Lock hose with ANTI!Twist connection |
|   | 2.113-022.0 ■ | Power nozzle, 045 (for machine 1.286-908.0)   |
| - | 2.113-025.0   | Power nozzle, 055 (for machine 1.286-909.0)   |
|   | 4.118-008.0 ■ | Servo control                                 |
|   | 2.112-000.0 ■ | Inno Foam kit                                 |
|   | 2.112-015.0 ■ | Gutter cleaning lance                         |
|   | 4.112-035.0 ■ | Flexible spray lance                          |
|   | 6.110-049.0 ■ | Pipe cleaning hose 65', 1740 psi              |
|   | 6.110-050.0 ■ | Pipe cleaning hose 98', 1740 psi              |
|   | 6.110-008.0 ■ | Pipe cleaning hose 65', 3625 psi              |
|   | 2.111-023.0 ■ | FR TR 50 ME hard surface cleaner              |
|   | 2.111-012.0 ■ | FRV TR 30 ME                                  |
|   | 2.111-011.0 ■ | Surface cleaner FR 30                         |
|   | 2.111-010.0 ■ | FRV TR 30 hard surface cleaner                |
|   | 4.115-000.0 ■ | Wet blasting attachment                       |
|   | 2.113-020.0 ■ | 25° power nozzle for applying cleaning agent  |
|   | 4.114-019.0 ■ | Dirtblaster Nozzle 035                        |
|   | 4.637-033.0 ■ | Detergent injector for high pressure          |
|   | 4.111-037.0 ■ | Coupling                                      |
|   | 4.111-037.0   |   |

lacktriangled Included  $\Box$  Optional lacktriangled Compatible with EASY!Lock

### **HD SPECIAL CLASS**



### For strict hygiene requirements.

Cold water high-pressure cleaner was designed specifically for all-purpose industrial use in the sanitary/food industry. This top-of-the-range machine from the compact class allows you to regulate pressure and water flow seamlessly.



















#### **Features**

- Food-safe, non-marking high-pressure hose.
- Wear-resistant and non-marking gray wheels
- Accepts inlet water at temperatures up to 180oF
- Easy access to the variable pressure and water flow regulation and the "Inno Foam Set" high-pressure foam system can be used.
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

| TECHNICAL DATA      |             |     |      |        |     |            |      |               |                      |  |  |
|---------------------|-------------|-----|------|--------|-----|------------|------|---------------|----------------------|--|--|
| Model               | Part No.    | GPM | PSI  | Drive  | НР  | Electrical | Amps | Pump          | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
| HD 2.3/14 C Ed Food | 1.150-912.0 | 2.3 | 1400 | Direct | 3.2 | 120V / 1ph | 20   | Kärcher Axial | 78                   | 39 x 15 x 28                             |  |

| ACC | ESSORIES      |   |
|-----|---------------|---|
|     | Order No.     | Description   |
| -   | 4.118-015.0 ■ | EASY!Force trigger gun for food applications                |
| •   | 4.112-006.0 ■ | 33" spray lance   |
| -   | 6.110-063.0 ■ | 50' EASY!Lock food grade hose with AVS hose reel connection |
| -   | 4.117-033.0 ■ | Triple jet nozzle, 040                                      |
|     | 2.112-009.0   | Inno Foam (food grade - including nozzle inserts)           |

■ Included □ Optional ■ Compatible with EASY!Lock

### **HD WALL MOUNTED**



### Convenient and quiet.

Kärcher's wall-mount unit has a durable steel frame, uses a quiet 1725 RPM motor, and is perfect for in-shop uses. A remote on/off switch with a 10' electrical cord allows the machine to be mounted high on a wall away from backspray.







Shown with optional wall mount bracket part no. 8.920-952.0

#### **Features**

- Accepts hot water up to 180 degrees
- Remote on/off switch
- Kärcher Triplex crankcase pump

### TECHNICAL DATA

| Мос | del         | Part No.    | GPM | PSI  | Drive  | НР | Electrical | Amps | Pump       | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
|-----|-------------|-------------|-----|------|--------|----|------------|------|------------|----------------------|--|--|
| HD  | 2.0/14 Ed + | 1.107-088.0 | 1.8 | 1400 | Direct | 2  | 120V / 1ph | 20   | Kärcher KE | 123                  | 20 x 19 x 17                             |  |

### **ACCESSORIES**

| Order No.   | Description        |  |
|-------------|--------------------|--|
| 8.920-952.0 | Wall mount bracket |  |

■ Included □ Optional

### **HD SERIES ELECTRIC**



### **Designed for versatility.**

Kärcher's cold water carts are corrosion-resistant aluminum pressure washers that easily convert from a cart to a skid for maximum cleaning versatility and durability. These reliable electric powered pressure washers have a low profile handle and compact footprint, making them easy to maneuver, and they offer a bypass loop for additional pump protection. 7-year pump warranty and flat-free tires.













#### **Features**

- Durable, corrosion resistant aluminum frame
- Modular design weld free frame easily converts from cart to skid
- Flat free tires
- VRT3 Unloader with bypass loop pump protection
- Commercial-duty Leuco crankcase pump

| TE | CH | NICA | L D | ATA |
|----|----|------|-----|-----|
|    |    |      |     |     |

| Model          | Part No.    | GРM | PSI  | Drive  | НР  | Electrical | Amps | Pump       | Pump RPM | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |
|----------------|-------------|-----|------|--------|-----|------------|------|------------|----------|----------------------|--|
| HD 2.0/1000 Ed | 9.801-814.0 | 2.0 | 1000 | Direct | 1.5 | 120V / 1ph | 15   | Kärcher KF | 1725     | 161                  | 41 x 22 x 25                             |
| HD 1.9/1300 Ed | 9.801-794.0 | 1.9 | 1300 | Direct | 2   | 120V / 1ph | 20   | Kärcher KF | 1725     | 175                  | 41 x 22 x 25                             |
| HD 3.0/1000 Ed | 9.801-795.0 | 3.0 | 1000 | Direct | 2   | 120V / 1ph | 20   | Kärcher KF | 1725     | 180                  | 41 x 22 x 25                             |
| HD 3.5/2000 Ea | 9.801-796.0 | 3.5 | 2000 | Direct | 5   | 230V / 1ph | 22   | Kärcher KF | 3450     | 181                  | 41 x 22 x 25                             |

### ACCESSORIES

|   | Order No.   | Description  |
|---|-------------|--|
|   | 8.750-247.0 | Gun  |
| • | 8.925-129.0 | Hose   |
|   | 8.783-040.0 | Lance  |
| • | 9.802-216.0 | Chemical injector  |
| • | 8.712-398.0 | Nozzle, QCEM-6540 Brass (Chem)   |
|   | 8.712-337.0 | Nozzle, red, 035   |
|   | 8.712-338.0 | Nozzle, yellow, 035  |
| • | 8.712-339.0 | Nozzle, green, 035   |
| • | 8.712-340.0 | Nozzle, white, 035   |
|   | 8.712-429.0 | Rotary nozzle  |
|   | 8.925-229.0 | Legacy, 100' x 3/8" ID, 4500 PSI, 2-wire, smooth cover, black high pressure hose |
|   | 8.753-572.0 | A+ Surface Cleaner SC21  |
|   | 8.753-573.0 | A+ Surface Cleaner SC24  |
|   | 9.302-243.0 | Legacy Turbo Nozzle, 4.0, 4350 PSI   |
|   | 8.710-620.0 | Legacy Superlite stainless steel, 72" - 56.0 oz                                  |
|   | 9.807-754.0 | Skid mount feet  |
|   | 9.807-750.0 | 37.5" long handle  |
|   | 9.807-753.0 | Lance holder   |
|   | 9.807-752.0 | Hose storage hook  |
|   | 9.807-751.0 | Handle with hose reel  |

■ Included □ Optional

### **HD ROLL CAGE**



### Specialty applications.

These belt-drive, electric roll cage models feature cleaning power of 5000 PSI and are available with either 230/3 phase or 460/3 phase motors. These units are specialty machines perfect for use in the marine market cleaning the bottom of boats or in the concrete industry, mixers, forms and handling equipment. Both models are ETL safety certified.











#### **Features**

- Rugged steel chassis & roll cage
- Kärcher Belt-drive crankcase pump
- Cleaning power of 5000 PSI
- Flat-free tires
- 20 HP motor
- 50' high-pressure hose

### **TECHNICAL DATA**

| Model             | Part No.    | GРM | PSI  | Drive | НР | Electrical | Amps | Pump       | Ship Weight<br>(lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |
|-------------------|-------------|-----|------|-------|----|------------|------|------------|----------------------|--|--|
| HD 5.0/50 Eb Cage | 1.107-084.0 | 5.0 | 5000 | Belt  | 20 | 230V / 3ph | 48   | Kärcher KX | 524                  | 42 x 26 x 30                             |  |
| HD 5.0/50 Ec Cage | 1.107-087.0 | 5.0 | 5000 | Belt  | 20 | 460V / 3ph | 26   | Kärcher KX | 524                  | 42 x 26 x 30                             |  |

### **ACCESSORIES**

| Order No.  | Description  |
|------------|--|
| 9.801-029. | 0 100' hose reel kit, 5000 PSI (hose not Included) |

■ Included □ Optional

### **HD CABINET - BELT DRIVE**







### Industrial throughout.

Our cold-water cabinet units really take the heat, accepting pre-heated water up to 145°F. Protected in durable stainless steel cabinets, they demonstrate industrial strength throughout, including belt-drive Kärcher crankcase pumps, industrial motors, and magnetic starters for operator safety.









#### **Features**

- Hour Meter is standard on all models
- A thermal pump protector to prevent the buildup of excessive pressures or heat
- High-Pressure Pump (with 7-year warranty) by dual, V-cogged belts.
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down - so, no more sore hands after hours of use

#### **TECHNICAL DATA**

| Model             | Part No.    | GРM | PSI  | Drive | НР  | Electrical | Amps | Pump       | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |
|-------------------|-------------|-----|------|-------|-----|------------|------|------------|-------------------|---------------------------------------|
| HD 2.8/10 ST Ed B | 1.106-603.0 | 2.8 | 1000 | Belt  | 2   | 120V / 1ph | 20   | Kärcher KM | 210               | 31 x 21 x 16                          |
| HD 3.9/20 ST Ea B | 1.106-604.0 | 3.9 | 2000 | Belt  | 6   | 230V / 1ph | 29   | Kärcher KM | 285               | 31 x 21 x 16                          |
| HD 3.9/20 ST Ec B | 1.106-605.0 | 3.9 | 2000 | Belt  | 6   | 460V / 3ph | 11   | Kärcher KM | 260               | 31 x 21 x 16                          |
| HD 3.9/20 ST Eh B | 1.106-606.0 | 3.9 | 2000 | Belt  | 6   | 208V / 3ph | 16   | Kärcher KM | 265               | 31 x 21 x 16                          |
| HD 3.5/30 ST Ea B | 1.106-607.0 | 3.5 | 3000 | Belt  | 7.5 | 230V / 1ph | 36   | Kärcher KM | 330               | 31 x 21 x 16                          |
| HD 3.5/30 ST Ec B | 1.106-608.0 | 3.5 | 3000 | Belt  | 7.5 | 460V / 3ph | 11   | Kärcher KM | 270               | 31 x 21 x 16                          |
| HD 5.6/25 ST Ec B | 1.106-609.0 | 5.6 | 2500 | Belt  | 10  | 460V / 3ph | 13.5 | Kärcher KX | 310               | 31 x 21 x 16                          |

### **ACCESSORIES**

| Order No.     | Description   |  |
|---------------|---|--|
| 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |  |
| 9 801-013 0   | Hour Meter (factory included)   |  |

### **OPTIONS (FACTORY INSTALLED)**

|   | Order No.   | Description   |
|---|-------------|---|
|   | 8.903-045.0 | Kit Time Delay Shutdown (for HD 2.8/10 ST Ed B model)                                     |
|   | 8.929-374.0 | Kit Time Delay Shutdown (for HD 4.2/20 ST Ea B model)                                     |
|   | 8.903-041.0 | Kit Time Delay Shutdown (for HD 3.5/30 and HD 4.2/20 models, excluding HD 4.2/20 ST Ea B) |
|   | 8.929-376.0 | Kit Auto Start/Stop (for HD 2.8/10 ST Ed B model)   |
|   | 8.929-377.0 | Kit Auto Start/Stop (for HD 4.2/20 ST Ea B model)   |
| П | 8.903-047.0 | Kit Auto Start/Stop (for HD 3.5/30 and HD 4.2/20 models, excluding HD 4.2/20 ST Fa B)     |

### **OPTIONS (FIELD INSTALLED)**

| Order No.   | Description                                      |
|-------------|--|
| 9.801-033.0 | Wall Mount Kit                                   |
| 8.903-043.0 | Stainless Steel Wall Mount Kit                   |
| 8.903-040.0 | Floor Stand, 24" short                           |
| 9.801-034.0 | Floor Stand, 36" Tall                            |
| 8.903-617.0 | Stainless Steel Floor Stand, 36" Tall            |
| 8.941-546.0 | Stainless Steel Floor Stand, without Hose Hanger |
| 9.801-035.0 | Wheel Kit for Floor Stands (4 casters)           |

■ Included □ Optional ■ Please Note: NOT compatible with EASY!Lock

### **OPTIONS (FIELD INSTALLED)**

|  | Order No.   | Description   |
|--|-------------|---|
|  | 9.801-031.0 | Wheel Kit with Detergent Rack                       |
|  | 8.904-527.0 | Wheel Kit with Detergent Rack (stainless steel)     |
|  | 9.801-036.0 | Hose Reel Kit, Floor Stand Only, 100 ft, No Hose    |
|  | 8.750-682.0 | 100' x 3/8" fixed base hose reel                    |
|  | 8.919-437.0 | Wall Mount  |
|  | 8.903-039.0 | Kit, Hose Reel w/Bracket for Stand, Wall Mount Kits |

### **JARVIS SERIES**



Jarvis 28" SCW 4.0/40 G (L) with Jarvis 21" SCW 2.4/25 G (Center) and SCW 2.4/25 CL (R)





### Quick and easy outdoor cleaning solution.

The Jarvis series is a complete solution for quick, streak-free cleaning of businesses' entrances, parking lots, tennis courts, pool decks and sidewalks. This easy to use cold water surface cleaner pressure washer is an all-in-one unit with the pump and engine attached to the surface cleaner.

Designed to attack the superficial dirt sweeping alone does not get. The Jarvis surface cleaner pressure washer is perfect for all operators - simple on / off operation and flat free tires. Choose between the Jarvis with a folding handle for easy transport and storage or a conveniently mounted hose reel with 50' of nonmarking hose to have a more flexible and wider cleaning radius. Either way productivity is in your corner.

















#### **Features**

- 21" or 28" corrosion-resistant stainless steel surface cleaner housing and a professional grade swivel design
- Solid, powerful engines on each model with the Kärcher engine's
   4-year warranty or the Honda GX engine's 3-year warranty
- Flat free tires
- Simple on / off operation
- EASY!Force gun with cruise control like technology uses its own recoil force to hold the trigger down so, no more sore hands after hours of use

| TECHNICAL DATA      | FECHNICAL DATA |                               |     |      |        |     |              |                |           |       |                         |                                       |
|---------------------|----------------|-------------------------------|-----|------|--------|-----|--------------|----------------|-----------|-------|-------------------------|---------------------------------------|
| Model               | Part No.       | Cleaning<br>Width<br>(Inches) | GРM | PSI  | Drive  | сс  | Engine       | Hose<br>(Feet) | Pump      | CARB* | Ship<br>Weight<br>(lbs) | Ship Dimensions<br>(L x W x H) Inches |
| SCW 2.4/25 G - 21"  | 1.107-380.0    | 21                            | 2.4 | 2500 | Direct | 200 | Honda GX 200 | 10             | KP3035G   | Yes   | 159                     | 44.0 x 27.6 x 34.2                    |
| SCW 2.4/25 CL - 21" | 1.107-439.0    | 21                            | 2.4 | 2500 | Direct | 212 | Kärcher      | 10             | KP3035G   | Yes   | 159                     | 44.0 x 27.6 x 34.2                    |
| SCW 4.0/40 G - 28"  | 1.107-437.0    | 28                            | 4.0 | 4000 | Direct | 408 | Kärcher      | 50             | KS4040G.3 | Yes   | 212                     | 52.5 x 34.5 x 35.1                    |

#### **ACCESSORIES**

|   | Order No.     | Description   |  |
|---|---------------|---|--|
|   | 8.756-481.0 ■ | EASY!Force trigger gun (North American Model) - zero force required. Standard 1/4" connection for wand, 3/8" connection for hose. |  |
|   | 8.711-370.0   | Nozzle used on wand   |  |
|   | 8.707-537.0   | Nozzle used on spray arm of surface cleaner (2 needed)  |  |
|   | 8.925-467.0   | Hose, 1/4" x 10' R1   |  |
| - | 8.708-582.0   | Nozzle used on wand   |  |
| • | 8.711-465.0   | Nozzle used on spray arm of 28" Surface cleaner (2 needed)  |  |
| - | 8.921-618.0   | Hose, 3/8" x 50', S0 x SW   |  |
|   | 9.802-170.0 ■ | QC coupler for Gun  |  |
|   | 8.929-857.0 ■ | Wand, 44"   |  |
|   | 8.759-671.0 ■ | 28" Deck for SC28   |  |
|   | 8.759-672.0   | Swivel Assembly SC28  |  |
|   | 8.759-673.0 ■ | Kit Spray Arm SC28  |  |
|   | 8.759-674.0   | Kit 28" Brush Assembly SC28   |  |

<sup>■</sup> Included □ Optional ■ Please Note: NOT compatible with EASY!Lock ■ Compatible with SCW 2.4/25 G & SCW 2.4/25 CL Only ■ Compatible with SCW 4.0/40 G Only \*CARB compliance required for sale in California

### **TETON SERIES**



### Cleaning versatility and durability.

Corrosion-resistant and light-weight, Kärcher's direct or belt drive, Teton Series aluminum pressure washers can be utilized as a cart or a skid for maximum cleaning versatility and durability. These reliable Kärcher powered pressure washers offer a 4-year engine warranty, bypass loop for additional pump protection, 7-year pump warranty and flat-free tires.





















### **Features**

- Reliable Kärcher engine with an extended 4-year warranty
- Direct and belt drive models
- Durable VRT3 unloader with bypass loop diverts water flow when trigger gun is not activated
- Aluminum frame modular design converts easily from cart to skid
- CARB Compliant

| TECHNICAL DATA      |             |     |      |        |     |         |           |       |                   |                                       |
|---------------------|-------------|-----|------|--------|-----|---------|-----------|-------|-------------------|---------------------------------------|
| Model               | Part No.    | GPM | PSI  | Drive  | сс  | Engine  | Pump      | CARB* | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |
| HD 3.0/27 G Teton   | 1.107-398.0 | 3.0 | 2700 | Direct | 212 | Kärcher | Crankcase | Yes   | 112               | 45 x 28 x 29                          |
| HD 4.0/40 G Teton   | 1.107-399.0 | 4.0 | 4000 | Direct | 420 | Kärcher | Crankcase | Yes   | 130               | 45 x 28 x 29                          |
| HD 4.0/40 Ge Teton† | 1.107-400.0 | 4.0 | 4000 | Direct | 420 | Kärcher | Crankcase | Yes   | 158               | 45 x 28 x 29                          |
| HD 3.5/35 G Teton   | 1.107-440.0 | 3.5 | 3500 | Direct | 302 | Kärcher | Crankcase | Yes   | 132               | 45 x 28 x 29                          |
| HD 3.0/27 GB Teton  | 1.107-441.0 | 3.0 | 2700 | Belt   | 212 | Kärcher | Crankcase | Yes   | 123               | 45 x 28 x 29                          |
| HD 3.5/35 GB Teton  | 1.107-442.0 | 3.5 | 3500 | Belt   | 302 | Kärcher | Crankcase | Yes   | 158               | 45 x 28 x 29                          |
| HD 4.0/40 GB Teton  | 1.107-443.0 | 4.0 | 4000 | Belt   | 420 | Kärcher | Crankcase | Yes   | 169               | 45 x 28 x 29                          |
| HD 4.0/40 GeB Teton | 1.107-444.0 | 4.0 | 4000 | Belt   | 420 | Kärcher | Crankcase | Yes   | 205               | 45 x 28 x 29                          |
| HD 5.0/30 GB Teton  | 1.107-445.0 | 5.0 | 3000 | Belt   | 420 | Kärcher | Crankcase | Yes   | 169               | 45 x 28 x 29                          |

#### **ACCESSORIES**

| Order No.   | Description  |
|-------------|--|
| 8.750-247.0 | Trigger Gun, model M407  |
| 8.925-129.0 | Hose, 50' x 3/8", 1w, 4,000 PSI SWXSO  |
| 8.783-039.0 | Lance 30" Zinc plated, handle & coupler (for HD 3.0/27 G Classic)                          |
| 8.783-040.0 | Lance 44" Zinc plated, handle & coupler (for HD 4.0/40 G Classic and HD 4.0/40 Ge Classic) |
| 9.802-216.0 | Injector, Chem, NON ADJ, 0.083   |
| 8.712-429.0 | Nozzle   |
| 8.925-229.0 | Legacy, 100' x 3/8" ID, 6000 PSI, 2-wire, smooth cover, black high pressure hose           |
| 8.753-572.0 | A+ Surface Cleaner SC21  |
| 8.753-573.0 | A+ Surface Cleaner SC24  |
| 9.302-243.0 | Legacy Turbo Nozzle, 4.0, 4350 PSI   |
| 8.710-620.0 | Legacy Superlite stainless steel wand, 72" - 56.0 oz                                       |
| 9.807-754.0 | Skid mount feet  |
| 9.807-750.0 | 37.5" long handle  |
| 9.807-753.0 | Lance holder   |
| 9.807-752.0 | Hose storage hook  |
| 9.807-751.0 | Handle with hose reel (mild steel anthracite handle)                                       |

■ Included □ Optional †Electric start available on select models. \*CARB compliance required for sale in California

### **HD SERIES GAS**







### Easily converts from cart to skid.

Corrosion-resistant and light-weight, Kärcher's HD Series Gas aluminum pressure washers have a durable weldless, modular frame that can be utilized as a cart or converted to a skid (optional - sold seperately) for maximum cleaning versatility and durability. Easy to maneuver with puncture proof, flat free tires. These reliable Honda or Vanguard powered pressure washers offer a bypass loop for additional pump protection, 7-year pump warranty on the oil end of the pump. The simple design of the HD Gas helps get the job done quickly and without hassle.











Ship Dimen-



POWERED BY

### HONDA

#### **Features**

- Up to 4.0 GPM, 4000 PSI
- Belt or direct drive models with a reliable Honda or Vanguard engine
- Durable VRT3 unloader with bypass loop diverts water flow when trigger gun is not activated
- Compact Footprint with aluminum frame modular design converts easily from cart to skid

#### **TECHNICAL DATA**

| Model         | Part No.    | GPM | PSI  | Drive  | Start    | Pump      | сс  | Engine       | CARB* | Ship<br>Weight<br>(lbs) | sions<br>(L x W x H)<br>Inches |  |
|---------------|-------------|-----|------|--------|----------|-----------|-----|--------------|-------|-------------------------|--------------------------------|--|
| HD 3.0/27 G   | 9.807-719.0 | 3.0 | 2700 | Direct | Recoil   | Crankcase | 196 | Honda GX200  | Yes   | 112                     | 45 x 28 x 29                   |  |
| HD 3.5/35 G   | 9.807-720.0 | 3.5 | 3500 | Direct | Recoil   | Crankcase | 270 | Honda GX270  | No    | 130                     | 45 x 28 x 29                   |  |
| HD 3.5/35 G   | 1.107-421.0 | 3.5 | 3500 | Direct | Recoil   | Crankcase | 270 | Vanguard 300 | Yes   | 130                     | 45 x 28 x 29                   |  |
| HD 4.0/40 G   | 9.807-721.0 | 4.0 | 4000 | Direct | Recoil   | Crankcase | 389 | Honda GX390  | No    | 149                     | 45 x 28 x 29                   |  |
| HD 4.0/40 G   | 1.107-429.0 | 4.0 | 4000 | Direct | Recoil   | Crankcase | 389 | Vanguard 400 | Yes   | 149                     | 45 x 28 x 29                   |  |
| HD 4.0/40 Ge  | 9.807-722.0 | 4.0 | 4000 | Direct | Electric | Crankcase | 389 | Honda GX390  | No    | 158                     | 45 x 28 x 29                   |  |
| HD 4.0/40 Ge  | 1.107-435.0 | 4.0 | 4000 | Direct | Electric | Crankcase | 389 | Vanguard 400 | Yes   | 158                     | 45 x 28 x 29                   |  |
| HD 3.0/27 GB  | 9.807-723.0 | 3.0 | 2700 | Belt   | Recoil   | Crankcase | 196 | Honda GX200  | Yes   | 123                     | 45 x 28 x 29                   |  |
| HD 3.5/35 GB  | 9.807-724.0 | 3.5 | 3500 | Belt   | Recoil   | Crankcase | 270 | Honda GX270  | No    | 156                     | 45 x 28 x 29                   |  |
| HD 3.5/35 GB  | 1.107-422.0 | 3.5 | 3500 | Belt   | Recoil   | Crankcase | 270 | Vanguard 300 | Yes   | 156                     | 45 x 28 x 29                   |  |
| HD 4.0/40 GB  | 9.807-725.0 | 4.0 | 4000 | Belt   | Recoil   | Crankcase | 389 | Honda GX390  | No    | 160                     | 45 x 28 x 29                   |  |
| HD 4.0/40 GB  | 1.107-430.0 | 4.0 | 4000 | Belt   | Recoil   | Crankcase | 389 | Vanguard 400 | Yes   | 160                     | 45 x 28 x 29                   |  |
| HD 4.0/40 GeB | 9.807-726.0 | 4.0 | 4000 | Belt   | Electric | Crankcase | 389 | Honda GX390  | No    | 196                     | 45 x 28 x 29                   |  |
| HD 4.0/40 GeB | 1.107-434.0 | 4.0 | 4000 | Belt   | Electric | Crankcase | 389 | Vanguard 400 | Yes   | 196                     | 45 x 28 x 29                   |  |
| HD 5.0/30 GB  | 9.808-252.0 | 5.0 | 3000 | Belt   | Recoil   | Crankcase | 389 | Honda GX390  | No    | 160                     | 45 x 28 x 29                   |  |
| HD 5.0/30 GB  | 1.107-446.0 | 5.0 | 3000 | Belt   | Recoil   | Crankcase | 389 | Vanguard 400 | Yes   | 160                     | 45 x 28 x 29                   |  |

#### ACCESSORIES

|   | Order No.   | Description   |
|---|-------------|---|
|   | 8.750-247.0 | Trigger Gun, model M407   |
|   | 8.925-129.0 | Hose, 50' x 3/8", 1w, TS, SOXSW   |
| - | 8.783-039.0 | Lance 30" Zinc plated, handle & coupler<br>(for HD 3.0/27 AG, HD 3.0/27 AGB)  |
| • | 8.783-040.0 | Lance 44" Zinc plated, handle & coupler<br>(for HD 3.4/35 G, HD 4.0/41 G, HD 4.0/41 Ge,<br>HD 3.3/35 GB, HD 4.0/40 GB, HD 4.0/40 GeB) |
|   | 9.802-216.0 | Injector, Chem, NON ADJ, 0.083  |
|   | 8.712-429.0 | Nozzle  |
|   | 8.925-229.0 | Legacy, 100' x 3/8" ID, 6000 PSI, 2-wire, smooth cover, black high pressure hose  |
|   | 8.753-572.0 | A+ Surface Cleaner SC21   |

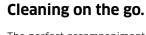
### **ACCESSORIES**

| Order No.   | Description                                     |
|-------------|---|
| 8.753-573.0 | A+ Surface Cleaner SC24                         |
| 9.302-243.0 | Legacy Turbo Nozzle, 4.0, 4350 PSI              |
| 8.710-620.0 | Legacy Superlite stainless steel, 72" - 56.0 oz |
| 9.807-754.0 | Skid mount feet                                 |
| 9.807-750.0 | 37.5" long handle                               |
| 9.807-753.0 | Lance holder                                    |
| 9.807-752.0 | Hose storage hook                               |
| 9.807-751.0 | Handle with hose reel                           |
| 8.929-509.0 | Hose reel kit for direct driven machines        |
| 8.929-511.0 | Hose reel kit for belt driven machines          |

### **HD SERIES GAS SKID**



### \*Pressure washer sold separate.



The perfect accompaniment to Kärcher's HD Series Gas and Teton Series direct drive pressure washers – these mild steel skids offer two configurations:

- 1. Skid with a 50 gallon water tank and one 100' hose reel
- 2. Skid with two 100' hose reels.

The HD Series Gas skids fit within a standard UTV / ATV bed and work with three different direct drive aluminum pressure washers to offer ultimate portability and usability for various applications.





#### **Features**

- 50 gallon water tank (HD Pallet Skid with Tank only)
- Forklift holes
- Includes skid feet
- 1 to 2, 100' hose reels
- Fits within standard UTV/ATV bed
- Assembly required

| TECHNICAL DATA                      |             |                |                                   |  |                   |                                       |
|-------------------------------------|-------------|----------------|-----------------------------------|--|-------------------|---------------------------------------|
| Model                               | Part No.    | Frame Material | Description                       | Compatible Pressure Washer (sold separately)   | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |
| HD Pallet Skid<br>with Tank         | 9.807-833.0 | Mild Steel     | 50 gal water tank and 1 hose reel | HD Series Gas direct drive<br>HD 3.0/27 G (9.807-719.0)  | 185               | 40 x 48 x 35                          |
| HD Pallet Skid<br>with 2 Hose Reels | 9.807-838.0 | Mild Steel     | 2 hose reels                      | HD 3.5/35 G (9.807-720.0)<br>HD 3.5/35 G (1.107-421.0)<br>HD 4.0/40 G (9.807-721.0)<br>HD 4.0/40 G (1.107-429.0)<br>HD 4.0/40 Ge (9.807-722.0)<br>HD 4.0/40 Ge (1.107-435.0) | 172               | 40 x 48 x 35                          |
|                                     |             |                |                                   | Teton Series direct drive<br>HD 3.0/27 G Teton (1.107-398.0)<br>HD 4.0/40 G Teton (1.107-399.0)<br>HD 4.0/40 Ge Teton (1.107-400.0)<br>HD 3.5/35 G Teton (1.107-440.0)       |                   |                                       |

#### **OPTIONS (FACTORY INSTALLED)**

| rder No.    | Description           |  |
|-------------|-----------------------|--|
| 8.923-105.0 | Rubber feet kit       |  |
| 8.923-107.0 | Inlet filter kit      |  |
| 8.923-106.0 | Lifting eye bolts kit |  |
| 8.923-108.0 | Three-way valve kit   |  |

 $\blacksquare$  Included  $\square$  Optional

## **HD CART**



### Compact and dependable.

The HD Carts are tough gasoline-powered direct-drive cold water machines that deliver cleaning power of up to 4000 PSI. Built on compact sturdy steel frames, each unit features a dependable industrial-grade Honda engine, Kärcher crankcase pump, hose/gun rack, detergent injection, and tubed pneumatic tires.















#### **Features**

- Steel frame with powder coat finish
- Commercial grade Honda GX engine
- Cleaning power up to 4000 PSI
- Industrial direct-drive Kärcher crankcase pump

### **TECHNICAL DATA**

| Model       | Part No.    | GPM | PSI  | Drive  | сс  | Engine      | Pump       | CARB* | Ship<br>Weight<br>(lbs) | Ship Dimensions<br>(L x W x H) Inches |
|-------------|-------------|-----|------|--------|-----|-------------|------------|-------|-------------------------|---------------------------------------|
| HD 2.3/24 P | 1.575-100.0 | 2.3 | 2400 | Direct | 163 | Honda GX160 | Kärcher KP | Yes   | 130                     | 35 x 21 x 24                          |
| HD 2.5/27 P | 1.575-101.0 | 2.5 | 2700 | Direct | 196 | Honda GX200 | Kärcher KP | Yes   | 135                     | 35 x 21 x 24                          |
| HD 3.0/30 P | 1.575-102.0 | 3.0 | 3000 | Direct | 270 | Honda GX270 | Kärcher KP | No    | 175                     | 35 x 21 x 24                          |
| HD 3.8/35 P | 1.575-104.0 | 3.8 | 3500 | Direct | 389 | Honda GX390 | Kärcher KS | No    | 185                     | 35 x 21 x 24                          |
| HD 3.5/40 P | 1.107-223.0 | 3.5 | 4000 | Direct | 389 | Honda GX390 | Kärcher KS | No    | 188                     | 35 x 21 x 24                          |

### **OPTIONS (FIELD INSTALLED)**

|  | Order No.   | Description                                 |  |  |  |  |  |  |  |
|--|-------------|---|--|--|--|--|--|--|--|
|  | 9.801-026.0 | 100' EZEE Hose Reel kit (hose not Included) |  |  |  |  |  |  |  |
| ■ Included □ Optional *CARB compliance required for sale in California |             |   |  |  |  |  |  |  |  |

### **HD PB CART**



### Reliable and professional.

Our cold-water series provides a broad selection of rugged belt-drive units, all with reliable Honda GX engines, which deliver cleaning volume of up to 3.7 GPM. Each model is certified to ETL safety standards and comes with a rugged steel chassis, cast iron belt pulley system, flat-free tires, and industrial-grade Kärcher crankcase pump.















#### **Features**

- Powder coated steel chassis
- Reliable Honda GX engine
- Onboard hose and lance storage
- Water volume up to 3.7 GPM
- Industrial belt-drive Kärcher pump
- Flat-free tires
- Quick connect nozzles

| TECHNICAL DATA |             |     |      |       |     |             |      |            |       |                   |                                       |  |  |  |
|----------------|-------------|-----|------|-------|-----|-------------|------|------------|-------|-------------------|---------------------------------------|--|--|--|
| Model          | Part No.    | GPM | PSI  | Drive | сс  | Engine      | Fuel | Pump       | CARB* | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |  |  |  |
| HD 3.0/30 PB   | 1.575-152.0 | 3.0 | 3000 | Belt  | 270 | Honda GX270 | Gas  | Kärcher KB | No    | 225               | 45 x 26 x 24                          |  |  |  |
| HD 3.7/35 PB   | 1.575-154.0 | 3.7 | 3500 | Belt  | 389 | Honda GX390 | Gas  | Kärcher KM | No    | 250               | 45 x 26 x 24                          |  |  |  |
| HD 3.0/40 PB   | 1.575-155.0 | 3.0 | 4000 | Belt  | 389 | Honda GX390 | Gas  | Kärcher KM | No    | 250               | 45 x 26 x 24                          |  |  |  |

<sup>\*</sup>CARB compliance required for sale in California

# HD PB / PEB / D CAGE



### Extra rugged and powerful.

Our roll cage models are the most powerful units in our cold water line, with cleaning power of up to 5000 PSI. Protected by either a rugged powder coated roll cage built of 1-1/4" steel or a corrosion-resistant stainless steel cage, these units feature powerful Vanguard, Honda or Kohler engines, tri-plunger oil bath Kärcher pumps, flat-free tires, and an extra rugged belt-drive assembly with notched V belts and cast iron pulleys.



POWERED BY













#### **Features**

- Belt-drive
- Rugged steel chassis & roll cage for PB and PEB models. Corrosionresistant stainless steel frame for D Cage model only
- Honda, Vanguard or new Kohler engine model HD 3.4/30 D Cage (Shown to the left)
- Electric start on dual-axle models
- Industrial belt-drive Kärcher pump with 7-year warranty
- Flat-free tires on all models

| <b>TECHNICAL</b> | DATA |
|------------------|------|
|                  |      |

| Model              | Part No.    | GPM | PSI  | Drive | сс  | Engine       | Fuel   | Pump       | CARB* | Ship<br>Weight<br>(Ibs) | Ship Dimensions<br>(L x W x H) Inches |
|--------------------|-------------|-----|------|-------|-----|--------------|--------|------------|-------|-------------------------|---------------------------------------|
| HD 3.7/35 PB Cage  | 1.575-205.0 | 3.7 | 3500 | Belt  | 389 | Honda GX390  | Gas    | Kärcher KM | No    | 350                     | 42 x 26 x 30                          |
| HD 4.0/40 PB Cage  | 1.575-207.0 | 4.0 | 4000 | Belt  | 479 | Vanguard 16  | Gas    | Kärcher KT | Yes   | 470                     | 42 x 26 x 30                          |
| HD 4.0/50 PeB Cage | 1.575-200.0 | 4.0 | 5000 | Belt  | 688 | Honda GX630  | Gas    | Kärcher KX | Yes   | 495                     | 42 x 26 x 30                          |
| HD 4.5/50 PeB Cage | 1.575-201.0 | 4.5 | 5000 | Belt  | 688 | Honda GX690  | Gas    | Kärcher KX | Yes   | 500                     | 42 x 26 x 30                          |
| HD 3.4/30 D Cage   | 1.107-373.0 | 3.4 | 3000 | Belt  | 442 | Kohler KD440 | Diesel | LM3540R.3  | Yes   | 195                     | 50 x 40 x 50                          |

### **OPTIONS (FIELD INSTALLED)**

| Order No.   | Description  |  |
|-------------|--|--|
| 9.801-028.0 | 100' EZEE Hose Reel kit, single axle (hose not Included)             |  |
| 9.801-029.0 | 100' Hose Reel kit, 5000 psi, double axle (hose not Included)        |  |
| 8.750-682.0 | 100' capacity Hose Reel fixed base (for HD 3.4/30 D Cage model only) |  |
| 8.929-070.0 | Skid feet (for HD 3.4/30 D Cage model only)                          |  |

■ Included □ Optional \*CARB compliance required for sale in California

# **HD 7.9/72-4 CAGE EC**



### Maximum power in a compact package.

The HD 7.9/72-4 Cage Ec high pressure cleaner features one-button operation and an automatic pressure relief valve, making it easy to use, while delivering the most powerful cleaning performance in its class for a variety of applications.





#### **Features**

- Built-in pressure relief valve reduces pressure in the hose, remaining flexible when the trigger gun is closed
- Pressure increases gradually when activating the trigger gun prevents sudden jolts
- Large wheels, crane hook and an optimal center of gravity ensure easy transportation, even over rough terrain

| TECHNICAL DATA      |             |       |     |                    |            |                       |                  |                   |                                       |  |  |  |  |
|---------------------|-------------|-------|-----|--------------------|------------|-----------------------|------------------|-------------------|---------------------------------------|--|--|--|--|
| Model No.           | Part No.    | PSI   | GPM | Max. Inlet<br>Temp | Pump       | Drive                 | Motor<br>Rating  | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |  |  |  |  |
| HD 7.9/72-4 Cage Ec | 1.367-163.0 | 7,200 | 7.9 | 140° F             | Crankshaft | E-Motor 460 V / 60 Hz | 30 kW /<br>41 HP | 699               | 51.9 x 29.4 x 43                      |  |  |  |  |

| AC | ACCESSORIES |                                      |  |  |  |  |  |  |  |  |  |  |  |
|----|-------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|    | Order No.   | Item Description                     |  |  |  |  |  |  |  |  |  |  |  |
|    | 4.760-679.0 | 28" spray lance (up to 9,280 PSI)    |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.391-847.0 | 66' pressure hose (up to 8,990 PSI)  |  |  |  |  |  |  |  |  |  |  |  |
|    | 5.765-263.0 | Flat jet nozzle, 060                 |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.637-017.0 | Add-on kit pre pressure pump         |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.639-251.0 | Shoulder support                     |  |  |  |  |  |  |  |  |  |  |  |
|    | 4.760-653.0 | 41" spray lance (up to 9,280 PSI)    |  |  |  |  |  |  |  |  |  |  |  |
|    | 4.760-677.0 | 81" spray lance (up to 9,280 PSI)    |  |  |  |  |  |  |  |  |  |  |  |
|    | 4.403-004.0 | Hose coupling                        |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.391-846.0 | 33' pressure hose (up to 8,990 PSI)  |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.391-019.0 | 100' pressure hose (up to 8,990 PSI) |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.113-073.0 | Flat jet nozzle, 075 (5,075 PSI)     |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.113-075.0 | Flat jet nozzle, 095 (3,625 PSI)     |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.113-077.0 | Flat jet nozzle, 120 (2,175 PSI)     |  |  |  |  |  |  |  |  |  |  |  |
|    | 5.765-264.0 | Point jet nozzle, 060                |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.113-074.0 | Point jet nozzle, 075 (5,075 PSI)    |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.113-076.0 | Point jet nozzle, 095 (3,625 PSI)    |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.113-078.0 | Point jet nozzle, 120 (2,175 PSI)    |  |  |  |  |  |  |  |  |  |  |  |

| Included | □ Optional |
|----------|------------|

| AC | ACCESSORIES |   |  |  |  |  |  |  |  |  |  |  |  |
|----|-------------|---|--|--|--|--|--|--|--|--|--|--|--|
|    | Order No.   | Item Description                          |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.415-060.0 | F9 power rotary jet (7,200 PSI)           |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.025-526.0 | F9 power rotary jet repair kit            |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.392-401.0 | 33' pipe cleaning hose                    |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.392-402.0 | 66' pipe cleaning hose                    |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.392-403.0 | 100' pipe cleaning hose                   |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.470-223.0 | Foot valve                                |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.025-527.0 | Pipe cleaning nozzle, Standard 060        |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.025-528.0 | Pipe cleaning nozzle, Quattro 060         |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.025-529.0 | Pipe cleaning nozzle, Rotary 060          |  |  |  |  |  |  |  |  |  |  |  |
|    | 2.643-577.0 | FRI 50 Me industrial surface cleaner, 20" |  |  |  |  |  |  |  |  |  |  |  |
|    | 6.415-059.0 | Nozzle kit for FRI 50 Me                  |  |  |  |  |  |  |  |  |  |  |  |

# **MOBILE HOT WATER GENERATOR**



### Hot water heater.

For attaching to a cold water pressure washer.

Our Kärcher Series water heater provides supplemental heat to cold water machines, giving users the benefits of hot water cleaning when it's needed. An electric-powered, diesel heated unit, the Heater 5.0/30 Ed effectively heats water at a rate of up to 5 gallons per minute.







### **Features**

- Effective heating of up to 5 GPM
- Heavy-duty, steel cabinet protected by an epoxy powder coat finish
- Portable

| TECHNICAL DATA   | FECHNICAL DATA |      |            |            |      |           |                   |                                       |  |  |  |  |  |  |
|------------------|----------------|------|------------|------------|------|-----------|-------------------|---------------------------------------|--|--|--|--|--|--|
| Model            | Part No.       | GРM  | PSI        | Electrical | Amps | Heated By | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |  |  |  |  |  |  |
| Heater 5.0/30 Ed | 1.575-650.0    | to 5 | up to 3000 | 120V / 1ph | 5    | Diesel    | 330               | 35 x 47 x 50                          |  |  |  |  |  |  |

### STATIONARY HOT WATER GENERATOR SERIES





### Heating modules.

The 9400 Series heating modules give customers the flexibility to "convert" a cold water pressure washer into a hot water unit. By attaching the heating module to a cold water pressure washer the pressurized water is now heated to produce all the benefits of hot water cleaning. The four models use fuel oil, diesel or natural gas to heat the water using Kärcher's high-efficiency, vertical heating coil.





Model 9452

Model 9462





#### **Features**

- Fuel burner types available: diesel, kerosene, home heating oil, natural gas, LP gas (optional)
- All models are equipped with a flow switch to control the burner
- Heavy-duty, steel cabinet

| TEC  | FECHNICAL DATA |     |      |           |     |            |     |                      |                   |  |  |  |  |  |  |
|------|----------------|-----|------|-----------|-----|------------|-----|----------------------|-------------------|--|--|--|--|--|--|
| Mod  | el Part No.    | GPM | PSI  | Volt / PH | сс  | BTU / Hour | АМР | Fuel                 | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H)<br>Inches |  |  |  |  |  |
| 9450 | 1.103-905.0    | 10  | 3200 | 115/1     | 389 | 700,000    | 8   | Oil-Fired            | 525               | 32.5 x 25 x 50.5                         |  |  |  |  |  |
| 945  | 2 1.103-906.0  | 10  | 3200 | 115/1     | 479 | 540,000    | 1   | Natural - Gas- Fired | 500               | 32.5 x 25 x 50.5                         |  |  |  |  |  |
| 9460 | 1.103-907.0    | 10  | 3200 | 115/1     | 688 | 920,000    | 8   | Oil-Fired            | 920               | 40.5 x 32 x 65                           |  |  |  |  |  |
| 946  | 1 103-908 0    | 10  | 3200 | 115/1     | 688 | 920.000    | 1   | Natural - Gas- Fired | 935               | 40.5 x 32 x 65                           |  |  |  |  |  |

# OPTIONS (FIELD INSTALLED) Order No. Description □ 8.903-076.0 Natural-Gas to LP Conversion for Model 9452 (Factory Installed) □ 8.903-075.0 Natural-Gas to LP Conversion for Model 9462 (Factory Installed) □ 9.801-040.0 10" Natural Gas-Fired Draft Diverter for Model 9452 □ 8.717-730.0 12" Natural Gas-Fired Draft Diverter for Model 9462 □ 8.749-806.0 10" Power Dampener □ 8.753-171.0 12" Power Dampener □ 8.749-807.0 Power Dampener Wiring Harness

### **MISSISSIPPI RECOVERY**



### Siphon muddy waters away.

Stop wash water from flowing down a drain or away from your area by collecting the wastewater from pressure washing. As EPA laws become more prevalent and strive to conserve water quality, contract cleaners and construction sites will need to recover their wash water and runoff. Eliminate the problem with the Mississippi Recovery series that is capable of recovering and transferring up to 30 GPM of water and transferring to a holding tank. Its small footprint allows the Mississippi to be mounted on a trailer. Be fully in control of water flow with the optional water dikes and drain covers to stop water from flowing down a drain or away from your site. Comes standard with 50' feet of vacuum hose and a scupper head.







#### **Features**

- 3 stage vacuum motor delivers 100 CFM 100" sealed lift vacuum
- Simple curbside controls for easy use
- Rated for water up to 120°F
- Compatible with hot water machines and surface cleaners
- Bolt-on mounting system configured on the base to mount to a trailer for portability from site to site or optional caster wheel kit
- Drain port and filter basket together to keep sludge from clogging

| TECHNICAL DATA       |             |                 |           |                                  |     |          |                   |                                       |  |  |  |  |  |
|----------------------|-------------|-----------------|-----------|----------------------------------|-----|----------|-------------------|---------------------------------------|--|--|--|--|--|
| Model                | Part No.    | Electri-<br>cal | Tank      | Vac Motor                        | АМР | Recovery | Ship Weight (lbs) | Ship Dimensions<br>(L x W x H) Inches |  |  |  |  |  |
| Mississippi Recovery | 1.103-516.0 | 120V            | 27 Gallon | 3 Stage 100 CFM 100" sealed lift | 15  | 30 GPM   | 127               | 24 x 27 x 59                          |  |  |  |  |  |

### **ACCESSORIES**

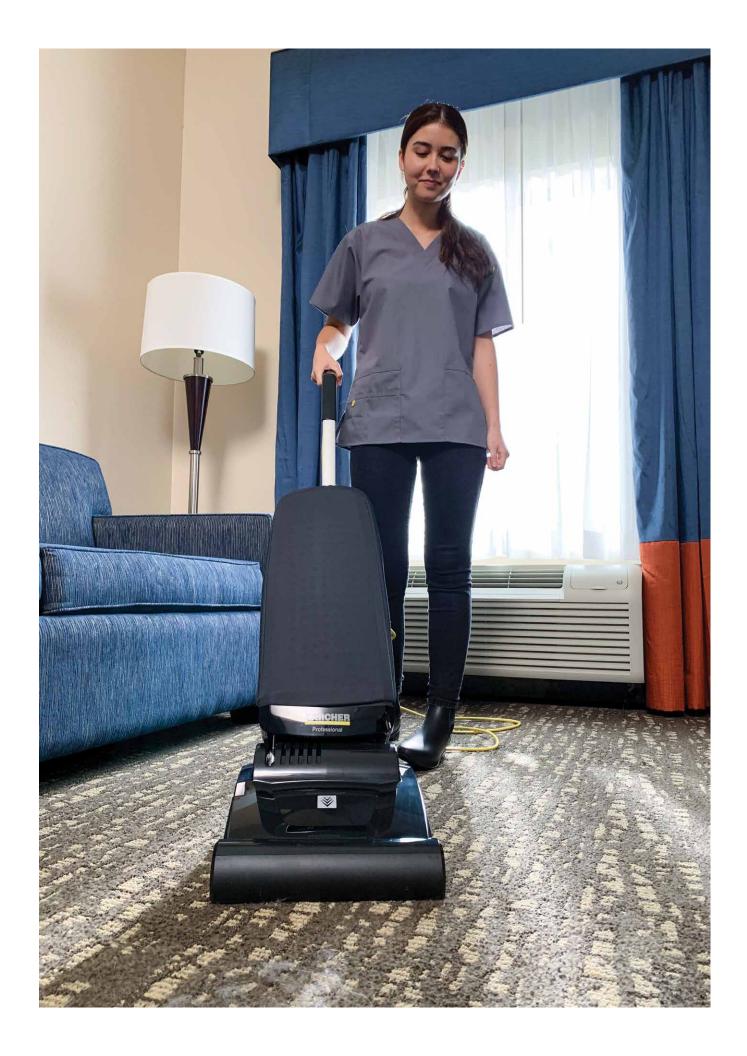
| Order No.   | Description                     |
|-------------|---------------------------------|
| 8.618-451.0 | 50' of High Temp 2" Vacuum Hose |
| 8 928-850 0 | Scupper Head                    |

### **OPTIONS (FIELD INSTALLED)**

| Order No.   | Description                      |  |
|-------------|----------------------------------|--|
| 9.113-972.0 | 21" Vac Recovery Surface Cleaner |  |
| 8.928-887.0 | Caster Wheel Kit                 |  |
| 8.925-858.0 | Vacuum Discharge Hose Kit        |  |

#### **DRAIN COVERS AND WATER DIKES**

| Order No.   | Description                      |
|-------------|----------------------------------|
| 8.751-135.0 | Drain Cover, 36" x 36", 30oz PVC |
| 8.751-136.0 | Drain Cover, 48" x 48", 30oz PVC |
| 8.751-137.0 | Drain Cover, 48" x 48", Urethane |
| 8.751-138.0 | Water Dike, 10', 22oz PVC        |
| 8.751-139.0 | Water Dike, 10', 40oz Urethane   |
| 8.751-140.0 | Water Dike, 20', 22oz PVC        |
| 8.751-141.0 | Water Dike, 20', 40oz Urethane   |



# **EB 30/1**



### The quick clean-up tool.

This ultra-quiet and compact sweeper is perfect for quick clean-ups in busy and crowded areas. The rechargeable battery pack ensures safety by eliminating trip hazards. The EB 30/1 is built to handle small cleaning jobs in professional working environments.

### **Designed for high-traffic environments**

- Cordless electric sweeper designed for commercial applications
- Flexible and professional interim clean-up
- Powerful, rechargeable battery provides for up to 45 minutes of operation on hard surface and up to 30 minutes on carpet
- Extremely quiet operation allows for cleaning even during business hours, making it ideal for use in noise sensitive areas
- Optional high-speed battery charger available for complete charging in 50 minutes

### EB 30/1

|                              |     | LD 30/1      |
|------------------------------|-----|--------------|
| TECHNICAL SPECIFICATIONS     |     |              |
| Cleaning path                | in  | 12           |
| Container capacity           | in³ | 67           |
| Operating noise level        | dBA | 56           |
| Battery runtime              | min | 30 - 45      |
| Standard battery charge time | hr  | 1            |
| Weight                       | lbs | 6            |
| Dimensions (L x W x H)       | in  | 10 x 12 x 43 |

### **EQUIPMENT**

| EQUIPMENT   |   |  |
|-------------|---|--|
| Order No.   | Description                                   |  |
| 1.545-121.0 | EB 30/1, lithium-ion battery-operated sweeper |  |

### ACCESSORIES

|   | Order No.   | Description  |
|---|-------------|--|
| • | 6.654-328.0 | Lithium-ion battery                                    |
| - | 6.654-197.0 | Quick battery charger for EB 30/1                      |
|   | 4.762-400.0 | Cylindrical brush                                      |
|   | 4.762-401.0 | Cylindrical stiff red brush, for hard-wearing surfaces |

# KM 70/20 C





### Superior performance with manual power.

Speedy sweeping and painless maintenance rolled into one convenient package. This sweeper provides superior sweeping performance in a compact manual push sweeper. It is built to be rugged and durable for long life.

### Fast and efficient

- Push sweepers are the easy way to clean paths, halls, sidewalks and warehouses quickly and conveniently
- Main cylindrical brush is driven by both wheels so that it sweeps equally well in either right or left turns

### **Built to last**

- Rugged metal pinion drive for long life
- Durable design

### Easy to use

Height of cylindrical brush can be easily adjusted in five positions by a knob on the handle

### KM 70/20 C

| TECHNICAL SPECIFICATIONS        |           |                     |
|---------------------------------|-----------|---------------------|
| Cleaning path/width- main broom | in        | 19                  |
| Cleaning path/width with 1 sb   | in        | 28                  |
| Cleaning path/width with 2 sb   | in        | 36                  |
| Side broom diameter             | in        | 13                  |
| Debris container capacity       | gal       | 11                  |
| Practical productivity          | sq. ft/hr | 30,000              |
| Weight                          | lbs       | 50.7                |
| Dimensions (L x W x H)          | in        | 51.2 x 30.14 x 40.7 |

### **EQUIPMENT**

| EQUIT MILITI |   |
|--------------|---|
| Order No.    | Description   |
| 1.517-106.0  | KM 70/20 C, twenty eight inch walk-behind sweeper                 |
| 1.517-107.0  | KM 70/20 C 2SB, thirty six inch walk-behind sweeper, dual brushes |

### **ACCESSORIES**

|   | Order No.   | Description   |
|---|-------------|---|
| - | 6.966-005.0 | Side broom, water-resistant bristles, extremely durable, suitable for all types of surfaces |
| - | 6.906-041.0 | Main broom, water-resistant bristles, extremely durable, suitable for all types of surfaces |
| • | 4.040-772.0 | Dust Filter   |
|   | 2.640-908.0 | Litter picker–for picking up waste  |

# **KM 70/30 C BP ADV**







# Efficient sweeping on hard or soft floors.

Fast and efficient for sweeping indoors or outdoors-on hard floor or carpet for those that need to get the job done right the first time. Rely on this sweeper to make quick work of any sweeping needs with its highly productive electronic driven broom. It also features active dust control for optimum air quality. User-friendly features such as an easy adjust broom height and an adjustable handle height make this a popular machine with those who use it.

### **Productive sweeping**

- Delivers fast, efficient sweeping for hard and soft floor surfaces
- 28 inch cleaning path

### We thought of you

- For a wide range of applications indoors and outdoors, with a particularly quiet battery drive system at 69 dBA
- Features Active Dust Control with a separate fan and flat pleated filter for dustless sweeping indoors
- Simple adjustment of the main cylindrical broom and side broom

### **KM 70/30 C BP ADV**

| TECHNICAL SPECIFICATIONS        |                  |                  |
|---------------------------------|------------------|------------------|
| Cleaning path/width- main broom | in               | 19               |
| Cleaning path/width with 1 sb   | in               | 28               |
| Side broom diameter             | in               | 13               |
| Debris container capacity       | gal              | 11               |
| Practical productivity          | sq. ft/hr        | 30,800           |
| Operating noise level           | dBA              | 59               |
| Sweeping method                 | direct/overthrow | direct           |
| Weight                          | lbs              | 105.8            |
| Dimensions (L x W x H)          | in               | 48.8 x 28 x 45.2 |

### **EQUIPMENT**

| Order No.   | Description  |
|-------------|--|
| 1 517-218 0 | KM 70/30 C Bn Adv. twenty eight inch walk-hehind sweeper |

### **ACCESSORIES**

| Order No.   | Description   |  |
|-------------|---|--|
| 6.966-005.0 | Side broom, water-resistant bristles, extremely durable, suitable for all types of surfaces                             |  |
| 6.906-041.0 | Main broom, water-resistant bristles, extremely durable, suitable for all types of surfaces                             |  |
| 6.904-367.0 | Flat dust filter  |  |
| 2.640-908.0 | Litter picker–for picking up waste  |  |
| 5.731-625.0 | Filter element - plastic filter, water resistant, washable, saves maintenance costs                                     |  |
| 6.907-041.0 | Standard cylindrical broom - water-resistant universal bristles, extremely durable, suitable for all types of surfaces. |  |

# **KM 75/40 W BP**



### Self-propelled for increased productivity.

Big enough to get the job done, but maneuverable to clean congested areas, count on the KM 75/40 W Bp for your sweeping needs. This machine provides the versatility to clean anywhere–carpet or hard floors, indoors or out. We built it to perform day in and day out in the toughest commercial applications.

### **Highly productive**

- Cleans effectively indoors and out for increased versatility
- Self-propelled, 30 inch cleaning path for increased productivity
- Easy to understand controls increase operator effectiveness
- Over throw sweeping system with an easily removed hopper make emptying quick and efficient

### Improved air quality

- Active dust control system provides better air quality
- Air is vacuumed through a high-efficiency automotive style filter
- Manual filter shaker for easy cleaning and consistent results
- Wet-sweep bypass for cleaning wet surfaces





### KM 75/40 W BP

| TECHNICAL SPECIFICATIONS        |                  |                |
|---------------------------------|------------------|----------------|
| Cleaning path/width- main broom | in               | 22             |
| Cleaning path/width with 1 sb   | in               | 30             |
| Side broom diameter             | in               | 16.5           |
| Debris container capacity       | gal              | 10.5           |
| Practical productivity          | sq. ft/hr        | 36,328         |
| Operating noise level           | dBA              | 64             |
| Sweeping method                 | direct/overthrow | overthrow      |
| Weight                          | lbs              | 172            |
| Dimensions (L x W x H)          | in               | 56 x 30 x 46.5 |

#### FOLIPMENT

| EQUIFINIENT |  |
|-------------|--|
| Order No.   | Description                                    |
| 9.840-739.0 | KM 75/40 W Bp, thirty inch walk-behind sweeper |

### **ACCESSORIES**

| *************************************** |        |  |  |
|---|--------|--|--|
| Order                                   | r No.  | Description  |  |
| ■ 8.631                                 | -173.0 | Battery, 12V AGM 70 Ah   |  |
| ■ 8.629                                 | -377.0 | Automatic shelf charger, 24V, 24A, 115V, standard on AGM models  |  |
| ■ 6.905                                 | -626.0 | Side Broom, Soft Bristle   |  |
| ■ 6.906                                 | -884.0 | Main Broom   |  |
| <b>■</b> 5.731                          | -635.0 | Flat pleated filter–plastic filter, water resistant, washable, reduces maintenance costs   |  |
| □ 6.634                                 | -201.0 | Red key  |  |
| □ 6.905                                 | -625.0 | Side broom, hard for heavy-duty cleaning   |  |
| □ 6.906                                 | -885.0 | Main Broom, Hard Bristle   |  |
| □ 6.906                                 | -950.0 | Anti-Static Rolling Brush  |  |
| □ 2.641-                                | -571.0 | Carpet Sweeping Kit (includes fluff filter, anti-static cylindrical brush and triple caster)                                       |  |
| □ 6.906                                 | -886.0 | Main cylindrical broom, soft/natural - specifically designed with natural bristles for sweeping fine dust on smooth indoor floors. |  |
|   |        |  |  |

 $\blacksquare$  Included  $\square$  Optional

# KM 85/50 R BP



# Compact, agile and intuitive.

The KM 85/50 R Bp is a battery-powered ride-on sweeper perfect for confined and congested areas. Its compact design and high maneuverability make cleaning faster than ever in narrow corridors and around sharp corners. It is extremely easy to operate and maintain, and boasts impressive area performance outdoors.

### Efficient filter system

- Polyester flat pleated filter
- Effective cleaning with dual scraper

### Ergonomic design for enhanced performance and comfort

- Clear and simple operation for all components
- Easy, tool-free seat adjustment for operator comfort
- Adjustable rotation speed depending on type of dirt
- Drives through door openings as narrow as 36"



### KM 85/50 R BP

| TECHNICAL SPECIFICATIONS          |                  |                 |
|-----------------------------------|------------------|-----------------|
| Cleaning path/width- main broom   | in               | 24.2            |
| Cleaning path/width with 1 sb     | in               | 33.5            |
| Cleaning path/width with 2 sb     | in               | 41.3            |
| Side broom diameter               | in               | 16.5            |
| Debris container capacity         | gal              | 13.2            |
| Practical productivity - 1 / 2 sb | sq. ft/hr        | 32,940 / 40,685 |
| Operating noise level             | dBA              | 69              |
| Sweeping method                   | direct/overthrow | direct          |
| Weight                            | lbs              | 555             |
| Dimensions (L x W x H)            | in               | 50 x 35 x 46    |

### **EQUIPMENT**

| LQUII IVILITI |  |
|---------------|--|
| Order No.     | Item Description                               |
| 9.841-453.0   | KM 85/50 R Bp Wet, 1 side broom, shelf charger |
| 9.841-454.0   | KM 85/50 R Bp AGM, 1 side broom, shelf charger |

### **ACCESSORIES**

| ~ | CESSORIES   |  |
|---|-------------|--|
|   | Order No.   | Item Description                       |
|   | 4.762-430.0 | Main brush, standard                   |
| • | 6.906-132.0 | 1-side brush, standard                 |
|   | 6.435-773.0 | Pneumatic tire (1 each)                |
|   | 5.731-585.0 | Flat Filter complete                   |
|   | 6.435-431.0 | Solid rubber non-marking wheel         |
|   | 4.762-442.0 | Main brush, soft                       |
|   | 4.762-443.0 | Main brush, hard                       |
|   | 4.762-441.0 | Main brush, antistatic                 |
|   | 6.905-626.0 | Side brush, soft                       |
|   | 6.905-625.0 | Side brush, hard                       |
|   | 2.852-499.0 | Carpet cleaning kit                    |
|   | 2.852-321.0 | Additional left side brush kit         |
|   | 2.852-500.0 | Warning beacon                         |
|   | 5.035-488.0 | Home Base kit (adapter and cable hook) |
|   | 6.980-077.0 | Double Hook (requires 5.035-488.0)     |

 $\blacksquare$  Included  $\square$  Optional

# **KM 90/60 R BP ADV**



### **Built for tough environments.**

Sweep large areas quickly with this highly maneuverable, ride-on sweeper that increase productivity and safety. This machine cleans multiple surfaces, from tough industrial flooring to soft carpet. Its innovative Tact filter cleaning system extends the filter life, saving you money.

### Highly productive sweeping

- Automatic, continuous sweeping
- Overthrow sweeping



### **KM 90/60 R BP ADV**

| TECHNICAL SPECIFICATIONS        |                  |                  |
|---------------------------------|------------------|------------------|
| Cleaning path/width- main broom | in               | 24.2             |
| Cleaning path/width with 1 sb   | in               | 35.4             |
| Cleaning path/width with 2 sb   | in               | 45.3             |
| Side broom diameter             | in               | 16.5             |
| Debris container capacity       | gal              | 16               |
| Practical productivity - 2 sb   | sq. ft/hr        | 47,520           |
| Operating noise level           | dBA              | 69               |
| Sweeping method                 | direct/overthrow | direct           |
| Weight                          | lbs              | 782              |
| Dimensions (L x W x H)          | in               | 64 x 38.5 x 49.5 |

### **EQUIPMENT**

| -40         |  |
|-------------|--|
| Order No.   | Description  |
| 9.841-246.0 | KM 90/60 R Bp Adv, 1SB, $2 \times 12V/225$ Ah wet batteries, shelf charger |
| 9.841-247.0 | KM 90/60 R Bp Adv, 1SB, 2 x 12V/234 Ah AGM batteries, shelf charger        |
| 9.841-248.0 | KM 90/60 R Bp Adv, 2SB, 2 x 12V/225 Ah wet batteries, shelf charger        |
| 9.841-249.0 | KM 90/60 R Bp Adv, 2SB, $2 \times 12V/234$ Ah AGM batteries, shelf charger |

### ACCESSORIES

| ACCESSORIES   |   |
|---------------|---|
| Order No.     | Description   |
| ■ 4.762-430.0 | Main broom  |
| ■ 6.906-132.0 | Side broom  |
| ■ 6.907-519.0 | TACT Filter (2 required)  |
| □ 5.035-488.0 | Home Base kit (adapter and cable hook)  |
| □ 6.980-078.0 | Mop clip (requires 5.035-488.0)   |
| □ 6.980-080.0 | Bottle Hook (requires 5.035-488.0)  |
| □ 6.907-023.0 | Anti-static rolling brush   |
| □ 4.762-443.0 | Main cylindrical brush, hard  |
| □ 4.762-442.0 | Main cylindrical brush, soft/natural  |
| □ 6.905-625.0 | Side broom, hard for heavy-duty cleaning  |
| □ 2.642-693.0 | Side brush kit, left  |
| □ 2.851-334.0 | Carpet sweeping kit (includes anti-static rolling brush)  |
| □ 2.642-989.0 | Warning beacon revolving signal light   |
| □ 6.414-532.0 | Round filter - plastic filter, water-resistant, washable, saves maintenance costs. (Fits previous KM 90/60 R Bp without Tact)         |
| □ 4.762-442.0 | Main cylindrical brush, soft/natural-with natural bristles, ideal for sweeping fine dust on smooth surfaces both indoors and outdoors |
| □ 8.628-341.0 | 12V/225 Ah wet batteries  |
| □ 8.622-843.0 | Battery pack 234 Ah AGM, 3 required   |

# PUZZI™ 8/1 C



### Handy and compact for easy spot cleaning.

The handy, compact and powerful Puzzi™ 8/1 C spray extraction cleaner is ideal for small areas and interim cleaning with excellent cleaning results.

### Easy to use

- Foot switch makes it easy to turn on and off no bending required
- Transparent dome lid for easy-to verify operation

### Easy to transport

- Swivel casters for easy maneuvering
- Lightweight at less than 20 lbs., it can be carried up and down stairs without strain

### **Smart features**

- 8' high-pressure solution and vacuum hose
- Removable dirty water tank

### PUZZI™ 8/1 C

| TECHNICAL SPECIFICATIONS   |           |                  |
|----------------------------|-----------|------------------|
| Solution/recovery capacity | gal       | 2.1 / 1.8        |
| Operating noise level      | dBA       | 71               |
| Power cord length          | ft        | 33               |
| Vacuum                     | hp, stage | 1.5 hp           |
| Water lift                 | in        | 88               |
| Pump pressure              | psi       | 14.5 - 43.5      |
| Flow rate                  | gpm       | 0.26             |
| Weight                     | lbs       | 22               |
| Dimensions (L x W x H)     | in        | 22.5 x 13 x 17.3 |

### **EQUIPMENT**

| Order No.   | Description  |  |
|-------------|--|--|
| 1.100-228.0 | Puzzi™ 8/1 C, with 98-inch spray hose with integrated water feed and hand tool |  |

#### ACCESSORIES

|   | Order No.   | Description   |
|---|-------------|---|
| - | 6.394-826.0 | 8-foot hose, complete with couplings                                |
| - | 4.103-000.0 | Handhold complete   |
| - | 4.103-001.0 | Upholstery nozzle   |
|   | 2.638-778.0 | Window cleaning kit with 6.5Ft hose, (requires 2.389-293.0 coupler) |
|   | 4.130-083.0 | Venetian blind kit (requires 6.389-293.0 coupler)                   |
|   | 4.130-444.0 | Stair cleaning tool, 9-inch   |
|   | 6.391-411.0 | 13-foot high pressure solution & vacuum hose                        |
|   | 4.130-117.0 | Stone & hard surface nozzle   |
|   | 4.762-219.0 | Hard surface adapter for standard hand tool                         |
|   | 4.130-010.0 | Crevice nozzle  |
|   | 4.130-007.0 | Carpet floor wand complete (240mm)                                  |
|   | 4.762-014.0 | Hard surface adapter for floor wand (240mm)                         |

# **BRC 30/15 C**









### Compact, fast and simple extraction.

Get acquainted with the faster, simpler solution for small area extraction. The BRC 30/15 C is designed to productively clean carpet with less effort, resulting in time-saving productivity gains. In interest of simplicity this machine requires minimal service. It is lightweight and compact for ease of use and transportability.

### **Compact deep cleaning solution**

■ High performance vacuum motor for faster drying time

### Extraction is no sweat

- Quiet, lightweight, easy to use
- Designed for minimal service

### Portable and mobile

- Large 10-inch non-marking wheels for easy transport and maneuverability
- Fold-down handle for easy transportation in any vehicle

### BRC 30/15 C

| TECHNICAL SPECIFICATIONS       |              |
|--------------------------------|--------------|
| Cleaning path/width in         | 10.5         |
| Solution/recovery capacity gal | 4.5 / 4      |
| Operating noise level dBA      | 77           |
| Power cord length ft           | 25           |
| Vacuum hp, stage               | 1.5, 3       |
| Water lift in                  | 120          |
| Pump pressure psi              | 26           |
| Flow rate gpm                  | 0.38         |
| Weight Ibs                     | 79           |
| Dimensions (L x W x H) in      | 23 x 14 x 28 |

### **EQUIPMENT**

| EQUIF MENT  |  |
|-------------|--|
| Order No.   | Description                            |
| 1.008-058.0 | BRC 30/15 C, 4 gallon carpet extractor |

### **ACCESSORIES**

|   | Order No.   | Description   |  |  |
|---|-------------|---|--|--|
|   | 8.621-604.0 | Brush, chevron, 10-inch   |  |  |
| - | 8.629-552.0 | Brush, extractor, natural bristles                              |  |  |
|   | 8.631-030.0 | Assembly, adapter (1/8"m x 1/4" fpt nipple)                     |  |  |
|   | 8.629-036.0 | Hose and hand tool kit, bag included                            |  |  |
|   | 8.600-075.0 | Adapter 1/8 to 1/4 quick-disconnect for accessory solution hose |  |  |



# Nothing matches the value and ease-of-use of the Cadet™ 7 self-contained extractor.

It is easy to see why the  $Cadet^{\mathsf{TM}}$  7 is such a popular extractor. It has proven itself as a reliable, robust machine that deep cleans carpets to like-new. Operator controls are intuitive and ergonomic for hours of pain-free operation.

### Brilliant deep clean

- Efficiently deep cleans carpet
- Floating vacuum shoe for superior recovery

### **Unmatched value**

- The deep cleaning value choice
- Robust design built for reliability

### Easy-to-use

- No-hose design makes it simple to fill and empty
- Ergonomic design reduces operator fatigue

### CADET 7

|                            |           | CADELY         |
|----------------------------|-----------|----------------|
| TECHNICAL SPECIFICATIONS   |           |                |
| Cleaning path/width        | in        | 15             |
| Solution/recovery capacity | gal       | 7 / 7          |
| Practical productivity     | sq.ft/hr  | 2,100          |
| Operating noise level      | dBA       | 69             |
| Power cord length          | ft        | 50             |
| Vacuum                     | hp, stage | 1.5, 3         |
| Water lift                 | in        | 120            |
| Pump pressure              | psi       | 90             |
| Flow rate                  | gpm       | 0.57           |
| Weight                     | lbs       | 87             |
| Dimensions (L x W x H)     | in        | 41 x 17.5 x 34 |

### **EOUIPMENT**

| - <b>4</b>  |   |  |  |  |
|-------------|---|--|--|--|
| Order No.   | Description                             |  |  |  |
| 1.008-022.0 | Cadet™ 7, seven gallon carpet extractor |  |  |  |

### **ACCESSORIES**

| Order No.   | Description  |
|-------------|--|
| 9.808-240.0 | Air quality MicroFilter™ kit for Clipper™ 12 / Admiral™ 8 / Cadet™ 7, includes 2 filters and stainless steel bracket |
| 8.623-611.0 | One air quality MicroFilter™ refill  |
| 8.623-411.0 | Power cord   |

# **RANGER**



# Workhorse durability and premium features at a competitive price.

Specifically designed for the budget hotel sector without sacrificing performance or reliability. This vacuum uses an energy efficient impeller style system that will make quick work of any cleaning job. Plus, the manual height adjustment means you can use it on different types of carpet, as well as hard floor surfaces with ease. For a professional vacuum that doesn't skimp on quality or features, choose the Ranger upright vacuum.

### **Productivity in mind**

- Flat to floor feature allows the vacuum to easily clean under beds and furniture
- Manual height adjustment for different types of flooring
- Breath easier with the HEPA rated vacuum bag

### Low total cost of ownership

- Long life belt backed by a two-year warranty
- Safety mechanism prevents damage to vac extending life of brush
- Break-away foot pedal designed to prevent damage

### **RANGER**

| TECHNICAL SPECIFICATIONS |           |              |  |
|--------------------------|-----------|--------------|--|
| Cleaning Path            | in        | 12           |  |
| Productivity (Practical) | sq. ft/hr | 2,510        |  |
| Dust Bag                 | qt        | 5.6          |  |
| Power                    | w         | 480          |  |
| Power Cord               | ft        | 25           |  |
| Noise Level              | dBA       | 78           |  |
| Weight                   | lbs       | 13.4         |  |
| Dimensions (L x W x H)   | in        | 15 x 13 x 46 |  |

#### FOLIPMENT

| QUIPMENT    |                           |
|-------------|---------------------------|
| Order No.   | Item Description          |
| 1.012-900.0 | Ranger 12" upright vacuum |

### ACCESSORIES

| Order No.     | Description               |
|---------------|---------------------------|
| ■ 8.600-495.0 | 12-inch brush roller      |
| □ 8.645-209.0 | HEPA filter bags, 10 pack |

<sup>■</sup> Included □ Optional

<sup>\*</sup> Ask about discounted pallet pricing.

# CVS 65/1 BP



### The carpet specialist for different carpet styles.

The CVS 65/1 BP Pack is an impressive battery-operated carpet sweeper. The 36V lithium-ion battery allows for up to 60 minutes of continuous operation, or 19,375 sq ft, on a single charge. The efficient, two-step filter system comprising of a pre-filter and a PTFE-coated flat pleated filter for dust classes L and M ensures dust-free working, while its low operating noise of just 56 dB(A) also allows for use in noise-sensitive areas.

### **Optimized sweeping**

- High productivity works on hard floors too!
- Big carpet surfaces can be cleaned up efficiently in short time

### 36/75 Power+ Battery

- Easily note remaining battery capacity
- Productive and efficient use of the machine
- Possible to run several machines on the same battery platform





### CVS 65/1 BP

| TECHNICAL SPECIFICATIONS        |                  |                |  |
|---------------------------------|------------------|----------------|--|
| Cleaning path/width- main broom | in               | 18             |  |
| Cleaning path/width with 1 sb   | in               | 26             |  |
| Side broom diameter             | in               | 10             |  |
| Debris container capacity       | gal              | 5              |  |
| Practical productivity          | sq. ft/hr        | 19,375         |  |
| Operating noise level           | dBA              | 56             |  |
| Sweeping method                 | direct/overthrow | direct         |  |
| Weight                          | lbs              | 88             |  |
| Dimensions (L x W x H)          | in               | 30 x 26.5 x 21 |  |

### **EQUIPMENT**

| •           |                  |
|-------------|------------------|
| Order No.   | Description      |
| 1 517-302 0 | CVS 65/1 Bn Pack |

### **ACCESSORIES**

|                                     | Order No.   | Description                      |  |
|-------------------------------------|-------------|----------------------------------|--|
| •                                   | 2.445-075.0 | 5.0 Battery Power+ 36 V          |  |
| •                                   | 2.445-053.0 | Fast Charger Battery Power+ 36 V |  |
| ■ 2.886-002.0 Main broom antistatic |             | Main broom antistatic            |  |
| •                                   | 2.884-355.0 | Side brush standard              |  |
| •                                   | 6.907-449.0 | Flat dust filter                 |  |
|                                     | 5.745-280.0 | Pre-filter                       |  |
|                                     | 5.032-196.0 | Homebase bag                     |  |
|                                     | 2.884-358.0 | Set of 10 disposal bags          |  |

# NT 30/1 TACT TE



### Stronger and sturdier than ever.

This powerful vacuum cleaner picks up coarse dirt and liquids as well as large quantities of fine dust. Tact, the fully automatic cleaning system, cleans the filter with strong air blasts. It is ideal for long periods of uninterrupted use and constant high suction power. It is fully compliant with OSHA silica dust regulations.

### Tact system (Auto Filter Clean System)

■ Blasts of air clean the filter resulting in lower maintenance costs and a longer filter life ultimately saving you money

### Convenient and easy to use

- On-board storage for all accessories, includes two hooks for the suction hose and power cord
- No filters to install or remove
- Bayonet and clip connections guarantee easy and secure connection of all accessory parts to the vacuum





### NT 30/1 TACT TE

| TECHNICAL SPECIFICATIONS |             |                  |
|--------------------------|-------------|------------------|
| Vacuum width, floor tool | in          | 14               |
| Vacuum hose length       | ft          | 13               |
| Power cord length        | ft          | 25               |
| Waste container capacity | gal         | 8.2              |
| Operating noise level    | dBA         | 68               |
| Air flow rate            | cfm         | 150              |
| Waterlift                | in of water | 102              |
| Motor                    | watts       | 1,380            |
| Weight                   | lbs         | 30               |
| Dimensions (L x W x H)   | in          | 22 x 14.5 x 22.2 |

### EQUIPMENT

### **ACCESSORIES**

|   | Order No.   | Description                     |
|---|-------------|---------------------------------|
|   | 2.889-192.0 | Stainless steel vacuum tube set |
| - | 2.889-135.0 | Vacuum hose 13 ft               |
| - | 2.889-134.0 | Vacuum hose 8 ft                |
| - | 2.889-170.0 | Ergonomic bend                  |
| • | 2.889-152.0 | Wet and dry floor nozzle        |
| - | 2.889-159.0 | Crevice nozzle                  |
|   | 2.889-151.0 | Power tool adapter              |
| - | 2.889-154.0 | Fleece filter bags - 30 liter   |
|   | 6.907-629.0 | HEPA filter                     |

# NT 30/1 ACCESSORIES













### **OPTIONAL ACCESSORIES**

| UP | OPTIONAL ACCESSORIES |   |  |  |  |  |
|----|----------------------|---|--|--|--|--|
|    | Order No.            | Item Description  |  |  |  |  |
|    | 2.889-137.0          | Vacuum hose 1-3/8 inch diameter (DN 35) 13 ft electrically conductive   |  |  |  |  |
|    | 2.889-136.0          | Vacuum hose 1-3/8 inch diameter (DN 35) 8 ft electrically conductive  |  |  |  |  |
|    | 2.889-164.0          | Vacuum hose 1-3/8 inch diameter (DN 35) 8 ft heat-resistant   |  |  |  |  |
|    | 2.889-172.0          | Ergonomic bend 1-3/8 inch diameter (DN 35) with soft grip electrically conductive   |  |  |  |  |
|    | 2.889-148.0          | Ergonomic bend 1-3/8 inch diameter (DN 35) with soft grip and vacuum power regulation   |  |  |  |  |
|    | 6.907-455.0          | Flat pleated filter PTFE  |  |  |  |  |
|    | 2.679-000.0          | Drilling dust nozzle 1-3/8 inch diameter (DN 35)  |  |  |  |  |
|    | 2.889-138.0          | Vacuum hose 1-5/8 inch diameter (DN 40), 13 ft  |  |  |  |  |
|    | 2.889-139.0          | Vacuum hose 1-5/8 inch diameter (DN 40), 8 ft   |  |  |  |  |
|    | 2.889-141.0          | Vacuum hose 1-5/8 inch diameter (DN 40), 13 ft electrically conductive  |  |  |  |  |
|    | 2.889-140.0          | Vacuum hose 1-5/8 inch diameter (DN 40), 13 ft oil-resistant  |  |  |  |  |
|    | 2.889-171.0          | Ergonomic bend 1-5/8 inch diameter (DN 40), with soft grip  |  |  |  |  |
|    | 2.889-172.0          | Ergonomic bend 1-5/8 inch diameter (DN 40), with soft grip electrically conductive  |  |  |  |  |
|    | 2.889-194.0          | Set of vacuum tubes 1-5/8 inch diameter (DN 40), 2 x 1.8 ft, stainless steel  |  |  |  |  |
|    | 6.907-629.0          | HEPA filter (standard)  |  |  |  |  |
|    | 2.889-174.0          | Wide wet and dry floor nozzle with easily changeable inserts for wet/dry applications   |  |  |  |  |
|    | 2.889-192.0          | Stainless steel vacuum tube set, 35mm   |  |  |  |  |
|    | 2.889-170.0          | Ergonomic bend, 35mm  |  |  |  |  |
|    | 2.889-152.0          | Wet and dry floor nozzle, 35mm, 360mm wide  |  |  |  |  |
|    | 2.889-159.0          | Crevice nozzle, 35mm  |  |  |  |  |
|    | 5.453-042.0          | (Photo 1) Power tool adapter, fits these size shrouds: 1.06" - 1.10" OD, 1.25" - 1.32" OD, 1.37" - 1.44" OD, 1.47" - 1.50" OD |  |  |  |  |
|    | 5.453-016.0          | (Photo 2) Power tool adapter, fits these size shrouds: 1.06" - 1.07" OD, 1.27" - 1.30" OD, 1.40" - 1.41" OD                   |  |  |  |  |
|    | 5.407-108.0          | (Photo 3) Power tool adapter: connects to 40mm hose connection, screws into 35mm hose or 5.453-016.0 tool adapter             |  |  |  |  |
|    | 2.637-217.0          | (Photo 4) Power tool "Y" adapter  |  |  |  |  |
|    | 5.453-085.0          | (Photo 5) Power tool adapter sleeve 40 x 50 mm  |  |  |  |  |
|    | 5.407-113.0          | (Photo 6) Reducer, DN 40 to DN 35 hose connection   |  |  |  |  |
|    | 5.031-703.0          | Tension ring (order with 5.407-113.0)   |  |  |  |  |
|    |                      |   |  |  |  |  |

# NT 48/1



### A tough and versatile clean.

This machine is a tough and versatile wet/dry vacuum. Built to handle difficult wet or dry dirt, this vac is the machine that will stand up to tough everyday use. The optional front mounted squeegee provides even more productive water pickup. The large filter provides impressive suction power and long work intervals improving your productivity.

### **Portable**

- Mobile, all-purpose wet/dry vacuum for small to medium jobs and multiple locations
- Integrated handle ensures easy and comfortable transport

### Real-world convenience

Optional front mounted squeegee for more productive pickup

#### NT 48/1

|                          |             | N1 40/2          |
|--------------------------|-------------|------------------|
| TECHNICAL SPECIFICATIONS |             |                  |
| Vacuum width, floor tool | in          | 12               |
| Vacuum hose length       | ft          | 8                |
| Power cord length        | ft          | 25               |
| Waste container capacity | gal         | 12               |
| Operating noise level    | dBA         | 72               |
| Air flow rate            | cfm         | 142              |
| Waterlift                | in of water | 80               |
| Motor                    | watts       | 1,380            |
| Weight                   | lbs         | 22               |
| Dimensions (L x W x H)   | in          | 19 x 15.3 x 30.3 |

#### **EQUIPMENT**

| Order No.   | Description                       |
|---|-----------------------------------|
| 1.428-623.0   | NT 48/1, 13-gallon wet/dry vacuum |
| 9.840-844.0 NT 48/1, 13-gallon wet/dry vacuum with front mounted squeegee |                                   |

| ACCESSORIES   |  |  |  |  |
|---------------|--|--|--|--|
| Order No.     | Description  |  |  |  |
| ■ 6.414-789.0 | ylindrical dust filter   |  |  |  |
| ■ 6.904-285.0 | Paper filter bag (5-pack, 1 bag Included with machine)   |  |  |  |
| ■ 6.906-512.0 | All-purpose nozzle   |  |  |  |
| ■ 6.900-385.0 | 8.3-inch all purpose crevice nozzle  |  |  |  |
| ■ 4.440-626.0 | 8 feet x 1.375 inch hose with comfortable hand grip  |  |  |  |
| ■ 6.900-514.0 | Metal suction tube, 1.4 inch X 1.6 feet  |  |  |  |
| ■ 6.906-240.0 | Crevice nozzle, 1.4-inch   |  |  |  |
| □ 6.904-211.0 | Wet filter bag   |  |  |  |
| □ 6.906-384.0 | 14.6-inch aluminum all-purpose nozzle with height-adjustable cylindrical, brush strips and oil resistant squeegees |  |  |  |
| □ 6.907-409.0 | 10.2-inch plastic all-purpose nozzle   |  |  |  |
| □ 6.907-408.0 | 14.2-inch plastic all-purpose head with cylindrical, brush strips and standard squeegee                            |  |  |  |
| □ 6.906-383.0 | 17.7-inch aluminum all-purpose head with height-adjustable cylindrical, brush strips and oil resistant squeegees   |  |  |  |
| □ 2.860-113.0 | Upholstery hand tool   |  |  |  |
| □ 2.860-114.0 | 10-inch turbo nozzle with reducer 35/32  |  |  |  |
| □ 6.903-033.0 | 11.4-inch crevice tool   |  |  |  |
| □ 6.905-988.0 | 4.7-inch plastic Upholstery Nozzle, 35 mm ID   |  |  |  |
| □ 6.903-034.0 | Radiator brush for use with 6.900-385.0  |  |  |  |
| □ 6.903-035.0 | Plastic, pipe diameter 3.9"  |  |  |  |
| □ 6.903-862.0 | Suction brush, natural hair, pivotable, 35 mm ID   |  |  |  |
| □ 2.860-116.0 | Nozzle set, crevice tool, upholstery tool, round brush, 35 mm ID   |  |  |  |
| □ 2.863-147.0 | All-Purpose brush, soft bristles 35 mm ID  |  |  |  |
| □ 8.622-960.0 | Replacement 15-inch squeegee blade   |  |  |  |

# NT 68/1



# Utility with ease.

Easily tackle medium to large jobs with this wet/dry vac. Designed with a robust 1.8 hp vac motor to handle any task you throw at it. If even more productivity is desired, the optional front mounted squeegee makes quick work of water recovery. Thoughtful features such as no-tipping dumping and on-board storage make this the operator's choice for wet/dry vacs.

### **Performance**

- Optional front-mounted squeegee offers more productive water pick-up
- 18 gallon capacity offers easy mobility for medium to large jobs

### Thoughtful design

- Complete with on-board tool storage compartment with safety sign storage bracket
- Self-adjusting squeegee assembly

### NT 68/1

|                          |             | · · · · · · · · · · · · · · · · · · · |  |
|--------------------------|-------------|---------------------------------------|--|
| FECHNICAL SPECIFICATIONS |             |                                       |  |
| Vacuum width, floor tool | in          | 24.5                                  |  |
| Power cord length        | ft          | 50                                    |  |
| Waste container capacity | gal         | 18                                    |  |
| Operating noise level    | dBA         | 71                                    |  |
| Air flow rate            | cfm         | 142                                   |  |
| Waterlift                | in of water | 80                                    |  |
| Motor                    | watts       | 1,200                                 |  |
| Weight                   | lbs         | 64                                    |  |
| Dimensions (L x W x H)   | in          | 35.5 x 24.5 x 37.5                    |  |

### **EOUIPMENT**

| EQUIMENT              |   |  |  |  |
|-----------------------|---|--|--|--|
| Order No. Description |   |  |  |  |
| 1.103-494.0           | NT 68/1, eighteen gallon wet/dry vacuum with 24" front squeegee, with tools |  |  |  |
| 1.103-495.0           | NT 68/1, eighteen gallon wet/dry vacuum with 24" front squeegee             |  |  |  |
| 1.013-021.0           | NT 68/1. eighteen gallon wet/dry vacuum with hose and wand only             |  |  |  |

### ACCESSORIES

| ACCESSORIES |             |   |  |  |
|-------------|-------------|---|--|--|
|             | Order No.   | Description   |  |  |
|             | 5.731-595.0 | Cartridge filter (wet)  |  |  |
|             | 6.414-552.0 | Cartridge filter (dry)  |  |  |
|             | 6.900-385.0 | 8.3-inch all purpose crevice nozzle   |  |  |
|             | 6.906-240.0 | Crevice nozzle, 1.4-inch  |  |  |
|             | 6.906-384.0 | 14.6-inch aluminum all-purpose nozzle with height-adjustable cylindrical, brush strips and oil resistant squeegees        |  |  |
|             | 6.907-409.0 | Floor tool package:10.2-inch plastic all-purpose nozzle, basalt grey  |  |  |
|             | 6.903-018.0 | 14.6-inch aluminum all-purpose head with height-adjustable cylindrical, brush stripes and squeegee blades                 |  |  |
|             | 6.907-408.0 | Floor tool package: 14.2-inch plastic all-purpose head with cylindricals, brush strips and standard squeegee, basalt grey |  |  |
|             | 6.906-383.0 | 17.7-inch aluminum all-purpose head with height-adjustable cylindrical, brush stripes and oil-resistant squeegees         |  |  |
|             | 2.860-113.0 | Upholstery hand tool  |  |  |
|             | 2.860-114.0 | 10-inch turbo nozzle with reducer 35/32   |  |  |
|             | 6.903-033.0 | 11.4-inch crevice tool  |  |  |
|             | 6.900-922.0 | 14.6-inch crevice nozzle, metal   |  |  |
|             | 6.902-154.0 | Wand  |  |  |
|             | 8.635-292.0 | Front mount squeegee assembly   |  |  |
|             | 6.906-512.0 | Squeegee head   |  |  |
|             | 8.634-534.0 | Replacement squeegee blades (two required)  |  |  |
|             |             |   |  |  |

 $\blacksquare$  Included  $\square$  Optional

# **BV/VAC PAC™ HEPA SERIES**



### Breathe easy with HEPA filtration.

The BV/VAC PAC HEPA series are portable back mounted vacuums great for increasing productivity, efficiency, while saving you money. Breathe easier with HEPA-level filtration standard on these vacuums. They also have an ergonomic harness system, allowing the operator to move around quickly and easily for maximum productivity.

### Meets your needs

- HEPA filtration is now standard, providing optimum air quality by filtering with 99.9% effectiveness to 0.3 microns
- Vacuum hose is a top-mounted swivel design for left-hand and right-hand operation





### BV 7/1 VAC PAC 6 HEPA

### **BV 11/1 VAC PAC 10 HEPA**

|                          |             | •                | -                |  |
|--------------------------|-------------|------------------|------------------|--|
| TECHNICAL SPECIFICATIONS |             |                  |                  |  |
| Vacuum width, floor tool | in          | 13               | 13               |  |
| Vacuum hose length       | ft          | 60               | 60               |  |
| Power cord length        | ft          | 50               | 50               |  |
| Waste container capacity | qt          | 6                | 10               |  |
| Operating noise level    | dBA         | 67               | 67               |  |
| Air flow rate            | cfm         | 112              | 112              |  |
| Waterlift                | in of water | 104              | 104              |  |
| Motor                    | watts       | 1,200            | 1,200            |  |
| Weight                   | lbs         | 10               | 11               |  |
| Dimensions (L x W x H)   | in          | 8.5 x 8.8 x 19.8 | 8.5 x 8.8 x 23.7 |  |

### **EQUIPMENT**

| Order No.   | Description  |
|-------------|--|
| 1.014-013.0 | BV 7/1 VAC PAC 6 HEPA backpack vacuum, 6 qt. (includes hose and tool kit)    |
| 1.014-014.0 | BV 11/1 VAC PAC 10 HEPA backpack vacuum, 10 qt. (includes hose and tool kit) |

### **ACCESSORIES**

| C  | Order No.                 | Description  |  |
|----|---------------------------|--|--|
| 8. | 628-666.0                 | Aluminum double curve wand, 2 PC   |  |
| 8. | 8.619-894.0 Hose assembly |  |  |
| 8. | 639-285.0                 | HEPA pleated filter  |  |
| 8. | 619-884.0                 | Cloth bag for VAC PAC™ HEPA 10 / BV 11/1   |  |
| 8. | 619-885.0                 | 10-quart paper bags, 10-pack for BV 11/1   |  |
| 8. | 619-891.0                 | Paper bags for VAC PAC™ HEPA 6 / BV 7/1  |  |
| 8. | 619-890.0                 | Cloth bags for VAC PAC™ HEPA 6 / BV 7/1  |  |
| 8. | 619-887.0                 | Filter dome  |  |
| 8. | 604-141.0                 | VAC PAC™ tool kit (#02293 crevice tool, #02083 dusting brush, #02084 upholstery tool, #02085 upholstery tool brush, #02086 extension tube) |  |
| 8. | 628-451.0                 | Crevice tool   |  |
| 8. | 600-008.0                 | 5-inch upholstery tool   |  |
| 8. | 628-360.0                 | Upholstery brush   |  |
| 8. | 600-007.0                 | 3-inch dusting tool with adapter   |  |
| 8. | 628-445.0                 | Carpet tool  |  |
| 8. | 628-444.0                 | Bristle shod dry pick-up tool  |  |
| 8. | 619-876.0                 | VAC PAC™ crevice tool  |  |
| 8. | 631-254.0                 | Harness assembly for VAC PAC™ HEPA 6 & 10 and BV 11/1  |  |
| 8. | 642-914.0                 | 15-inch sidewinder carpet tool with 1.5-inch neck  |  |
| 8. | 642-915.0                 | 15-inch sidewinder hard floor brush with 1.5-inch neck   |  |
| 8. | 642-916.0                 | 18-inch sidewinder carpet tool with 1.5-inch neck  |  |
| 8. | 642-917.0                 | 18-inch sidewinder hard floor brush with 1.5-inch neck   |  |
|    |                           |  |  |

# **BR 35/12 C BP**



# The race is always won in the corners.

Thanks to our innovative steerable scrub deck, the BR 35/12 C Bp can clean up to the wall at a  $90^\circ$  angle. It can also clean in reverse, or in any direction. The height-adjustable, telescoping steering column allows optimal ergonomics for any operator. The folding steering column also makes it easy to secure for transport.

### Steer your way to cleaner floors

- Our innovative steerable scrub deck allows for scrubbing in any direction, and provides perfect scrubbing right up to the edge
- The telescoping handle adjusts to any operator's height
- Brush height is adjustable for multiple floor types
- Kärcher's unique eco!efficiency mode features increases operating time by 50%, and reduces noise by 40%









### BR 35/12 C BP

| TECHNICAL SPECIFICATIONS              |                      |                |  |  |  |
|---------------------------------------|----------------------|----------------|--|--|--|
| Cleaning path/width                   | in                   | 14             |  |  |  |
| Brush type                            | clyindrical/disc/pad | cylindrical    |  |  |  |
| Brush quantity                        | units                | 1              |  |  |  |
| Brush diameter                        | in                   | 3.8            |  |  |  |
| Suction bar (squeegee) width          | in                   | 18             |  |  |  |
| Drive                                 | pad-assist/traction  | brush-assist   |  |  |  |
| Solution/recovery capacity            | gal                  | 3/3            |  |  |  |
| Theoretical/practical productivity    | sq. ft/hr            | 11,000 / 6,600 |  |  |  |
| Operating noise level - std/Eco! mode | dBA                  | 66 / 62        |  |  |  |
| Battery charger                       | shelf/on-board       | on-board       |  |  |  |
| Battery runtime - std/Eco! mode       | min                  | 66 / 90        |  |  |  |
| Battery charging time                 | hrs                  | 1-3            |  |  |  |
| Battery lifetime-est charging cycles  | x thousands          | 3              |  |  |  |
| Brush contact pressure                | lbs                  | 29             |  |  |  |
| Brush speed                           | rpm                  | 700 - 1,050    |  |  |  |
| Vac motor rating                      | watts                | 280            |  |  |  |
| Vac motor suction                     | cfm                  | 42             |  |  |  |
| Waterlift                             | in of water          | 32             |  |  |  |
| Weight with batteries                 | lbs                  | 77             |  |  |  |
| Dimensions (L x W x H)                | in                   | 39 x 18 x 51   |  |  |  |

### **EQUIPMENT**

| Order No.   | Description  |
|-------------|--|
| 1.783-470.0 | BR 35/12 C Bp, fourteen inch scrubber with cylindrical brushes |

### **ACCESSORIES**

|   | Order No.   | Description  |
|---|-------------|--|
| - | 4.037-031.0 | Cylindrical brush, red, medium   |
|   | 4.037-036.0 | Cylindrical brush, white, soft   |
|   | 4.037-037.0 | Cylindrical brush, orange, high/low  |
|   | 4.037-038.0 | Cylindrical brush, green, hard   |
|   | 4.037-039.0 | Cylindrical brush, black, very hard  |
|   | 4.762-009.0 | Cylindrical pad cylindrical shaft  |
|   | 6.369-053.0 | Cylindrical pads on sleeve, yellow, soft   |
|   | 6.369-047.0 | Cylindrical pads on sleeve, red, medium  |
|   | 6.369-052.0 | Cylindrical pads on sleeve, green, hard  |
|   | 4.037-040.0 | Cylindrical microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile |
|   | 4.037-127.0 | Squeegee blade set, optional, Linatex  |
| - | 4.037-035.0 | Squeegee blade set, standard, oil-resistant, polyurethane  |
|   | 6.654-294.0 | Lithium-ion battery, 21 Ah   |

# **BD 38/12 C BP**





 Extremely agile for efficient cleaning of small and very furnished areas

ensure 100% solution pickup even through the corners.

Think of the BD 38/12 as a 15-inch disc version of the popular BR 35/12. The design allows for the easiest driving of a walk-behind disc scrubber on the market. The squeegee follows behind the disc to

■ Easy to use-scrub right up to the wall

Steer your way to cleaner floors.

### Real world practicality

- Quick charging lithium-ion battery has a longer lifetime than normal batteries
- Very compact, light and easy to transport and roll over steps
- Application also in noise sensitive areas possible due of significantly reduced noise level





### BD 38/12 C BP

| TECHNICAL SPECIFICATIONS              |                      |                |
|---------------------------------------|----------------------|----------------|
| Cleaning path/width                   | in                   | 15             |
| Brush type                            | clyindrical/disc/pad | disc           |
| Brush quantity                        | units                | 1              |
| Brush diameter                        | in                   | 15             |
| Suction bar (squeegee) width          | in                   | 16             |
| Drive                                 | pad-assist/traction  | brush-assist   |
| Solution/recovery capacity            | gal                  | 3.2 / 3.2      |
| Theoretical/practical productivity    | sq. ft/hr            | 11,210 / 6,725 |
| Operating noise level - std/Eco! mode | dBA                  | 65 / 62        |
| Battery charger                       | shelf/on-board       | on-board       |
| Battery runtime - std/Eco! mode       | min                  | 60 / 120       |
| Battery charging time                 | hrs                  | 2 - 3          |
| Battery lifetime-est charging cycles  | x thousands          | 3              |
| Brush contact pressure                | lbs                  | 35 - 46        |
| Brush speed                           | rpm                  | 180 / 150      |
| Vac motor rating                      | watts                | 280            |
| Vac motor suction                     | cfm                  | 42             |
| Waterlift                             | in of water          | 32             |
| Weight with batteries                 | lbs                  | 79             |
| Dimensions (L x W x H)                | in                   | 37 x 30 x 51   |

### **EOUIPMENT**

| Order No.   | Item Description  |  |
|-------------|---|--|
| 1.783-431.0 | BD 38/12 C. compact scrubber with fifteen inch disc brush |  |

#### ACCESSORIES

| - | CCESSORIES  |  |
|---|-------------|--|
|   | Order No.   | Item Description   |
|   | 6.907-151.0 | Disc brush, red  |
|   | 6.654-294.0 | Lithium-ion battery, 21 Ah   |
| • | 4.037-059.0 | Squeegee blades, made from transparent and oil-resistant polyurethane, includes front and rear blade |
|   | 6.907-150.0 | Pad driver plate   |
|   | 6.369-003.0 | Red disc pads, set of 5  |
|   | 6.369-002.0 | Green disc pads, medium soft, green, set of 5  |
|   | 6.369-001.0 | Black disc pads, hard, set of 5  |
|   | 6.905-060.0 | Disc microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile, set of 5  |

 $\blacksquare$  Included  $\square$  Optional





# Professional cleaning, now made easier.

This economically-designed scrubber provides you all the cleaning power to take on large jobs—perfect for retail environments, schools and health care facilities.

### Easy to use

- Three cleaning modes make it simple for any operator to get the job done right
- The slim design of the Kärcher BD 50/50 allows you to see in front of the scrubber easier
- Home Base kit allows for carrying of other essentials on the machines, for less visits to the supply closet







### **BD 50/50 CLASSIC BP**

| TECHNICAL SPECIFICATIONS           |                      |                 |
|------------------------------------|----------------------|-----------------|
| Cleaning path/width                | in                   | 20              |
| Brush type                         | clyindrical/disc/pad | pad             |
| Brush quantity                     | units                | 1               |
| Brush diameter                     | in                   | 20              |
| Suction bar (squeegee) width       | in                   | 35              |
| Drive                              | pad-assist/traction  | pad-assist      |
| Solution/recovery capacity         | gal                  | 13.2 / 13.2     |
| Theoretical/practical productivity | sq. ft/hr            | 21,530 / 13,995 |
| Operating noise level              | dBA                  | 66              |
| Battery charger                    | shelf/on board       | shelf           |
| Brush contact pressure             | lbs                  | 59 - 62         |
| Brush speed                        | rpm                  | 180             |
| Vac motor rating                   | watts                | 500             |
| Vac motor suction                  | cfm                  | 51              |
| Waterlift                          | in of water          | 48              |
| Weight with batteries              | lbs                  | 306             |
| Dimensions (L x W x H)             | in                   | 47 x 21 x 39    |

### **EQUIPMENT**

| Order No.   | Description   |
|-------------|---|
| 9.841-369.0 | BD 50/50 C Classic Bp, pad driver, 24V/105 Ah wet batteries |
| 9.841-370.0 | BD 50/50 C Classic Bp, pad driver, 24V/100 Ah AGM batteries |

### ACCESSORIES

| ~ | ACCESSORIES |  |  |
|---|-------------|--|--|
|   | Order No.   | Description  |  |
|   | 4.762-534.0 | Pad driver, 20 inch, features a quick-change coupling and centerlock   |  |
| - | 4.777-179.0 | V-Shaped squeegee, 35-inch, with caster, polyurethane  |  |
|   | 4.905-027.0 | Disc brush, soft, made of natural fibers, for cleaning and polishing   |  |
|   | 4.905-029.0 | Brush, hard black - For stubborn dirt and basic cleaning. For hard wearing surfaces.                                 |  |
|   | 4.905-026.0 | Disc brush, medium grit, red, for general cleaning (standard on brush machines)                                      |  |
|   | 6.369-079.0 | Red disc pad, 20-inch, medium soft red for cleaning all types of floors, 5 pack                                      |  |
|   | 6.369-078.0 | Green disc pad, 20-inch, aggressive for cleaning heavily soiled floors and for deep cleaning, 5 pack                 |  |
|   | 6.369-077.0 | Black pad, 20-inch, hard, for cleaning heavily soiled floors and for deep cleaning, 5 pack                           |  |
|   | 6.369-468.0 | Beige disc pad, 20-inch, light grit, for polishing and refreshing of hard and elastic smooth floor coverings, 5 pack |  |
|   | 6.273-023.0 | Oil resistant, replacement squeegee blades   |  |
|   | 6.371-146.0 | Beige disc pad, 20 inch, soft, natural hair, for polishing   |  |
|   | 4.777-401.0 | Squeegee, 33.5 inch, straight, made of oil-resistant transparent polyurethane, for smooth floors                     |  |
|   | 5.035-488.0 | Home base kit (adapter and cable hook)   |  |
|   | 6.980-077.0 | Double hook (requires 5.035-488.0)   |  |
|   | 4.035-406.0 | Home base kit carrying case  |  |
|   | 6.980-078.0 | Mop clip (requires 5.035-488.0)  |  |
|   | 6.980-080.0 | Bottle hook (requires 5.035-488.0)   |  |
|   | 4.070-075.0 | Universal hook   |  |
|   | 8.641-483.0 | Charger for wet batteries  |  |
|   | 8.629-377.0 | Charger for AGM batteries  |  |
|   |             |  |  |

 $\blacksquare$  Included  $\square$  Optional

# **BD 70/75 W BP CLASSIC**



### Smaller, but still mighty.

This economically-designed scrubber provides you all the cleaning power to take on large jobs—perfect for retail environments, grocery stores, municipalities, and BSC's.

### Easy to use

- Adaptable to specific floor type cleaning needs
- Large aluminum brush deck is tough and durable
- Wet, AGM and lithium battery options are available



### BD 70/75 W BP CLASSIC

| TECHNICAL SPECIFICATIONS           |                      |                   |
|------------------------------------|----------------------|-------------------|
| Cleaning path/width                | in                   | 28                |
| Brush type                         | clyindrical/disc/pad | pad               |
| Brush quantity                     | units                | 2                 |
| Brush diameter                     | in                   | 14                |
| Suction bar (squeegee) width       | in                   | 41                |
| Drive                              | pad-assist/traction  | traction          |
| Solution/recovery capacity         | gal                  | 19.8 / 19.8       |
| Theoretical/practical productivity | sq. ft/hr            | 30,645 / 19,920   |
| Operating noise level              | dBA                  | 63                |
| Battery charger                    | shelf/on board       | shelf             |
| Brush contact pressure             | lbs                  | 66 - 150          |
| Brush speed                        | rpm                  | 180               |
| Vac motor rating                   | watts                | 500               |
| Vac motor suction                  | cfm                  | 51                |
| Waterlift                          | in of water          | 64                |
| Weight with batteries              | lbs                  | 512 wet / 556 AGM |
| Dimensions (L x W x H)             | in                   | 57 x 30 x 42      |

### **EQUIPMENT**

| Order No.   | Description  |
|-------------|--|
| 9.841-466.0 | BD 70/75 W Bp Classic, 185 Ah wet batteries, shelf charger |
| 9.841-467.0 | BD 70/75 W Bp Classic, 190 Ah AGM batteries, shelf charger |
| 9.841-240.0 | BD 70/75 W Bp Classic, 24V lithium, shelf charger          |

### **ACCESSORIES**

|   | Order No.   | Description  |
|---|-------------|--|
|   | 4.762-590.0 | Pad drive board STRONG (standard)                              |
|   | 6.369-003.0 | Pad red, medium-soft (standard), set of 5                      |
|   | 8.663-291.0 | Battery 6V/190 Ah AGM (standard with 9.841-467.0) (4 REQUIRED) |
|   | 8.622-835.0 | Battery 6V/185 Ah wet (standard with 9.841-466.0) (4 REQUIRED) |
| • | 8.643-374.0 | Shelf charger for 190Ah AGM batteries                          |
|   | 8.644-222.0 | Shelf charger for 185Ah Wet batteries                          |
| - | 4.777-108.0 | Squeegee, 1030mm (standard w/suction blades)                   |
|   | 4.037-144.0 | Suction blades, 1030mm, blue (standard)                        |
|   | 4.905-010.0 | Disc brush, red, medium  |
|   | 4.905-013.0 | Disc brush, black, hard  |
|   | 4.905-012.0 | Disc brush, natural, soft                                      |
|   | 4.905-011.0 | Disc brush, white, very soft                                   |
|   | 4.037-145.0 | Suction blades, 1030 mm (polyurethane)                         |
|   | 9.753-088.0 | Squeegee transport plate                                       |
|   | 4.444-015.0 | Suction hose accessory   |
|   | 2.644-140.0 | Warning beacon add-on kit                                      |

# **BD 80/100 W BP CLASSIC**



# Quality and durability in a cost effective package.

This economically-designed scrubber provides you all the cleaning power to take on large jobs—perfect for retail environments, grocery stores, and BSC's.

### Easy to use

- Storage compartment in the back for shelf charger and other accessories
- An automatic brake is integrated into the transaxle and a cost effective, large aluminum brush deck is included

### BD 80/100 W BP CLASSIC

| TECHNICAL SPECIFICATIONS           |                      |                 |
|------------------------------------|----------------------|-----------------|
| Cleaning path/width                | in                   | 32              |
| Brush type                         | clyindrical/disc/pad | pad             |
| Brush quantity                     | units                | 2               |
| Brush diameter                     | in                   | 16              |
| Suction bar (squeegee) width       | in                   | 43              |
| Drive                              | pad-assist/traction  | traction        |
| Solution/recovery capacity         | gal                  | 26.4 / 26.4     |
| Theoretical/practical productivity | sq. ft/hr            | 35,025 / 22,770 |
| Operating noise level              | dBA                  | 63              |
| Battery charger                    | shelf/on board       | shelf           |
| Brush contact pressure             | lbs                  | 88 - 200        |
| Brush speed                        | rpm                  | 180             |
| Vac motor rating                   | watts                | 600             |
| Vac motor suction                  | cfm                  | 53              |
| Waterlift                          | in of water          | 67              |
| Weight with batteries              | lbs                  | 705             |
| Dimensions (L x W x H)             | in                   | 59 x 33 x 42    |

#### EQUIPMENT

| -40         |   |
|-------------|---|
| Order No.   | Description   |
| 9.841-456.0 | BD 80/100 W Bp Classic, 295 Ah wet batteries, shelf charger |
| 9.808-180.0 | BD 80/100 W Bp Classic, 24V lithium, shelf charger          |
| 9 841-4570  | BD 80/100 W Bn Classic 285 Ah AGM hatteries shelf charger   |

#### **ACCESSORIES**

| ACCESSORIES |   |
|-------------|---|
| Order No.   | Description   |
| 4.762-591.0 | Pad drive board (standard)                                  |
| 6.371-332.0 | Pad, red, medium-soft (standard)                            |
| 8.629-184.0 | Battery, Discover 6V/285 Ah AGM (standard with 9.841-457.0) |
| 8.644-818.0 | Battery, Discover 24V lithium ion                           |
| 8.622-837.0 | Battery, Trojan 6V/271 Ah wet (standard with 9.841-456.0)   |
| 8.643-373.0 | Shelf charger for wet batteries (standard wtih 9.841-456.0) |
| 8.643-374.0 | Shelf charger for AGM batteries (standard with 9.841-457.0) |
| 4.777-102.0 | Squeegee, 1100 mm (standard with suction blades)            |
| 4.037-138.0 | Suction blades, 1230 mm, blue (standard)                    |
| 4.905-000.0 | Disc brush, red, medium                                     |
| 4.905-032.0 | Disc brush, black, hard                                     |
| 4.905-031.0 | Disc brush, natural, soft                                   |
| 4.905-030.0 | Disc brush, white, very soft                                |
| 4.037-140.0 | Suction blades 1230 mm, transparent                         |
| 9.753-088.0 | Squeegee transport plate                                    |
| 2.644-140.0 | Warning beacon add-on kit                                   |

# **B 40 W BP**





We built this machine to be easy to operate, safe and easy to maintain. Our Kärcher Intelligent Key (KIK) and our advanced EASY operation are some of the many reasons why the B 40 W family offers a full spectrum of safety and protection for operators, machines and your floors.

### Complete control

100% control of the speed of your scrub brushes allows you to balance scrubbing power, noise levels and power consumption

### Interchangeable decks

- Choose disc and cylindrical decks from 17 to 22 inches
- Each can be changed quickly and without tools









#### B 40 W DISC **B 40 W CYLINDRICAL TECHNICAL SPECIFICATIONS** Cleaning path/width **in** 17 - 20 18 - 22 Brush type cylindrical/disc/pad disc cylindrical 2 **Brush quantity** units 1 Brush diameter in 17 - 20 3 75 **in** 33.5 33.5 Suction bar (squeegee) width Drive pad-assist/traction traction traction Solution/recovery capacity gal 10.6 / 10.6 10.6 / 10.6 Theoretical productivity **sq. ft/hr** 17,200 - 21,530 18,210 - 23,680 Operating noise level - std/Eco! mode **dBA** 69 / 60 69 / 60 Battery charger shelf/on-board on-board on-board 80 - 86 Brush contact pressure **Ibs** 135 - 160 Brush speed **rpm** 180 1,200 watts 130 / 500 130 / 500 Drive / vac motor rating Vac motor suction cfm 47 47 in of water 48 Waterlift 48 Weight with batteries **Ibs** 307 - 384 307 - 384 Dimensions (L x W x H) in 49 x 20.5 x 45 49 x 20.5 x 45

### **EQUIPMENT**

| Order No.   | Description  |
|-------------|--|
| 9.841-372.0 | B 40 W Bp, traction drive, R 55 cylindrical scrub deck, 24V/105 Ah wet batteries |
| 9.841-373.0 | B 40 W Bp, traction drive, D 51 disc scrub deck, 24V/105 Ah batteries            |
| 9.841-374.0 | B 40 W Bp, traction drive, R 55 cylindrical scrub deck, 24V/138 Ah AGM batteries |
| 9.841-375.0 | B 40 W Bp, traction drive, D 51 disc scrub deck, 24V/138 Ah AGM batteries        |

See Cleaning Heads & Brushes section for available scrub decks.

# **B 40 W ACCESSORIES**

### **ACCESSORIES**

| CLUSORILS   |   |
|-------------|---|
| Order No.   | Description   |
| 4.777-411.0 | Curved squeegee assembly, 33.5 inches, with caster, polyurethane  |
| 5.035-488.0 | Home Base kit (adapter and cable hook)  |
| 6.980-077.0 | Double hook (requires 5.035-488.0)  |
| 5.035-344.0 | Operator key, yellow  |
| 5.035-348.0 | Foreman key, gray   |
| 4.035-369.0 | Lid with tank rinsing system  |
| 4.035-345.0 | Quick fill tank system (requires 9.083-003.0)   |
| 9.083-003.0 | Hose coupling   |
| 6.273-207.0 | Squeegee blade set, oil resistant (standard w/ 4.777-411.0)   |
| 6.273-229.0 | Squeegee blade set, anti stripe oil resistant   |
| 6.273-290.0 | Squeegee blade set, for textured floors   |
| 6.273-213.0 | Squeegee blade set, EPDM  |
| 4.777-401.0 | Squeegee assembly with straight polyurethane reversible blades  |
| 4.777-416.0 | Squeegee assembly with curved EPDM blades   |
| 4.035-374.0 | Home Base kit (includes mop support, mop clip and bottlehook)   |
| 4.035-406.0 | Home Base kit carrying case   |
| 6.980-078.0 | Mop clip (requires 5.035-488.0)   |
| 5.035-655.0 | Plate mop bracket   |
| 5.035-656.0 | Retaining bracket mop bracket   |
| 6.980-080.0 | Bottle hook (requires 5.035-488.0)  |
| 4.035-408.0 | Operator key, yellow, set of 5  |
|             | 4.777-411.0<br>5.035-488.0<br>6.980-077.0<br>5.035-344.0<br>5.035-348.0<br>4.035-369.0<br>4.035-345.0<br>9.083-003.0<br>6.273-207.0<br>6.273-229.0<br>6.273-213.0<br>4.777-401.0<br>4.777-416.0<br>4.035-374.0<br>4.035-406.0<br>6.980-078.0<br>5.035-655.0<br>5.035-656.0<br>6.980-080.0 |

# **B 80 W BP**



# This large scrubber easily goes anywhere.

The B 80 W BP scrubbers cover a lot of area quickly, but are still easily maneuverable. They feature a robust, interchangeable, maintenance-friendly scrub deck. Choose from cylindrical or disc in 26" widths.

### Thoughtfully designed scrub decks

- Decks automatically raise and lower as necessary
- Interchangeable decks changed quickly and without tools

### Four color LCD screen

 Easily select your cleaning mode with the easy-to-read symbols on the large 4-color display







### TECHNICAL SPECIFICATIONS

| B 80 W BP + R 6 | 5 |
|-----------------|---|
|-----------------|---|

|  |  | + D |  |
|--|--|-----|--|
|  |  |     |  |
|  |  |     |  |
|  |  |     |  |

| TECHNICAL SPECIFICATIONS                 |                      |                 |                 |
|--|----------------------|-----------------|-----------------|
| Cleaning path/width                      | in                   | 26              | 26              |
| Brush type                               | cylindrical/disc/pad | Cylindrical     | Disc            |
| Brush quantity                           | units                | 2               | 2               |
| Suction bar (squeegee) width             | in                   | 39              | 39              |
| Drive                                    | pad-assist/traction  | Traction        | Traction        |
| Solution/recovery capacity               | gal                  | 21 / 21         | 21 / 21         |
| Theoretical/practical productivity       | sq. ft/hr            | 27,980 / 18,180 | 27,980 / 18,180 |
| Operating noise level - std/Eco! mode    | dBA                  | 69 / 66         | 69 / 66         |
| Battery charger                          | shelf/on-board       | On-board        | On-board        |
| Brush contact pressure                   | lbs                  | 213             | 117             |
| Brush speed                              | rpm                  | 400 - 1,550     | 180             |
| Drive/vac motor rating                   | watts                | 350 / 580       | 350 / 580       |
| Vac motor suction                        | cfm                  | 53              | 53              |
| Waterlift                                | in of water          | 67              | 67              |
| Weight (excluding battery/ with battery) | lbs                  | 282 / 617       | 289 / 617       |
| Dimensions (L x W x H)                   | in                   | 61 x 29 x 45    | 62 x 29 x 45    |

### **EQUIPMENT**

| •  |  |
|--|--|
| Order No. Description  |  |
| 9.841-204.0 B 80 W Bp, D 65 disc scrub deck, 24V/260 Ah wet batteries, with curved squeegee                          |  |
| 9.841-198.0 B 80 W Bp, R 65 cylindrical scrub deck, 24V/225 Ah wet batteries, on-board charger, with curved squeegee |  |
| 9.841-200.0 B 80 W Bp, R 65 cylindrical scrub deck, 24V/255 Ah AGM batteries, on-board charger, with curved squeegee |  |
| 9.841-201.0 B 80 W Bp, D 65 disc scrub deck, 24V/255 Ah AGM batteries, on-board charger, with curved squeegee        |  |
| 9.841-203.0 B 80 W Bp, R 65 cylindrical scrub deck, 24V/260 Ah wet batteries, on-board charger, with curved squeegee |  |

### **ACCESSORIES**

| Order No.          | Description   |  |  |
|--------------------|---|--|--|
| <b>4.777-080.0</b> | Squeegee assembly, 39-inch, curved polyurethane oil-resistant blades, standard on machines with R 75 & D 75 scrub decks |  |  |
| ■ 5.035-488.0      | Home base kit (adapter and cable hook)  |  |  |
| ■ 6.980-077.0      | Double hook (requires 5.035-488.0)  |  |  |
| □ 8.600-251.0      | Cable asm, bat. jumper x 15" (required w/ no battery units)   |  |  |
| □ 4.035-345.0      | Quick fill tank system (requires 9.083-003.0)   |  |  |
| □ 9.083-003.0      | Hose coupling   |  |  |
| □ 6.273-205.0      | Squeegee blade set, anti stripe oil resistant   |  |  |
| □ 6.273-291.0      | Squeegee blade set, for textured floors   |  |  |
| □ 4.035-408.0      | KIK key   |  |  |

# **B 110 R**



# Outstanding suction performance.

The brand-new B 110 R is perfect for all floors. The robust front bumper prevents damage to the machine and other objects, while speed dependent water supply saves on water and detergents. The newly designed squeegee picks up more water and requires less attention and the adjustable seat allows workers to feel more comfortable during long shifts.

### Advanced updates for a top-of-the-line machine

- Front bumper and driving lights
- Side scrub deck for close to the edge cleaning
- Adjustable comfort seat
- Hill driving assistant and automatic electronic brake







### B 110 R Bp

|   |                      | = == · · · =  r          |
|---|----------------------|--------------------------|
| TECHNICAL SPECIFICATIONS                      |                      |                          |
| Cleaning path/width                           | in                   | 30                       |
| Brush type                                    | cylindrical/disc/pad | Cylindrical and disc     |
| Brush quantity                                | units                | 2                        |
| Brush diameter                                | in                   | 4" cylindrical, 15" disc |
| Suction bar (squeegee) width                  | in                   | 37                       |
| Drive   | pad-assist/traction  | Traction                 |
| Solution/recovery capacity                    | gal                  | 29 / 29                  |
| Theoretical/practical productivity - 30" deck | sq. ft/hr            | 48,440 / 31,485          |
| Operating noise level                         | dBA                  | 59 - 74                  |
| Battery charger                               | shelf/on board       | Shelf                    |
| Brush contact pressure                        | lbs                  | 165                      |
| Brush speed                                   | rpm                  | 180 / 1200               |
| Drive /vac motor rating                       | watts                | 600                      |
| Vac motor suction                             | cfm                  | 53                       |
| Waterlift                                     | in of water          | 68                       |
| Weight with batteries                         | lbs                  | 1190                     |
| Dimensions (L x W x H)                        | in                   | 65 x 30 x 52             |
| Minimum turning radius                        | ft                   | 2.87                     |
| Climbing ability - maximum slope              | % grade              | 10                       |
| Max. working speed                            | mph                  | 3.8                      |

### **EQUIPMENT**

| Order No.   | Description                                    |
|-------------|--|
| 9.841-441.0 | BD 75/110 R Bp Wet, 30" disc scrub deck        |
| 9.841-444.0 | BD 75/110 R Bp AGM, 30" disc scrub deck        |
| 9.841-445.0 | BR 75/110 R Bp Wet, 30" cylindrical scrub deck |
| 9.841-449.0 | BR 75/110 R Bp AGM, 30" cylindrical scrub deck |

### See Cleaning Heads & Brushes section for available scrub decks.

# **B 110 R ACCESSORIES**

### **ACCESSORIES**

| Order N    | . Description                                     |
|------------|---|
| ■ 4.778-00 | 7.0 950 mm parabolic squeegee                     |
| ■ 2.763-00 | 5.0 D 75 scrub deck (depending on model selected) |
| ■ 2.763-04 | 7.0 R 75 scrub deck (depending on model selected) |
| ■ 4.039-36 | 5.0 Linatex squeegee blade set                    |
| □ 4.035-60 | 5.0 Red brush for R 75 scrub deck                 |
| □ 6.907-73 | .0 Green brush for R 75 scrub deck                |
| 6.907-73   | 2.0 Black brush for R 75 scrub deck               |
| □ 6.907-73 | 0.0 Orange brush for R 75 scrub deck              |
| □ 6.907-72 | 0.0 White brush for R 75 scrub deck               |
| □ 4.039-35 | 7.0 Polyurethane replacement squeegee blade       |
| □ 8.644-93 | 7.0 Right side scrub deck (factory install only)  |
| □ 2.644-23 | 1.0 Spray suction kit                             |
| □ 4.039-35 | 0.0 Warning beacon kit                            |
| □ 4.039-32 | 7.0 Lid with tank rinsing                         |
| □ 2.644-24 | 5.0 Dose system                                   |
| □ 4.035-40 | 5.0 Home base box                                 |
| □ 4.039-34 | 9.0 Mop home base attachment kit                  |
| □ 8.622-83 | 5.0 Trojan T105 225 Ah battery                    |
| □ 8.632-25 | 4.0 Discover EVGT6A-A 255 Ah battery              |
| □ 8.644-22 | 2.0 Shelf charger for wet batteries               |
| □ 8.643-37 | 4.0 Shelf charger for AGM batteries               |

### **B 150 R BP**



# Race into efficiency with the B 150.

The B 150 R can cover up to 58,125 ft²/hr making this one impressively productive scrubber. Although it can cover large areas quickly, we made sure that it has great visibility for safety. Our KIK operating system and the color coded controls make operation simple and intuitive. KIK allows managers to control what functions and settings their employees can use and adjust.

### Advanced model features all-wheel drive (special order)

- Clean ramps with grades up to 18%
- Features a unique all-wheel brake system for safety
- Utilize the large color LCD screen to adjust everything to your needs including contact pressure, water volume, brush speed, etc.

### Let the machine do the work

Auto tank-rinsing and auto-fill come standard to allow the operator to do other tasks while rinse and fill are taking place





| USGBC                                 |                      |                 |                 |                 |                 |
|---------------------------------------|----------------------|-----------------|-----------------|-----------------|-----------------|
|                                       |                      | B 150 R + R 75  | B 150 R + D 75  | B 150 R + R 85  | B 150 R + D 90  |
| TECHNICAL SPECIFICATIONS              |                      |                 |                 |                 |                 |
| Cleaning path/width                   | in                   | 30              | 30              | 34              | 36              |
| Brush type                            | cylindrical/disc/pad | Cylindrical     | Disc            | Cylindrical     | Disc            |
| Brush quantity                        | units                | 2               | 2               | 2               | 2               |
| Brush diameter                        | in                   | 3.5             | 7.5             | 3.5             | 17.7            |
| Suction bar (squeegee) width          | in                   | 37              | 37              | 47              | 47              |
| Drive                                 | pad-assist/traction  | Traction        | Traction        | Traction        | Traction        |
| Solution/recovery capacity            | gal                  | 40 / 40         | 40 / 40         | 40 / 40         | 40 / 40         |
| Theoretical/practical productivity    | sq. ft/hr            | 48,438 / 34,445 | 48,438 / 34,445 | 54,895 / 38,630 | 58,125 / 40,903 |
| Operating noise level - std/Eco! mode | dBA                  | 67 / 64         | 67 / 64         | 67 / 64         | 67 / 64         |
| Battery charger                       | shelf/on board       | Shelf           | Shelf           | Shelf           | Shelf           |
| Brush contact pressure                | lbs                  | 245             | 224             | 275             | 238             |
| Brush speed                           | rpm                  | 1,200           | 140             | 1,200           | 140             |
| Drive /vac motor rating               | watts                | 600 / 750       | 600 / 750       | 600 / 750       | 600 / 750       |
| Vac motor suction                     | cfm                  | 55              | 55              | 55              | 55              |
| Waterlift                             | in of water          | 72              | 72              | 72              | 72              |
| Weight without batteries              | lbs                  | 959 - 1,146     | 959 - 1,146     | 959 - 1,146     | 959 - 1,146     |
| Dimensions (L x W x H)                | in                   | 65 x 31 x 56    |
| Minimum turning radius                | ft                   | 2.9             | 2.9             | 2.9             | 2.9             |
| Climbing ability - maximum slope      | % grade              | 10              | 10              | 10              | 10              |
| Max. working speed working            | mph                  | 3.7             | 3.7             | 3.7             | 3.7             |

### **EQUIPMENT**

| Order No.   | Description  |
|-------------|--|
| 9.841-286.0 | B 150 R Bp, scrub deck sold separately, 36V/360 Ah batteries   |
| 9.841-287.0 | B 150 R Bp 2SB, scrub deck sold separately, 36V/360 Ah batteries, dual side brushes                              |
| 9.841-288.0 | B 150 R Bp Advanced, scrub deck sold separately, 36V/360 Ah batteries (special order)                            |
| 9.841-289.0 | B 150 R Bp 2SB Advanced, scrub deck sold separately, 36V/360 Ah batteries, dual side brushes (special order)     |
| 9.841-290.0 | B 150 R Bp, R 75 cylindrical scrub deck, 36V/360 Ah batteries  |
| 9.841-291.0 | B 150 R Bp, R 75 cylindrical scrub deck, 36V/312 Ah AGM batteries  |
| 9.841-294.0 | B 150 R Bp 2SB, R 75 cylindrical scrub deck, 36V/360 Ah batteries, dual side brushes.                            |
| 9.841-295.0 | B 150 R Bp 2SB, R 75 cylindrical scrub deck, 36V/312 Ah AGM batteries, dual side brushes.                        |
| 9.841-292.0 | B 150 R Bp, R 85 cylindrical scrub deck, 36V/360 Ah batteries.   |
| 9.841-293.0 | B 150 R Bp, R 85 cylindrical scrub deck, 36V/312 Ah AGM batteries.   |
| 9.841-296.0 | B 150 R Bp 2SB, R 85 cylindrical scrub deck, 36V/360 Ah batteries, dual side brushes.                            |
| 9.841-297.0 | B 150 R Bp 2SB, R 85 cylindrical scrub deck, 36V/312 Ah AGM batteries, dual side brushes.                        |
| 9.841-367.0 | B 150 R Bp, scrub deck sold separately, 36V/312 Ah AGM batteries   |
| 9.841-368.0 | B 150 R Bp 2SB, scrub deck sold separately, 36V/312 Ah AGM batteries, dual side brushes                          |
| 9.841-365.0 | B 150 R Bp Advanced, scrub deck sold separately, 36V/312 Ah AGM batteries (special order)                        |
| 9.841-366.0 | B 150 R Bp 2SB Advanced, scrub deck sold separately, 36V/312 Ah AGM batteries, dual side brushes (special order) |

# **B 150 R BP ACCESSORIES**

### **ACCESSORIES**

| ~, | CESSONIES   |  |
|----|-------------|--|
|    | Order No.   | Description  |
| •  | 4.778-007.0 | Squeegee assembly, 37-inch, parabolic assembly with linatex blades, standard on machines with R 75 & D 75 scrub decks  |
|    | 4.039-356.0 | 37" Linatex squeegee blades  |
|    | 4.039-357.0 | 37" Polyurethane squeegee blades   |
|    | 4.039-366.0 | 37" Mixed blades (front poly / rear Linatex)   |
| •  | 4.778-009.0 | Squeegee assembly, 47-inch, parabolic assembly with linatex blades, standard on machines with R 85 & D 90 scrub decks  |
|    | 4.039-362.0 | 47" Linatex squeegee blades  |
|    | 4.039-363.0 | 47" Polyurethane squeegee blades   |
| •  | 8.622-842.0 | 6V/360 Ah wet batteries  |
| •  | 8.629-184.0 | Battery, 6V/312 Ah AGM battery   |
| •  | 8.628-408.0 | Battery charger, 36V, 36A, 115V (for use with 8.622-842.0)   |
| •  | 8.600-015.0 | AGM battery charger, 36V, 21A, 115V  |
|    | 2.642-058.0 | Spray suction kit - for cleaning areas not easily accessed by machine (field installation required)  |
|    | 6.435-733.0 | Non-marking rear wheel, for use on sensitive floors that mark easily (field installation required)   |
|    | 4.444-015.0 | Suction hose accessories, for taking in water from corners (e.g. deep freezers)  |
|    | 4.035-516.0 | 360° Warning beacon (field installation required)  |
|    | 2.641-811.0 | Cleaning agent dosing system DS 3 - can be directly connected to the main water supply; the fresh water tank is filled with the mixture of water and cleaning agent. Also in connection with the ABS filling system. |
|    | 6.435-810.0 | Front tires, traction - with V profile and tire compound with especially good traction properties. Oil-proof.  |
|    | 6.951-073.0 | Replacement side broom, for use with R-type scrub decks (1-pack)   |
|    |             |  |

See Cleaning Heads & Brushes section for available scrub decks.

# **CLEANING HEADS & BRUSHES**







R-Series Cylindrical Heads



S-Series Vibration Heads

We offer three different scrub decks to suit your unique needs. The three types R (cylindrical), D (disc) or S (vibration) each have their specific advantages. Disc decks are ideal for everyday scrubbing. Cylindrical heads are ideal for stubborn dirt or uneven surfaces. The S heads are very efficient at stripping of floors. No matter your need, Kärcher has you covered.

### D 43 | 17-INCH DISC SCRUB DECK

| Order No.    | Description   | B 40 | B 60 | B 80 | B 150 |
|--------------|---|------|------|------|-------|
| 2.763-023.0  | D 43 head, 17-inch scrub deck for all battery-powered B 40 units                          |      |      |      |       |
| 4.762-533.0  | Pad driver  |      |      |      |       |
| 6.905-526.0  | Disc microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile |      |      |      |       |
| 4.905-023.0  | Disc brush, natural fibers  |      |      |      |       |
| 6.369-470.0  | Disc pad, red (general purpose/standard)  |      |      |      |       |
| 4.905-022.0  | Red disc brush, 17-inch   |      |      |      |       |
| 4.905-024.0  | Disc brush, white 17-inch   |      |      |      |       |
| 4.905-025.0  | Disc brush, black 17-inch   |      |      |      |       |
| 6.369-472.0  | Disc pad green (aggressive)   |      |      |      |       |
| 6.369-473.0  | Disc pad black (very aggressive)  |      |      |      |       |
| 6.369-469.0  | Disc pad white (soft)   |      |      |      |       |
| 6.371-081.0  | Disc pad beige (light aggregate)  |      |      |      |       |
| 6.371-149.0  | Disc pad, natural   |      |      |      |       |
| D 54   20 II | ICH DICC CCDIID DECA  |      |      |      |       |

### D 51 | 20-INCH DISC SCRUB DECK

| 2.763-026.0     | D 51 head, 20" / 510mm Scrub Deck for all Battery-Powered B 40 units   |
|-----------------|--|
| 8.642-710.0     | One Time Conversion Kit, D 51 Ortibal head (for serial # 10358 and higher)*  |
| 8.638-801.0     | Assembly, Deck, D 51 Orbital (replacement deck assembly)   |
| 4.905-026.0     | Disc brush, medium grit, red, for general cleaning (standard on brush machines)                                      |
| 4.905-028.0     | Disc brush, very soft, for cleaning sensitive floors and polishing, white  |
| 4.905-029.0     | Disc brush, hard, for stubborn dirt and deep cleaning. Only for hard-wearing surfaces, black                         |
| 4.905-027.0     | Disc brush, soft, made of natural fibers, for cleaning and polishing   |
| 4.762-534.0     | Pad driver, 19 inch, features a quick-change coupling and centerlock (standard on pad driver machines)               |
| 6.371-271.0     | Disc microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile                            |
| 6.369-079.0     | Red disc pad, 20-inch, medium soft red for cleaning all types of floors, 5-pack                                      |
| 6.369-078.0     | Green disc pad, 20-inch, aggressive for cleaning heavily soiled floors and for deep cleaning, 5-pack                 |
| 6.369-077.0     | Black pad, 20-inch, hard, for cleaning heavily soiled floors and for deep cleaning, 5 pack                           |
| 6.369-468.0     | Beige disc pad, 20-inch, light grit, for polishing and refreshing of hard and elastic smooth floor coverings, 5 pack |
| 6.371-146.0     | Beige disc pad, 20 inch, soft, natural hair, for polishing   |
| *F== ===:=  #10 | 257 and January and Austrian C C12 F12 2 must also be added  |

<sup>\*</sup>For serial #10357 and lower, part number 6.613-512.3 must also be ordered

### D 55 | 22-INCH DISC SCRUB DECK

| 2.763-001.0 | D 55 brush head, disc head, 22-inch      |  |  |
|-------------|--|--|--|
| 4.905-015.0 | Disc brush, white - soft                 |  |  |
| 4.905-016.0 | Disc brush, natural bristles             |  |  |
| 4.905-014.0 | Disc brush, red, standard with D 55 head |  |  |
| 4.905-017.0 | Disc brush, black - very aggressive      |  |  |
| 4.762.445.0 | Pad driver                               |  |  |
| 6.371-153.0 | Disc pad, red (soft)                     |  |  |
| 6.371-154.0 | Disc pad, green (medium)                 |  |  |
| 6.371-155.0 | Disc pad, black (hard)                   |  |  |
|             |  |  |  |

### D 65 | 26-INCH DISC SCRUB DECK

| 2.763-003.0 | D 65 brush head, disc head, 26-inch   |   | - |
|-------------|---|---|---|
| 4.905-011.0 | Disc brush, white - soft  | _ |   |
| 4.905-012.0 | Disc brush, natural bristles  |   |   |
| 4.905-010.0 | Disc brush, red, standard with D 65 head  |   |   |
| 4.905-013.0 | Disc brush, black - very aggressive   |   |   |
| 4.762-446.0 | Pad driver  |   |   |
| 6.369-003.0 | Red disc pads, set of 5   |   |   |
| 6.369-002.0 | Green disc pads, medium soft, green, set of 5   |   |   |
| 6.369-001.0 | Black disc pads, hard, set of 5   |   |   |
| 6.369-959.0 | Disc microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile |   |   |
|             |   |   |   |

# **CLEANING HEADS & BRUSHES**

### D 75 | 30-INCH DISC SCRUB DECK

| 2783 0000 D 75 brush hotes _ dots hadd. 30 inch  | Order No.    | Description  | B 40 | B 60 | B 80 | B 150 |
|--|--------------|--|------|------|------|-------|
| 4.955-0120 Disc bruch, natural bristles 4.955-0121 Disk bruch, 1264, standard with D.75 head 6.359-7920 Disc pool brok florid) 6.359-7930 Disc pool brok florid) 6.359-7930 Disc pool brok florid 7.959-0130 Disc brok, hotels - storid 7.959-0130 Di | 2.763-005.0  | D 75 brush head, disc head, 30-inch  |      |      |      | -     |
| 4905-0120 Disc brush, rest, standard with D 79 bead 4705-0120 Disc brush, black - very ageresive 4705-0120 Disc past green functions 5807-0120 Disc past green functions 5807-0120 Disc past green functions 5807-0120 Disc past brack plants 5807-0120 Disc past brack plants 5807-0120 Disc past brack plants 5807-0120 Disc microfiber past, for daily deaning of delicate surfaces including LVT and stone tile  9901-0156-1140-1140 DISC SCRUB DECK  7903-0080 Disc brush, rest, standard with D 90 head 4005-0001 Disc brush, rest, standard with D 90 head 4005-0001 Disc brush, rest, standard with D 90 head 4005-0001 Disc brush, rest, standard with D 90 head 4005-0001 Disc brush, brush - brush brush -  | 4.905-019.0  | Disc brush, white - soft   |      |      |      |       |
| 4.959 2012 Disc bruth, bites: very aggressive  4.952-4470. Page 4.951 Disc, paul red for for 1.952-991 Disc, paul red for for 1.952-991 Disc, paul red for for 1.952-991 Disc, paul red for for faily cleaning of delicate surfaces including LVT and stone title  5.957-992 Disc, paul red for faily cleaning of delicate surfaces including LVT and stone title  5.957-993 Disc, paul red for faily cleaning of delicate surfaces including LVT and stone title  5.957-993 Disc, paul red for faily cleaning of delicate surfaces including LVT and stone title  5.957-993 Disc, paul red faily with 1.959-993 Disc, paul red faily cleaning of delicate surfaces including LVT and stone title  5.959-993 Disc, paul red faily red faily cleaning of delicate surfaces including LVT and stone title  5.959-993 Disc, paul red faily red faily cleaning of delicate surfaces including LVT and stone title  5.959-993 Disc, paul red faily red fa | 4.905-020.0  | Disc brush, natural bristles   |      |      |      | •     |
| 4.959 2012 Disc bruth, bites: very aggressive  4.952-4470. Page 4.951 Disc, paul red for for 1.952-991 Disc, paul red for for 1.952-991 Disc, paul red for for 1.952-991 Disc, paul red for for faily cleaning of delicate surfaces including LVT and stone title  5.957-992 Disc, paul red for faily cleaning of delicate surfaces including LVT and stone title  5.957-993 Disc, paul red for faily cleaning of delicate surfaces including LVT and stone title  5.957-993 Disc, paul red for faily cleaning of delicate surfaces including LVT and stone title  5.957-993 Disc, paul red faily with 1.959-993 Disc, paul red faily cleaning of delicate surfaces including LVT and stone title  5.959-993 Disc, paul red faily red faily cleaning of delicate surfaces including LVT and stone title  5.959-993 Disc, paul red faily red faily cleaning of delicate surfaces including LVT and stone title  5.959-993 Disc, paul red faily red fa | 4.905-018.0  | Disc brush, red, standard with D 75 head   |      |      |      |       |
| 4702-4470 Part officer  6369-7910 Disc pair, gener (incitium)  6369-7910 Disc pair, gener (incitium)  6371-0780 Disc microfiber pair, for daily cleaning of celerate surfaces including LVT and stone title  D90136-1NCH DISC SCRUB DECK  7263-0080 Disc brush, rest, standard with 18 on head  4905-0010 Disc brush, rest, standard with 18 on head  4905-0010 Disc brush, rest, standard with 18 on head  4905-0010 Disc brush, rest, standard with 18 on head  4905-0010 Disc brush, rest, standard with 18 on head  4905-0010 Disc brush, rest, standard with 18 on head  4905-0010 Disc brush, standard with 18 on head  4905-0010 Disc pair, see Indisc head  4905-0010 Di |              |  |      |      |      | _     |
| 6.3897800 Disc paul, rest finetium) 6.3897800 Disc paul, sees finetium) 6.3897800 Disc paul, beach fundid 6.3897800 Disc paul, beach disc, 36-inch 6.38967800 Disc brush, paul, paul with Bibliogen 6.38967800 Disc brush, paul, paul beach 6.38967800 Disc paul, beach - hard 6.3896780 Disc paul, beach - hard 6.38967800 Disc paul, beach - hard 6.38967800 Disc paul, beach - hard 6.3896780 Dis |              |  |      |      |      |       |
| Basil Page   Disc paid pager in precisions   Basil Page   |              |  |      |      |      |       |
| 6.399-798.0 Disc mortificing pad, for daily cleaning of delicate surfaces including LYT and stone title  D90 J36-INCH DISC SCRUB DECK  2763-008.0 D 90 brush head, dist, 36-inch  4095-004.0 Disc brush, red, straded with D 90 head  4095-004.0 Disc brush, red, straded with D 90 head  4095-004.0 Disc brush, white spots   |              |  |      |      |      |       |
| Boylogia   |              | 1 12   |      |      |      |       |
| D 90   36-INCH DISC SCRUB DECK 27:33 008   |              |  |      |      |      |       |
| 2763-008.0 D 90 brush head, disc, 36-linch 4093-003.0 Disc brush, red, standard with 3 90 head 4093-003.0 Disc brush, white soft 4093-004.0 D brush, brush ristles 4095-005.0 D bic brush, white-soft 4762-493.0 Pad driver 4762-493.0 Pad driver 5890-002.0 D brush, black - hard 5890-002.0 C brush, black - hard 5890-002.0 C brush, black - hard - h |              | · · · · · · · · · · · · · · · · · · ·  |      |      | _    | _     |
| 4905-0030 Disc brush, red standard with D 90 head 4905-0040 Disc brush, harver bristles 4905-0050 Disc brush, black - very aggressive 6369-0030 Disc pad, green - medium 6369-0030 Disc pad, green - |              |  |      |      |      |       |
| 4905-096.0 Disc brush, white - soft 4905-096.0 Disc brush, black - very agaressive 4905-096.0 Disc brush, black - very agaressive 4705-096.0 R 4 S head, 18-inch scrub desk for traction drive machines (for C Units) 4705-096.0 Upindrical end brush, medium stiff brittles for all around cleaning on smooth and textured floors 4705-096.0 Cylindrical lead brush, soft broistes for genetic cleaning on all-surface floors 4705-096.0 Cylindrical leads brush, soft broistes for genetic cleaning on all-surface floors 4705-096.0 Cylindrical leads brush, soft brush |              |  |      |      |      | •     |
| 4905-0050 Disc brush, black - very aggressive 4762-4930 Pad driver 5369-0220 Disc pad, plack - hard 5369-0230 Disc pad, green - medium 5369-0230 R 45 head, 18-inch scrub deck for non traction drive machines (for V Units) 5369-0230 R 45 head, 18-inch scrub deck for fraction drive machines (for V Units) 5369-0230 Cylindrical variety bank, ded must filt rotates for all ground dealing on smooth and textured floors 5369-0300 Cylindrical green brush, soft in states for gentle cleaning on all surface floors 5369-0300 Cylindrical green brush, soft bristles for aggressive cleaning on irregular surface floors 5369-0300 Cylindrical green brush, soft bristles for a subborn dirt on rusged floors 5369-0300 Cylindrical green brush, soft bristles for a subborn dirt on rusged floors 5369-0300 Cylindrical green brush, soft bristles for a subborn dirt on rusged floors 5369-0300 Cylindrical green brush, soft bristles for subborn dirt on rusged floors 5369-0300 Cylindrical green brush, soft or daily cleaning of delicate surfaces including LVT and stone tile 5369-0300 Cylindrical green brush, soft or daily cleaning of delicate surfaces including LVT and stone tile 5369-0300 Cylindrical green brush called for filiphic glass floors 5369-0300 Cylindrical green brush called for filiphic glass floors 5369-0300 Cylindrical green brush, green brush called for filiphic glass floors 5369-0300 Cylindrical green brush, green brush, soft or filiphic glass floors 5369-0300 Cylindrical green brush, green brush, soft or filiphic glass floors 5369-0300 Cylindrical green brush, green brush, soft or filiphic glass floors 5369-0300 Cylindrical green brush, green brush, green brush, soft or all propose cylindrical green brush, green brush, sof |              |  |      |      |      | -     |
| 4 905-006 Disc brush, block - very aggressive 4 762-4930 Disc pad, green - medium 6.369-0220 Disc pad, green - medium 7 Disc pad, green - medium 7 Disc pad, green - medium 8 Disc pad, green - medium 8 Disc pad, green - medium 8 Disc pad, green - medium 9 Disc pad, |              |  |      |      |      | _     |
| 4762-4930 Pad driver  845 18-INCH CYUNDRICAL SCRUB DECK  2763-0200 R 45 head. 18-inch scrub deck for non-traction drive machines (for C Units)  8 4762-3910 (Significal and publishes for 18-inch scrub deck for non-traction drive machines (for W Units)  9 4762-3920 (Significal and bursh, soft birstles for although dealing on smooth and textured floors  9 4762-4950 (Sylindrical and bursh, soft birstles for although dealing on smooth and textured floors  9 4762-4950 (Sylindrical pads bands, bursh high-low birstles for claiming all grounds surface floors  9 4762-4950 (Sylindrical pads bands, bursh high-low birstles for claiming all grounds surface floors  9 4762-4960 (Sylindrical pads bands, bursh, soft birstles for claiming all grounds surface floors  9 4762-4970 (Sylindrical pads bands, bursh, soft birstles for claiming all grounds surface floors  9 4762-4970 (Sylindrical pads bands, bursh, soft birstles for claiming all grounds surface floors  9 4762-4970 (Sylindrical pads bands, bursh, soft birstles for claiming all grounds surface floors  9 4762-4970 (Sylindrical pads bands, bursh, soft birstles for claiming all grounds surface floors  9 4762-4970 (Sylindrical pads bands, bursh, soft birstles for claiming to require surface floors  9 4762-4970 (Sylindrical pads bands, bursh, soft birstles, soft subborn dirt on rugged floors  9 4762-4970 (Sylindrical pads, soft desired for daily cleaning of delicate surfaces including LVT and stone tile  9 6367-100 (Sylindrical pads, soft desired for floors)  9 8 512-INCH CYLINDRICAL SCRUB DECK  1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9  | 4.905-005.0  | Disc brush, white - soft   |      |      |      | -     |
| 6.369-022.0 Disc pad, piece - medium 6.369-022.0 Disc pad, green - medium 6.369-023.0 Disc pad, green - medium 6.369-024.0 Qirindrical with the medium stiff bristles for all-around cleaning on smooth and textured floors 6.369-024.0 Qirindrical pade brush, high-low bristles for cleaning all grouted surface floors 6.369-024.0 Qirindrical pade brush, high-low bristles for subborn dirt on rusged floors 6.369-024.0 Qirindrical pade brush, textremely stiff bristles for subborn dirt on rusged floors 6.369-024.0 Qirindrical pade brush, textremely stiff bristles for subborn dirt on rusged floors 7.369-024.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-024.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-024.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-025.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-026.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-026.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-027.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-027.0 Qirindrical pade shaft frequired for all brushes believe) 7.369-028.0 Qirindrical pade shaft frequired shaft frequired for all brushes believe) 7.369-028.0 Qirindrical pade pade shaft frequired shaft for all |              | Disc brush, black - very aggressive  |      |      |      | •     |
| 6.369-0240 Disc pad, green - medium 6.369-0240 Disc pad, red - soft 8.48   18-INCH CYLINDRICAL SCRUB DECK 2.763-0200 R 45 head, 18-inch scrub deck for non-traction drive machines (for C Units) 2.763-03010 R 45 head, 18-inch scrub deck for traction drive machines (for W Units) 4.762-3910 C (prindrical red brush, sedum stiff bristes for all-anound cleaning on smooth and textured floors 4.762-3900 C (prindrical principle brush, sedum stiff bristes for all-anound cleaning on smooth and textured floors 4.762-4050 C (prindrical principle brush, sight bristies for agencia cleaning all grouted surface floors 4.762-4060 C (prindrical principle brush, sight bristies for agencia cleaning on irregular surface floors 4.762-4080 C (prindrical principle brush, sight bristies for subborn dirt on rusged floors 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all brushes below) 4.762-4080 C (prindrical pad, sight required for all prushes 4.762-4080 C (prindrical pad, sight required for all prushes below) 4.762-4090 C (prindrical pad, sight required for all prushes for a sight required for all prushes below) 4.762-4090 C (prindrical pad, sight required for all prushes for a sight required for all prushes for a sight required for a sight r | 4.762-493.0  | Pad driver   |      |      |      |       |
| R 45 I B-INCK CYLINDRICAL SCRUB DECK  2763-0190 R 45 head, 18-inch scrub deck for non-traction drive machines (for C Units)  1   | 6.369-022.0  | Disc pad, black - hard   |      |      |      | •     |
| R 45   18-INCH CYLINDRICAL SCRUB DECK  2.763-020.0 R 45 head, 18-inch scrub deck for non-traction drive machines (for C Units)   | 6.369-023.0  | Disc pad, green - medium   |      |      |      |       |
| 2.763-020.0 R 45 head, 18-inch scrub deck for non-traction drive machines (for C Units) 2.763-019.0 R 45 head, 18-inch scrub deck for traction drive machines (for W Units) 4.762-390.0 (Cylindrical arb troxis, medium stiff bristles for all-around cleaning on smooth and textured floors 4.762-405.0 (Cylindrical orange brush, high-low bristles for gentle cleaning on all-surface floors 4.762-406.0 (Cylindrical orange brush, high-low bristles for cleaning all grouted surface floors 4.762-408.0 (Cylindrical black brush, extremely stiff bristles for subborn did not regular surface floors 4.762-408.0 (Cylindrical park firequired for all brushes below) 4.762-408.0 (Cylindrical park) (For daily cleaning of delicate surfaces including LVT and stone tile 6.367-107.0 (Cylindrical park), white, (very soft) for high-gloss floors 6.367-108.0 (Cylindrical park), white, (very soft) for high-gloss floors 6.367-108.0 (Cylindrical park), white, (very soft) for high-gloss floors 6.367-108.0 (Cylindrical park), experimental floors 6.367-108.0 (Cylindrical park), experimental floors 6.367-108.0 (Cylindrical park), experimental floors 6.367-108.0 (Cylindrical orange floors) 7.763-013.0 R 55 head, 22-inch scrub deck for traction drive machines (for 8 d0 W) 7.763-013.0 R 55 head, 22-inch scrub deck for floors 7.763-013.0 R 55 head, 22-inch scrub deck for floors 7.763-013.0 R 55 head, 22-inch scrub deck for floors 7.763-013.0 R 55 head, 22-inch, head bristles, all-around cleaning on smooth and textured floors 7.763-013.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors 7.763-013.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors 7.763-013.0 Cylindrical bristles, experimental floors 7.763-013.0 Cylindrical bristles, experimental floors 7.763-013.0 Cylindrical bristles, experimental floors 7.763-013.0 Cylindri | 6.369-024.0  | Disc pad, red - soft   |      |      |      | •     |
| 2.763-019.0 R 45 head, 18-inch scrub deck for traction drive machines (for W Units) 4.762-39.0. Cylindrical red brush, medium stiff bristles for all-around cleaning on smooth and textured floors 4.762-40.6 Cylindrical probe brush, stiff bristles for gentle cleaning on all-surface floors 4.762-40.8 Cylindrical probe brush, stiff bristles for cleaning all grouted surface floors 4.762-40.8 Cylindrical pades brush, stiff bristles for regardessive cleaning on irregular surface floors 4.762-40.8 Cylindrical pades brush, stiff bristles for subborn dirt on rugged floors 4.762-40.8 Cylindrical pads fall (regulered for all brushes below) 4.762-40.8 Cylindrical pads, pellow (soft) 6.367-10.0 Cylindrical pads, pellow (soft) 6.367-10.0 Cylindrical pads, pellow (soft) 6.367-10.0 Cylindrical pads, peen (hard & aggressive)  8.55   22-INCH CYLINDRICAL SCRUB DECK  2.763-01.3 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 8.55   22-INCH CYLINDRICAL SCRUB DECK  2.763-01.0 R 55 head, 22-inch scrub deck for 16 0 and 90 machines) 4.762-40.0 Cylindrical and scrub deck for 16 0 and 90 machines 4.762-40.0 Cylindrical orange brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 4.762-40.0 Cylindrical white brush, 22-inch, bristles soft under the scrub deck for bristles, all-around cleaning on smooth and textured floors 4.762-40.0 Cylindrical white brush, 22-inch, bristles soft under the scrub deck for bristles, all-around cleaning on smooth and textured floors 4.762-410.0 Cylindrical pad shaft, 22-inch, bristles, all-around cleaning on smooth and textured floors 4.762-410.0 Cylindrical pad shaft, 22-inch, and bristles 4.762-410.0 Cylindrical pad shaft, 22-inch, bristles, all-around cleaning on smooth and textured floors 4.762-410.0 Cylindrical brush black 22-inch 6.369-732.0 Willow pad, 22-inch, per duling the formal pad shaft bristles all-around cleaning on smooth and textured floors 4.762-410.0 Cylindrical brush, text standard with R 55 head 6.369-732.0 Villow pad, 22 | R 45   18-IN | NCH CYLINDRICAL SCRUB DECK   |      |      |      |       |
| 4.762-392.0 Cylindrical red brush, medium stiff bristles for all-around cleaning on smooth and textured floors 4.762-405.0 Cylindrical white brush, soft bristles for gentle cleaning on all-surface floors 4.762-406.0 Cylindrical agree brush, high-how bristles for cleaning oil grouted surface floors 4.762-407.0 Cylindrical agree brush, seth who bristles for cleaning oil protections 4.762-408.0 Cylindrical agree brush, seth who bristles for subborn dirt on rugged floors 4.762-413.0 Cylindrical add shaft (required for all brushes below) 4.114-009.0 Cylindrical microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile 4.762-413.0 Cylindrical pad, seth, seth seth seth seth seth seth seth seth   | 2.763-020.0  | R 45 head, 18-inch scrub deck for non-traction drive machines (for C Units)                        |      |      |      |       |
| 4.762-405.0 Cylindrical white brush, soft bristles for gentle cleaning on all-surface floors 4.762-406.0 Cylindrical grange brush, high-low bristles for cleaning all grouted surface floors 4.762-408.0 Cylindrical page brush, high-low bristles for agressive cleaning on irregular surface floors 4.762-408.0 Cylindrical black brush, extremely stiff bristles for subborn dirt on rugged floors 4.114-009.0 Cylindrical pad shaft (required for all brushes below) Cylindrical microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile 6.367-105.0 Cylindrical pad, yellow (soft) 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, spreen (hard & aggressive)  8.55 [22-INCH CYLINDRICAL SCRUB DECK  7.63-011.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 7.63-011.0 R 55 head, 22-inch scrub deck for 860 and 90 machines) 7.63-011.0 R 55 head, 22-inch scrub deck for 860 and 90 machines (for B 40 W) 7.63-011.0 R 55 head, 22-inch scrub deck for 860 and 90 machines) 7.63-011.0 Cylindrical white brush, 22-inch, high/low bristles, all-around cleaning on smooth and textured floors 7.63-011.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors 7.63-011.0 Cylindrical brush black 22-inch 7.63-012.0 Cylindrical brush black 22-inch 7.63-013.0 Cylindrical brush black 22-inch 7.63-013.0 Cylindrical brush black 22-inch 7.63-013.0 Cylindrical pad shaft, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 7.63-013.0 Cylindrical pad shaft, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 7.63-013.0 Cylindrical pad shaft, 22-inch, for daily cleaning on smooth and textured floors 7.63-013.0 Cylindrical pad shaft, 22-inch, for daily cleaning on smooth and textured floors 7.63-013.0 Cylindrical pad shaft, 22-inch, for daily cleaning on smooth and textured floors 7.63-013.0 Cylindrical pad, includes sleeve, | 2.763-019.0  | R 45 head, 18-inch scrub deck for traction drive machines (for W Units)                            |      |      |      |       |
| 4.762-406.0 Cylindrical orange brush, high-low bristles for cleaning all grouted surface floors 4.762-407.0 Cylindrical green brush, stiff bristles for ageressive cleaning on irregular surface floors 4.762-401.0 Cylindrical ageren brush, stiff bristles for ageressive cleaning on irregular surface floors 4.762-401.0 Cylindrical pad shaft (required for all brushes below) 4.114-002.0 Cylindrical ad yellow (soff) 6.367-105.0 Cylindrical adds, red, general purpose 6.367-105.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pad, white, (very soff) for high-gloss floors 6.367-106.0 Cylindrical pad, green (hard & ageressive)  7.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 7.763-013.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 7.763-010.0 Cylindrical adds, red, general purpose 7.763-010.0 Cylindrical red brush, 22-inch, serd of which we machines (for B 40 W) 7.762-000.0 Cylindrical white brush, 22-inch, serd 7.762-400.0 Cylindrical white brush, 22-inch, serd 7.762-411.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 7.762-411.0 Cylindrical green brush, 22-inch, hard bristles 7.762-411.0 Cylindrical pads shaft, 22-inch, pad black 22-inch 7.762-410.0 Cylindrical brush black 22-inch 7.762-410.0 Cylindrical brush, red, 22-inch brush 7.762-410.0 Cylindrical brush, red, 22-inch 7.762-410.0 Cylindrical bru | 4.762-392.0  | Cylindrical red brush, medium stiff bristles for all-around cleaning on smooth and textured floors |      |      |      |       |
| 4.762-406.0 Cylindrical orange brush, high-low bristles for cleaning all grouted surface floors 4.762-407.0 Cylindrical green brush, stiff bristles for aggressive cleaning on irregular surface floors 4.762-408.0 Cylindrical pades though, extremely stiff bristles for stubborn dirt on rugged floors 4.762-408.0 Cylindrical and shaft (required for all brushes below) 4.114-093.0 Cylindrical pad, shaft (required for all brushes below) 4.114-093.0 Cylindrical pad, spellow (soft) 6.367-105.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, speen (hard & aggressive)  7.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 7.763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 7.763-012.0 Cylindrical red brush, 22-inch, soft deck for some shaft of the speen  | 4.762-405.0  | Cylindrical white brush, soft bristles for gentle cleaning on all-surface floors                   |      |      |      |       |
| 4.762-407.0 Cylindrical green brush, stiff bristles for aggressive cleaning on irregular surface floors 4.762-408.0 Cylindrical back brush, extremely stiff bristles for stubborn dirt on rugged floors 4.762-408.0 Cylindrical bash fatt (required for all brushs below) 4.114-009.0 Cylindrical pad, yellow (soft) 6.367-105.0 Cylindrical pad, yellow (soft) Cylindrical pad, red, general purpose 6.367-108.0 Cylindrical pad, white, (very soft) for his-gloss floors 6.367-106.0 Cylindrical pad, white, (very soft) for his-gloss floors 6.367-106.0 Cylindrical pad, green (hard & aggressive)  8.55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 8.755   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 C units) 8.756-002.0 R 55 head, 22-inch scrub deck for 660 and 90 machines) Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors Cylindrical white brush, 22-inch, hard bristles for uneven floors Cylindrical area brush, 22-inch, high/low bristles for uneven floors Cylindrical green brush, 22-inch, hard bristles Cylindrical brush black 22-inch Cylindrical brush black 22-inch Cylindrical brush black 22-inch Cylindrical pad shaft, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile Cylindrical microfiber pad, 22-inch, for daily cleaning on smooth and textured floors Cylindrical microfiber pad, 22-inch, for daily cleaning on smooth and textured floors Cylindrical microfiber pad, 22-inch, for daily cleaning on smooth and textured floors Cylindrical brush black 22-inch Cylindrical brush, red, 25-inch, percented Cylindrical brush, red, 25-inch, percented Cylindrical brush, red, 25-inch, percented Cylindrical brush, red, standard with R 55 head Cylindrical brush, red, cylindrical, 2 | 4.762-406.0  |  |      |      |      |       |
| 4.762-408.0 Cylindrical black brush, extremely stiff bristles for stubborn dirt on rugged floors 4.762-413.0 (Cylindrical pads shaft (required for all brushes below) 4.762-413.0 Cylindrical pads, shaft (required for all brushes below) 4.762-70.0 Cylindrical pads, yellow (soft) 6.367-108.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pads, gred, general purpose 6.367-108.0 Cylindrical pad, green (hard & aggressive)  R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-011.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units)  R 55 head, 22-inch scrub deck for ron-traction drive machines (for B 40 W)  2.736-001.0 R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 55 head, 22-inch scrub deck for 860 and 90 machines)  R 56 head, 22-inch scrub deck for 860 and 90 machines  R 56 head, 22-inch scrub deck for 860 and 90 machines  R 56 head, 22-inch scrub deck for 860 and 90 machines  R 56 head, 22-inch scrub deck for 860 and 90 machines  R 56 head, 22-inch scrub deck for 860 and 90 machines  R 56 head, 22-inch, 10 machines for 860 and 90 machines  R 57 head, 22-inch, 10 machines for 860 and 90 machines  R 57 head, 22-inch and 90 machines  R 58 head, 22-inch and 90 machines  R 58 head, 22-inch and 90 machines  R 58 head, 22-inch and 90 mac | 4.762-407.0  |  |      |      |      |       |
| 4.762-413.0 Cylindrical pads shaft (required for all brushes below) 4.114-009.0 Cylindrical microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile 6.367-107.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, green (hard & aggressive)  R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 W) 8.756-002.0 R 55 head, 22-inch scrub deck for station drive machines (for B 40 W) 9.736-002.0 R 55 head, 22-inch scrub deck for station drive machines (for B 40 W) 9.736-002.0 Q Cylindrical white brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 9.7462-440.0 Cylindrical around brush, 22-inch, high/low bristles for uneven floors 9.7462-4410.0 Cylindrical green brush, 22-inch, hard bristles 9.7462-4410.0 Cylindrical green brush, 22-inch, hard bristles 9.7462-4410.0 Cylindrical prush black 22-inch 9.7462-4410.0 Cylindrical prush black 22-inch, around cleaning on smooth and textured floors 9.7462-4410.0 Cylindrical green brush, 22-inch, hard bristles 9.7462-4410.0 Cylindrical prush black 22-inch, around cleaning on smooth and textured floors 9.7462-4410.0 Cylindrical prush black 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 9.7462-4410.0 Cylindrical prush white, soft 9.7462-4410.0 Cylindrical prush black 22-inch, for daily cleaning on smooth and textured floors 9.7462-4410.0 Cylindrical prush white, soft 9.7462-4410.0 Cylindrical brush, red, standard with R 55 head 9.7462-4410.0 Cylindrical brush, red, standard with R 55 head 9.7462-4410.0 Cylindrical brush, red, standard with R 55 head 9.7462-4410.0 Cylindrical brush, red, standard with R 55 head 9.7462-4410.0 Cylindrical brush, red, standard with R 55 head 9.7462-4410.0 Cylindrical |              |  |      |      |      |       |
| 4.114-009.0 Cylindrical microfiber pad, for daily cleaning of delicate surfaces including LVT and stone tile 6.367-102.0 Cylindrical pad, yellow (soft) 6.367-102.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, green (hard & aggressive)  7.63-011.0 Cylindrical pad, green (hard & aggressive)  8.55 Pead, 22-inch Scrub deck for non-traction drive machines (for B 40 C units) 8.763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 8.736-002.0 R 55 head, 22-inch scrub deck (for B 60 and 90 machines) 8.635-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 8.635-184.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 9.62-410.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 9.62-410.0 Cylindrical green brush, 22-inch, high/low bristles 9.62-410.0 Cylindrical green brush, 22-inch, high/low bristles 9.636-936-92.0 Cylindrical green brush, 22-inch, ard bristles 9.636-936-92.0 Cylindrical green brush, 22-inch, ard bristles 9.636-937-93.0 Cylindrical green brush, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 9.6369-733.0 Cylindrical, stripping 22-inch 9.6369-733.0 Green pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 9.6369-733.0 Green pad, 22-inch 9.6369-733.0 Cylindrical prush, white, soft 9.6369-739.0 Cylindrical brush, uring, soft 9.6369-939.0 Cylindrical brush, red, standard with R 55 head 9.696-930.0 Cylindrical brush, uring, speen, hard 9.696-930.0 Cylindrical brush, preen, hard 9.696-930.0 Cylindrical brush, tred, crequired 9.696-930.0 White extra soft, set of 20   |              |  |      |      |      |       |
| 6.367-105.0 Cylindrical pad, yellow (soft) 6.367-108.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-108.0 Cylindrical pad, green (hard & aggressive)  R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 2.763-010.1 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 2.763-010.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 2.763-010.0 Q R 55 head, 22-inch scrub deck for B 60 and 90 machines) 4.035-184.0 Cylindrical red brush, 22-inch, nedium stiff bristles, all-around cleaning on smooth and textured floors 4.762-409.0 Cylindrical white brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical preep brush, 22-inch, hard bristles 4.762-411.0 Cylindrical preep brush, 22-inch, hard bristles 4.762-411.0 Cylindrical preep brush, 22-inch, ard bristles 4.762-412.0 Cylindrical preep brush, 22-inch, ard bristles 4.762-412.0 Cylindrical preep brush, 22-inch, ard bristles 4.762-412.0 Cylindrical preep brush, 22-inch, ard bristles 4.763-973.0 Cylindrical preep brush, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Villog pad, 22-inch 6.369-733.0 Green pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 Green pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-739.0 Villodrical brush, white, soft 6.369-739.0 Cylindrical brush, red, standard with R 55 head 6.369-6-970.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, standard with R 55 head 6.960-979.0 Cylindrical brush, red, |              |  |      |      |      |       |
| 6.367-107.0 Cylindrical pads, red, general purpose 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-106.0 Cylindrical pad, green (hard & aggressive)  R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 2.763-010.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 2.736-002.0 R 55 head, 22-inch scrub deck (for B 60 and 90 machines) 4.035-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 2.762-401.0 Cylindrical red brush, 22-inch, high/low bristles for uneven floors 2.762-411.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 2.762-411.0 Cylindrical green brush, 22-inch, hard bristles 2.762-412.0 Cylindrical brush black 22-inch 2.762-412.0 Cylindrical brush black 22-inch 2.762-413.0 Cylindrical brush black 22-inch 2.762-414.0 Cylindrical brush black 22-inch 2.762-415.0 Cylindrical brush black 22-inch 2.762-415.0 Cylindrical brush black 22-inch 2.762-415.0 Cylindrical pad shaft, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 2.762-415.0 Cylindrical brush plack 22-inch 2.762-415.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 3.763-973.0 Vellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 3.763-973.0 White pad, includes sleeve, 22-inch 3.763-973.0 Cylindrical brush, white, soft 3.763-973.0 Cylindrical brush, white, soft 3.763-973.0 Cylindrical brush, red, standard with R 55 head 3.763-973.0 Cylindrical brush, prace, standard with R 55 head 3.763-973.0 Cylindrical brush, prace, standard with R 55 head 3.763-973.0 Cylindrical brush, prace, hard 3.762-432.0 Cylindrical brush, prace, hard 3.762-432.0 Cylindrical brush, prace, prace size size size size size size size siz   |              |  |      |      |      |       |
| 6.367-108.0 Cylindrical pad, white, (very soft) for high-gloss floors 6.367-106.0 Cylindrical pad, green (hard & aggressive)  R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 2.7763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 2.736-002.0 R 55 head, 22-inch scrub deck (for 8 60 and 90 machines) 4.035-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 4.762-409.0 Cylindrical white brush, 22-inch, birgh/low bristles for uneven floors 4.762-410.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical brush black 22-inch 4.762-412.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 Creen pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-730.0 Cylindrical brush, red, standard with R 55 head 6.369-730.0 Cylindrical brush, red, standard with R 55 head 6.906-979.0 Cylindrical brush, red, standard with R 55 head 6.906-979.0 Cylindrical brush, prage, hi-lo grout brush 6.906-979.0 Cylindrical brush, prage, hi-lo grout brush 6.906-979.0 Cylindrical brush, prage, hi-lo grout brush 6.906-99.0 Cylindrical brush, prage, hi-lo grout brush 6.906-99.0 Cylindrical brush, prage, pragessive 6.906-980.0 Cylindrical brush, back, very aggressive  |              |  | -    |      |      |       |
| R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 2.763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 2.736-002.0 R 55 head, 22-inch scrub deck (for B 60 and 90 machines) 4.762-400.0 Cylindrical rush, brain black 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 4.762-410.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical prush black 22-inch, hard bristles 4.762-415.0 Cylindrical brush black 22-inch, hard bristles 4.762-415.0 Cylindrical spad shaft, 22-inch, hard bristles 4.762-415.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical brush black 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-733.0 Vellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-735.0 Cylindrical brush, medium grit for all-around cleaning on smooth and textured floors 6.369-730.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, prae, hard 6.906-979.0 Cylindrical brush, prae, hard 6.906-979.0 Cylindrical brush, prae, hard 6.906-980.0 Cylindrical brush, prae, hard 6.906-980.0 Cylindrical brush, prae, cylindrical brush, black, very aggressive 6.906-979.0 Cylindrical brush, black, very aggressiv |              |  |      |      |      |       |
| R 55   22-INCH CYLINDRICAL SCRUB DECK  2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units)  2.763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W)  2.736-002.0 R 55 head, 22-inch scrub deck (for B 60 and 90 machines)  4.035-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors  4.762-409.0 Cylindrical white brush, 22-inch, soft  4.762-410.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors  4.762-411.0 Cylindrical green brush, 22-inch, hard bristles  4.762-412.0 Cylindrical brush black 22-inch  4.762-415.0 Cylindrical prush black 22-inch  4.762-415.0 Cylindrical prush black 22-inch  4.762-415.0 Cylindrical prush black 22-inch, 2 required  8.635-692.0 Cylindrical, stripping 22-inch  4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile  6.369-732.0 Vellow pad, 22-inch  6.369-733.0 Vellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors  6.369-733.0 White pad, includes sleeve, 22-inch  6.369-733.0 Green pad, 22-inch  7.763-002.0 R 55 head, cylindrical, 22-inch  8.763-002.0 R 55 head, cylindrical, 22-inch  8.763-002.0 Cylindrical brush, white, soft  9.769-6977.0 Cylindrical brush, vente, standard with R 55 head  9.769-6979.0 Cylindrical brush, vente, standard with R 55 head  9.769-698.0 Cylindrical brush, peren, hard  9.769-698.0 Cylindrical brush, peren, hard  9.769-698.0 Cylindrical brush, peren, hard  9.769-698.0 Cylindrical brush, red (2 required)  9.769-698.0 Cylindrical brush, red (2 required)  9.769-698.0 Cylindrical brush, red (2 required)   |              |  | -    |      |      |       |
| 2.763-013.0 R 55 head, 22-inch scrub deck for non-traction drive machines (for B 40 C units) 2.763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) R 55 head, 22-inch scrub deck (for B 60 and 90 machines) Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors Cylindrical white brush, 22-inch, high/low bristles for uneven floors Cylindrical orange brush, 22-inch, hard bristles Cylindrical green brush, 22-inch, hard bristles Cylindrical green brush, 22-inch, hard bristles Cylindrical brush black 22-inch Cylindrical stripping 22-inch, |              |  |      |      |      |       |
| 2.763-011.0 R 55 head, 22-inch scrub deck for traction drive machines (for B 40 W) 2.736-002.0 R 55 head, 22-inch scrub deck (for B 60 and 90 machines) 4.035-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 4.762-409.0 Cylindrical white brush, 22-inch, high/low bristles for uneven floors 4.762-410.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical brush black 22-inch 4.762-412.0 Cylindrical pad shaft, 22-inch, 2 required 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 6.863-692.0 Cylindrical stripping 22-inch 6.369-732.0 Yellow pad, 22-inch, medium grit for all-around cleaning of delicate surfaces including LVT and stone tile 6.369-733.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 6.369-733.0 Green pad, 22-inch 6.969-970.0 Cylindrical brush, white, soft 6.969-970.0 Cylindrical brush, white, soft 6.969-970.0 Cylindrical brush, orange, hi-lo grout brush 6.906-970.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, green, hard 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 2.736-002.0 R 55 head, 22-inch scrub deck (for B 60 and 90 machines) 4.035-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 4.762-409.0 Cylindrical white brush, 22-inch, high/low bristles for uneven floors 4.762-410.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical, stripping 22-inch 4.762-415.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch  |              |  |      |      |      |       |
| 4.035-184.0 Cylindrical red brush, 22-inch, medium stiff bristles, all-around cleaning on smooth and textured floors 4.762-409.0 Cylindrical white brush, 22-inch, soft 4.762-410.0 Cylindrical green brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical, stripping 22-inch 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch 6.369-733.0 Vellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 7.763-002.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 6.906-978.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  | _    | _    |      |       |
| 4.762-409.0 Cylindrical white brush, 22-inch, soft 4.762-410.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical green brush, 22-inch, hard bristles 4.762-415.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical, stripping 22-inch 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Creen pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 Creen pad, 22-inch 6.906-973.0 Cylindrical brush, white, soft 6.906-970.0 Cylindrical brush, white, soft 6.906-970.0 Cylindrical brush, red, standard with R 55 head 6.906-970.0 Cylindrical brush, orange, hi-lo grout brush 6.906-970.0 Cylindrical brush, preen, hard 6.906-970.0 Cylindrical brush, black, very aggressive 8.635-690.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  | _    | _    |      |       |
| 4.762-410.0 Cylindrical orange brush, 22-inch, high/low bristles for uneven floors 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical, stripping 22-inch 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 Green pad, 22-inch 6.369-730.0 Cylindrical, 22-inch 6.369-730.0 Cylindrical brush, white, soft 6.369-770.0 Cylindrical brush, white, soft 6.369-780.0 Cylindrical brush, red, standard with R 55 head 6.369-790.0 Cylindrical brush, green, hard 6.369-790.0 Cylindrical brush, green, hard 6.369-690.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  | -    |      |      |       |
| 4.762-411.0 Cylindrical green brush, 22-inch, hard bristles 4.762-412.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical, stripping 22-inch 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-733.0 Green pad, 22-inch 6.369-733.0 Green pad, 22-inch 6.369-730.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 6.906-977.0 Cylindrical brush, white, soft 6.906-978.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, pred, standard 6.906-980.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 4.762-412.0 Cylindrical brush black 22-inch 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required 8.635-692.0 Cylindrical, stripping 22-inch 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-730.0 Creen pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-730.0 R 55 head, cylindrical, 22-inch 6.906-970.0 Cylindrical brush, white, soft 6.906-977.0 Cylindrical brush, white, soft 6.906-978.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, speen, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  |      |      |      |       |
| 4.762-415.0 Cylindrical pad shaft, 22-inch, 2 required  8.635-692.0 Cylindrical, stripping 22-inch  4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile  6.369-732.0 Yellow pad, 22-inch  6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors  6.369-735.0 White pad, includes sleeve, 22-inch  6.369-733.0 Green pad, 22-inch  6.369-730.0 R 55 head, cylindrical, 22-inch  6.906-977.0 Cylindrical brush, white, soft  4.035-193.0 Cylindrical brush, red, standard with R 55 head  6.906-978.0 Cylindrical brush, orange, hi-lo grout brush  6.906-979.0 Cylindrical brush, green, hard  6.906-980.0 Cylindrical brush, black, very aggressive  8.635-692.0 Cylindrical, stripping 22-inch  4.762-432.0 Cylindrical brush, red (2 required)  6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  | -    |      |      |       |
| 8.635-692.0 Cylindrical, stripping 22-inch 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 6.369-730.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 6.906-977.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  | -    |      |      |       |
| 4.114-010.0 Cylindrical microfiber pad, 22-inch, for daily cleaning of delicate surfaces including LVT and stone tile 6.369-732.0 Yellow pad, 22-inch 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 6.369-730.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 6.906-977.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 6.369-692.0 Cylindrical, stripping 22-inch 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 6.369-732.0 Yellow pad, 22-inch 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 2.763-002.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 4.035-193.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  | _    |      |      |       |
| 6.369-734.0 Red pad, 22-inch, medium grit for all-around cleaning on smooth and textured floors 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 2.763-002.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 4.035-193.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 6.369-735.0 White pad, includes sleeve, 22-inch 6.369-733.0 Green pad, 22-inch 2.763-002.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 4.035-193.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  | -    |      |      |       |
| 6.369-733.0 Green pad, 22-inch   |              |  |      |      |      |       |
| 2.763-002.0 R 55 head, cylindrical, 22-inch 6.906-977.0 Cylindrical brush, white, soft 4.035-193.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 6.906-977.0 Cylindrical brush, white, soft 4.035-193.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      | _    |      |       |
| 4.035-193.0 Cylindrical brush, red, standard with R 55 head 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  |      |      |      |       |
| 6.906-978.0 Cylindrical brush, orange, hi-lo grout brush 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  |      | _    |      |       |
| 6.906-979.0 Cylindrical brush, green, hard 6.906-980.0 Cylindrical brush, black, very aggressive 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 6.906-980.0 Cylindrical brush, black, very aggressive   8.635-692.0 Cylindrical, stripping 22-inch   4.762-432.0 Cylindrical brush, red (2 required)   6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  |      |      |      |       |
| 8.635-692.0 Cylindrical, stripping 22-inch 4.762-432.0 Cylindrical brush, red (2 required) 6.369-389.0 White cylindrical pad, extra soft, set of 20  |              |  |      |      |      |       |
| 4.762-432.0 Cylindrical brush, red (2 required)   6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      |      |      |       |
| 6.369-389.0 White cylindrical pad, extra soft, set of 20   |              |  |      | _    |      |       |
|  |              |  |      |      |      |       |
| 6.369-454.0 Yellow cylindrical pad, soft, set of 20  | 6.369-389.0  | White cylindrical pad, extra soft, set of 20   |      |      |      |       |
|  |              |  |      | •    |      |       |
| 6.369-455.0 Green cylindrical pad, hard, set of 20   | 6.369-455.0  | Green cylindrical pad, hard, set of 20   |      |      |      |       |

# **CLEANING HEADS & BRUSHES**

### R 65 | 26-INCH CYLINDRICAL SCRUB DECK

| Order No.   | Description  | B 40 | B 60 | B 80 | B 150 |
|---|--|------|------|------|-------|
| 2.763-004.0   | R 65 brush head, cylindrical, 26-inch  |      | •    | •    |       |
| 6.906-981.0   | Cylindrical white brush, soft  |      |      |      |       |
| 4.035-187.0   | Cylindrical red brush  |      | -    |      |       |
| 6.906-982.0   | Cylindrical orange brush, high-low for grout   |      |      |      |       |
| 6.906-983.0   | Cylindrical green brush, hard  |      | _    | •    |       |
| 6.906-984.0   | Cylindrical black brush, very aggressive   |      |      |      |       |
| 4.762-433.0   | Cylindrical Pad Shaft  |      |      |      |       |
| 6.369-389.0   | White cylindrical pad, extra soft, set of 20   |      |      |      |       |
| 6.369-454.0   | Yellow cylindrical pad, soft, set of 20  |      |      | •    |       |
| 6.369-455.0   | Green cylindrical pad, hard, set of 20   |      |      |      |       |
| 6.369-456.0   | Red cylindrical pad, medium, set of 20   |      | •    | •    |       |
| R 75   30-II  | NCH CYLINDRICAL SCRUB DECK   |      |      |      |       |
| 2.763-006.0   | R 75 brush head, cylindrical, 30-inch  |      |      |      |       |
| 6.906-985.0   | Cylindrical brush, white, soft   |      |      |      |       |
| 6.907-415.0   | Cylindrical brush, red, standard with R 75 head  |      |      |      |       |
| 6.906-986.0   | Cylindrical brush, orange, hi-lo grout brush   |      |      |      |       |
| 6.906-987.0   | Cylindrical brush, green, hard   |      |      |      |       |
| 6.906-988.0   | Cylindrical brush, black, very aggressive  |      |      |      |       |
| 4.762-434.0   | Cylindrical pad shaft  |      |      |      |       |
| 6.369-389.0   | White cylindrical pad, extra soft, set of 20   |      |      |      |       |
| 6.369-454.0   | Yellow cylindrical pad, soft, set of 20  |      |      |      |       |
| 6.369-455.0   | Green cylindrical pad, hard, set of 20   |      |      |      |       |
| 6.369-456.0   | Red cylindrical pad, medium, set of 20   |      |      |      |       |
| D 75   30-II  | NCH ALUMINUM CYLINDRICAL SCRUB DECK  |      |      |      |       |
|   |  |      |      |      |       |
| 2.763-047.0   | R 75 Aluminum brush head, cylindrical, 30-inch   |      |      |      | •     |
| 6.907-729.0   | Cylindrical white brush, soft, 30-inch   |      |      |      | -     |
| 4.035-605.0   | Cylindrical red brush, 30-inch   |      |      |      | -     |
| 6.907-730.0   | Cylindrical grange brush, high-low for grout, 30-inch  |      |      |      | -     |
| 6.907-731.0   | Cylindrical green brush, hard, 30-inch   |      |      |      | -     |
| 6.907-732.0   | Cylindrical black brush, very aggressive, 30-inch  |      |      |      | -     |
|   | NCH ALUMINUM CYLINDRICAL SCRUB DECK  |      |      |      |       |
| 2.763-048.0   | R 85 Aluminum brush head, cylindrical, 34-inch   |      |      |      | _     |
|   | Cylindrical white brush, soft, 34-inch   |      |      |      |       |
|   |  |      |      |      | _     |
| 4.035-606.0   | Cylindrical red brush, 34-inch   |      |      |      |       |
| 4.035-606.0   |  |      |      |      | •     |
| 6.907-772.0<br>4.035-606.0<br>6.907-734.0<br>6.907-735.0  | Cylindrical red brush, 34-inch   |      |      |      | i     |
| 4.035-606.0<br>6.907-734.0  | Cylindrical red brush, 34-inch Cylindrical orange brush, high-low for grout, 34-inch   |      |      |      | -     |
| 4.035-606.0<br>6.907-734.0<br>6.907-735.0<br>6.907-734.0  | Cylindrical red brush, 34-inch Cylindrical orange brush, high-low for grout, 34-inch Cylindrical green brush, hard, 34-inch  |      |      |      |       |
| 4.035-606.0<br>6.907-734.0<br>6.907-735.0<br>6.907-734.0<br><b>S 65   26-IN</b>                               | Cylindrical red brush, 34-inch Cylindrical orange brush, high-low for grout, 34-inch Cylindrical green brush, hard, 34-inch Cylindrical black brush, very aggressive, 34-inch  |      |      |      | •     |
| 4.035-606.0<br>6.907-734.0<br>6.907-735.0<br>6.907-734.0<br><b>S 65   26-IN</b><br>2.763-030.0                | Cylindrical red brush, 34-inch Cylindrical orange brush, high-low for grout, 34-inch Cylindrical green brush, hard, 34-inch Cylindrical black brush, very aggressive, 34-inch  |      |      |      | •     |
| 4.035-606.0<br>6.907-734.0<br>6.907-735.0<br>6.907-734.0<br><b>S 65   26-IN</b><br>2.763-030.0<br>4.036-063.0 | Cylindrical red brush, 34-inch Cylindrical orange brush, high-low for grout, 34-inch Cylindrical green brush, hard, 34-inch Cylindrical black brush, very aggressive, 34-inch  NCH VIBRATION SCRUB DECK S 65 brush head, oscillating scrub deck, 26-inch   |      | :    | :    | •     |
| 4.035-606.0<br>6.907-734.0<br>6.907-735.0<br>6.907-734.0  | Cylindrical red brush, 34-inch Cylindrical orange brush, high-low for grout, 34-inch Cylindrical green brush, hard, 34-inch Cylindrical black brush, very aggressive, 34-inch  CYLINDRATION SCRUB DECK S 65 brush head, oscillating scrub deck, 26-inch S 65 orbital head connection kit, required for connecting S 65 orbital, B 60 and B 80 units (required) |      | -    | :    |       |

# **PS 4/7 BP OBC MISTER & ELECTROSTATIC SPRAYER**



### Prevention is the best medicine.

### PS 4/7 Bp OBC Mister

Achieve a higher level of efficacy with the Kärcher PS 4/7 Bp OBC Mister. This hospital-grade spraying system is specifically designed for use with Vital Oxide® disinfectant. Reduce the risks of Health Care Acquired Infections by killing virus, bacteria and mold faster, safer and more effectively.

### **PS 4/7 Electrostatic Sprayer**

 Our Electrostatic PS 4/7 sprayer adds the static charge to the particles to allow them to "wrap around" objects and provide even better coverage

### **Vital Oxide**

- No rinse sanitizer for food contact surfaces (D2) and kills harmful bacteria, mold and mildew, deodorizes and eliminates allergens
- Registered as a carpet disinfectant and recognized by CRI to be safe on carpets. EPA Est. No. 29909-CA-1 (See batch code for actual establishment number)

### PS 4/7 BP OBC MISTER

### **PS 4/7 ELECTROSTATIC SPRAYER**

|  |     | ,            | , . ====::::::::::::::::::::::::::: |  |  |
|--|-----|--------------|-------------------------------------|--|--|
| TECHNICAL SPECIFICATIONS               |     |              |                                     |  |  |
| Pressure                               | psi | 100          | 100                                 |  |  |
| Solution spray rate                    | gpm | 0.05         | 0.05                                |  |  |
| Chemical tank                          | gal | 1            | 1                                   |  |  |
| Continuous spray on one battery charge | hrs | 8            | 8                                   |  |  |
| Voltage                                | V   | 12           | 12                                  |  |  |
| Wheels                                 | in  | 3            | 3                                   |  |  |
| Compact height for storage/transport   | in  | 20           | 20                                  |  |  |
| Sound level                            | dBA | 45           | 45                                  |  |  |
| Continuous spray time (electrostatic)  | min | N/A          | 110                                 |  |  |
| Lithium battery                        | V   | N/A          | (2) 1.5V, AA size                   |  |  |
| Weight (including battery)             | lbs | 40           | 42                                  |  |  |
| Dimensions (L x W x H)                 | in  | 20 x 15 x 38 | 20 x 15 x 38                        |  |  |

### **EQUIPMENT**

| LQOII MENT  |   |
|-------------|---|
| Order No.   | Description                                       |
| 1.007-084.0 | PS 4/7 Bp OBC, mister                             |
| 1.007-090.0 | PS 4/7 Electrostatic sprayer with lithium battery |

### **ACCESSORIES**

| - |             |   |
|---|-------------|---|
|   | Order No.   | Description   |
|   | 8.639-048.0 | Charger   |
| - | 8.637-980.0 | 12V AGM battery   |
|   | 8.704-694.0 | Checmical pail pump   |
|   | 8.644-738.0 | Electrostatic sprayer kit (to be retrofitted on previously purchased PS 4/7 machines) |

### **DETERGENTS**

| _ |             |   |
|---|-------------|---|
|   | Order No.   | Description                                 |
|   | 8.639-558.0 | Vital Oxide, 4 gallon - case, ready to use  |
|   | 8.639-560.0 | Vital Oxide, 6 quart - case, ready to use   |
|   | 8.644-292.0 | Vital Oxide, 5 gallon - pail, ready to use  |
|   | 8.642-823.0 | Vital Oxide, 15 gallon - pail, ready to use |
|   | 8.698-112.0 | Vital Oxide, 55 gallon - drum, ready to use |

■ Included □ Optional

# **SG 4/4**



### Clean without chemicals.

Time is money—particularly in commercial cleaning. The SG 4/4 steamer has an ingenious two-tank filling system allowing for continuous use. Steam cleaning can impressively remove bacteria without chemical. It is also ideal for cleaning kitchens and grout.

### Continuous use

- Our unique two-tank system allows for continuous use
- Very little time is needed to heat up the unit

### Adjust to your needs

- Control the level of steam
- Switch to pressurized hot water to remove stubborn dirt

### Designed for your health

 Only water is used by the SG 4/4 to save you money and to improve the health of users and guests



### SG 4/4

| TECHNICAL SPECIFICATIONS   |        |                  |
|----------------------------|--------|------------------|
| Voltage                    | V      | 110              |
| Steam temp/pressure        | °F/psi | 248 / 58         |
| Tank capacity              | gal    | 1.06             |
| Cable length               | in     | 24.5             |
| Weight without accessories | lbs    | 17.6             |
| Dimensions (L x W x H)     | in     | 19 x 12.6 x 10.8 |

### **EQUIPMENT**

| Order No.   | Description   |
|-------------|---|
| 1.092-805.0 | SG 4/4 commercial steam cleaner                     |
| 9.841-414.0 | SG 4/4 commercial steam cleaner with transport cart |

### ACCESSORIES

| A | CESSORIES   |  |
|---|-------------|--|
|   | Order No.   | Description  |
| • | 4.322-020.0 | Steam hose   |
| - | 4.127-024.0 | Extension tube   |
| • | 2.884-280.0 | Hand tool  |
| • | 6.906-185.0 | Floor nozzle   |
| • | 2.863-263.0 | Power nozzle set   |
| • | 2.884-281.0 | Point jet nozzle   |
| - | 4.013-030.0 | Funnel   |
| • | 2.863-264.0 | Round brush set  |
|   | 2.863-025.0 | Window nozzle  |
|   | 6.273-140.0 | Wiper blade (window)   |
|   | 2.863-062.0 | Wallpaper stripper   |
|   | 2.863-171.0 | Steam+Clean microfiber cloth set for bathrooms (Includes 4 different cloths)     |
|   | 2.863-172.0 | Steam+Clean microfiber cloth set for kitchens (Includes 4 different cloths)      |
|   | 2.863-173.0 | Steam+Clean microfiber velour floor cloth set (Includes 2 cloths)                |
|   | 2.863-174.0 | Steam+Clean microfiber velour cloth covers for the hand tool (Includes 2 cloths) |
|   | 6.962-097.0 | Filling funnel   |
|   | 2.885-465.0 | Floor tool replacement   |
|   | 6.962-239.0 | Two wheel transport cart   |
|   |             |  |

 $\blacksquare$  Included  $\square$  Optional

# **SGV 6/5**



SGV 6/5 commercial steam cleaner and wet vacuum

### Hygiene, non-stop.

The easy-to-use SGV 6/5 steam vacuum cleaner offers hygienic cleanliness. A single machine that is a steam cleaner and wet vacuum cleaner in one. With EASY Operation switch, secure accessory integration and hand tool for controlling the steam/vacuum function.

### Straight forward operation

- One easy-to-use switch controls all operation
- Self-explanatory symbols means less training required

### **Continuous operation**

Our unique design allows you to refill the water while in use

### Change on the go

The included hand tool features an adjustment knob that allows you to adjust the water/steam regulation and turn the vacuum on and off



### SGV 6/5

| TECHNICAL SPECIFICATIONS   |        |              |
|----------------------------|--------|--------------|
| Voltage                    | V      | 110 - 120    |
| Steam temp/pressure        | °F/psi | 327 / 87     |
| Tank capacity              | gal    | 1.3          |
| Cable length               | ft     | 24.5         |
| Weight without accessories | lbs    | 86           |
| Dimensions (L x W x H)     | in     | 25 x 19 x 38 |

| Weight without ac | ccessories  | lbs | 86           |  |
|-------------------|-------------|-----|--------------|--|
| Dimensions (L x W | V x H)      | in  | 25 x 19 x 38 |  |
|                   |             |     |              |  |
| EQUIPMENT         |             |     |              |  |
| Order No.         | Description |     |              |  |

### **ACCESSORIES**

1.092-003.0

| Order No.         Description           ■ 2.863-011.0         Round brush set, 3 brushes           ■ 2.889-005.0         Floor nozzle, 12 inches           ■ 2.889-006.0         Brush strips for floor nozzle 2.889-005.0           ■ 2.889-007.0         Rubber strip, 12 inches for floor nozzle 2.889-005.0           ■ 2.889-008.0         Hand nozzle           ■ 2.889-009.0         Brush strip, 6 inches for hand nozzle 2.889-008.0 |
|---|
| <ul> <li>■ 2.889-005.0 Floor nozzle, 12 inches</li> <li>■ 2.889-006.0 Brush strips for floor nozzle 2.889-005.0</li> <li>■ 2.889-007.0 Rubber strip, 12 inches for floor nozzle 2.889-005.0</li> <li>■ 2.889-008.0 Hand nozzle</li> </ul>   |
| <ul> <li>■ 2.889-006.0 Brush strips for floor nozzle 2.889-005.0</li> <li>■ 2.889-007.0 Rubber strip, 12 inches for floor nozzle 2.889-005.0</li> <li>■ 2.889-008.0 Hand nozzle</li> </ul>  |
| ■ 2.889-007.0 Rubber strip, 12 inches for floor nozzle 2.889-005.0 ■ 2.889-008.0 Hand nozzle  |
| ■ 2.889-008.0 Hand nozzle   |
|   |
| 2 889-009 0 Brush strip 6 inches for hand nozzle 2 889-008 0  |
| 2.005 005.0 Brosh strip, o menes for hand nozzie 2.005 000.0  |
| ■ 2.889-010.0 Rubber strip, 6 inches for hand nozzle 2.889-008.0  |
| ■ 2.889-011.0 Adapter   |
| ■ 2.889-028.0 Crevice nozzle  |
| ■ 2.889-052.0 Adapter for attaching round brushes   |
| ■ 4.440-009.0 Steam suction hose  |
| ■ 2.889-004.0 Extension tube set (2 pieces)   |
| □ 2.889-058.0 Extension tube (1 piece)  |
| □ 2.889-053.0 Triangular floor nozzle   |
| □ 2.863-007.0 Round brush stainless steel (very hard bristles) set, 3 nozzles   |
| □ 2.863-008.0 Round brass brush (hard bristles) Set, 3 nozzles  |
| □ 2.863-009.0 Pekalon round brush (medium-hard bristles) set  |

■ Included □ Optional

# **SG BP GUM REMOVER**



### Turn up the heat on gum removal.

The Kärcher SG 1 C Bp is a portable gum remover. Powered by a single lithium ion battery, this gum remover is quiet and offers up to 4 hours of uninterrupted operation. Gum is removed in 4-6 seconds, and it is safe to use on stone, concrete and even carpet. Great for maintaining shopping malls, schools, train stations, airports, hotels, hospitals, restaurants and supermarkets.

### Easy to Use

■ SG1 C Bp's low pressure fuel canisters are designed to ensure delivery of proper fuel volume and safe operation

### **Ultimate portability**

No cords ensures safety and convenience

### **Environmentally friendly**

■ No harsh residue – safe on all surfaces



### SG 1 C BP

| TECHNICAL SPECIFICATIONS |     |                 |  |  |
|--------------------------|-----|-----------------|--|--|
| Run time                 | hrs | 4               |  |  |
| Weight                   | lbs | 11              |  |  |
| Dimensions (L x W x H)   | in  | 4.5 x 13 x 20.5 |  |  |

### **EQUIPMENT**

### ACCESSORIES

| ~ | CCESSONIES  |  |
|---|-------------|--|
|   | Order No.   | Description  |
|   | 8.639-871.0 | Service pack: 2 LPG cartridges, 4 bottles of solution and 2 black stainless steel brushes, 1 green brush. Expect 8-9 hours run time. |
|   | 8.642-880.0 | Stainless steel brushes: 2 pack replacement stainless steel brushes (black)  |
|   | 8.640-136.0 | Polypropylene brushes: 2 pack polypropylene brushes (green), for carpet and material   |
|   | 8.638-579.0 | 12-Pack of gas bottles   |
|   | 8.638-580.0 | 24 liters of gum remover solution  |
|   | 8.639-828.0 | Charger  |
|   | 8.641-465.0 | Battery  |
|   | 8.639-846.0 | Lance & hose   |

■ Included □ Optional

# **AB 84 CUL**



### Reduce carpet drying times by up to 50%.

Powerful enough for any job yet economical enough to not break the bank; rely on the AB 84 CUL as your air blower of choice. If you have wet floors or carpet, dry your facility up to 50 percent faster so you can resume to business-as-usual sooner. This economical unit features three speeds as well as three different vertical standing positions so you can direct air anywhere you need to. The powerful 3,000 cfm air movement promotes rapid drying in no time.

- Three speeds of air movement for every type of job
- Sturdy four point motor mount to withstand heavy use and rough handling
- Built-in carpet clip for flood restoration jobs
- Three different three standing positions to allow air to be directed in any angle
- Upright handle and transport wheels for added safety and convenience

### AB 84 CUL

| TECHNICAL SPECIFICATIONS      |     |                    |
|-------------------------------|-----|--------------------|
| Air flow rate - level 1, 2, 3 | cfm | 3000 / 2500 / 2000 |
| Fan speed - level 1, 2, 3     | rpm | 1600 / 1350 / 1050 |
| Power cord length             | ft  | 25                 |
| Motor rating                  | HP  | 0.5                |
| Voltage                       | V   | 115                |
| Weight                        | lbs | 39                 |
| Dimensions (L x W x H)        | in  | 22.8 x 16 x 21.5   |
|                               |     |                    |

| EQUIPMENT   |   |
|-------------|---|
| Order No.   | Description   |
| 1.004-039.0 | AB 84 CUL three-speed commercial air blower with collapsible handle |

# BDS 51/175 C



# Strong, solid and robust operation.

The BDS 51/175 C floor machine is a high quality, durable unit that offer powers and versatility for scrubbing and stripping. It features an adjustable handle to accommodate various user heights and five inch non-marking wheels to allow easy transportation. This machine is available in single-speed or dual-speed.

### Floor Machine Built for Durability and Reliability

- Robust motor for everyday reliability
- Separate start and run capacitors for durability
- Cord strain relief to keep cord from breaking or tearing
- Strong and solid handle housing for trouble free operation



### BDS 51/175 C

| TECHNICAL SPECIFICATIONS           |          |                |
|------------------------------------|----------|----------------|
| Pad size                           | in       | 20             |
| Pad speed                          | rpm      | 175            |
| Theoretical/practical productivity | sq.ft/hr | 2,222          |
| Operating noise level              | dBA      | 63             |
| Voltage                            | V        | 115            |
| Motor                              | hp       | 1.5            |
| Wheel diameter                     | in       | 5 x 1.25       |
| Power cord length                  | ft       | 50             |
| Weight                             | lbs      | 118            |
| Dimensions (L x W x H)             | in       | 24.5 x 21 x 47 |

### EOUIPMENT

### **ACCESSORIES**

| Order No.     | Description   |
|---------------|---|
| ■ 8.628-430.0 | Pad driver, 20-inch with clutch plate                                     |
| □ 8.645-238.0 | Solution tank 4 gallon (Compatible with 1.009-102.0 & 1.009-103.0 models) |
| □ 8.600-507.0 | Center lock   |
| □ 8.628-369.0 | 20-inch aggressive grit brush with clutch plate                           |
| □ 8.628-378.0 | 20-inch mild grit brush with clutch plate                                 |
| □ 8.628-379.0 | 20-inch nylon polish brush with clutch plate                              |
| □ 8.628-377.0 | 20-inch nylon scrub brush with clutch plate                               |
| □ 8.628-370.0 | 20-inch polypropylene brush with clutch plate                             |
| □ 8.625-259.0 | 20-inch sanding disc  |

 $\blacksquare$  Included  $\square$  Optional

# KÄRCHER DETERGENTS

Kärcher's detergents are highly concentrated and made with non-butyl blend of ingredients formulated to provide non-caustic, low-foaming detergent for a broad range of uses on many surfaces. They are engineered specifically to be metered through hot- or cold-water pressure washers with a high dilution ratio, making the cost-in-use very economical. Plus, our detergents are biodegradable.







### Faster Results

Tested in the lab and in the field, to achieve results that are 3x faster than the original formula. With fast acting and efficient formulas, you'll use less product - saving you both time and money.

### 2 More Effective

Utilizing cutting-edge technology and enhanced raw materials, Kärcher detergents deliver superior cleaning results in even the toughest environments. Designed for a higher tolerance for hard water–less detergent is needed to break down the dissolved calcium and magnesium salts, leading to a marked reduction in insoluble mineral deposits commonly associated with hard water.

### 3 Environmentally Friendly

With an eye on preserving our natural resources, we are proud to offer a complete lineup of environmentally friendly detergents, many of which are phosphate-free. Rigorous testing has proven these new formulas to be effective while providing a sustainable solution for preventing the negative impacts often associated with runoff and providing you with peace of mind.

|                                      |         | Order no.            | Size              | рН      | Color          | Scent       | Dilution     | Foam            | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified | Description   |
|--------------------------------------|---------|----------------------|-------------------|---------|----------------|-------------|--------------|-----------------|-----------------|-------------------|----------------------------------|---|
| General Purpose                      | Cleane  | rs: Formulated for   | general purpose   | cleanii | ng. Designed   | for daily d | leaning of f | acility su      | rfaces, tool    | s and floors.     |                                  |   |
| General Purpose<br>Cleaner           | 1       | 9.803-789.0          | 5 gal             | 10.2    | purple         | slight      | 1:128        | low             | 5               |                   |                                  | General Purpose Cleaner is a<br>blend of ingredients formulated<br>to provide a low-foaming   |
|                                      | 2       | 9.803-791.0          | 55 gal            | 10.2    | purple         | slight      | 1:128        | low             | 5               |                   |                                  | detergent for safe removal of dirt and grime off a broad range of surfaces. It is formulated to pass through a pressure washer without damaging the high-pressure pump. This formula is ideal for power washing around a home or shop, including exterior walls, decks, driveways and roofs. It is also effective in cleaning machinery, equipment, cars, RVs, and trucks. It is safe for cleaning indoors or outdoors.     |
| Automotive: Prod                     | lucts d | esigned specifically | for soil conditio | ns fou  | nd on cars, v  | ans and sp  | ecifically v | ehicles w       | ith fine pai    | nt finishes. E    | ffective an                      | d safe, phosphate free.   |
| Auto Wash                            | 3       | 8.698-143.0          | 5 gal             | 10.2    | purple         | slight      | 1:128        | low             | 5               | •                 | •                                | Auto Wash is a blend of ingredients formulated to provide a low-foaming   |
|                                      | 4       | 8.698-144.0          | 55 gal            | 10.2    | purple         | slight      | 1:128        | low             | 5               | •                 |                                  | detergent for safe removal of dirt and grime found on most vehicles. It is formulated to reduce water spots caused by hard water leaving a higher shine than most products. Auto Wash can pass through a pressure washer without damaging the high-pressure pump and is safe to use on aluminum, stainless steel, glass, plastic, paint and fine automotive finishes.   |
| Vehicle: Detergen                    | t and   | care for both Auton  | notive and Fleet  | Jse. Sa | fe for both, n | on phosp    | hate and su  | perior res      | sults.          |                   |                                  |   |
| Vehicle<br>Wash and<br>Wax Detergent | 5       | 9.803-726.0          | 5 gal             | 12.9    | blue-green     | floral      | 1:150        | high            | 5               |                   | •                                | Vehicle Wash and Wax<br>Detergent saves you time<br>and money when you clean  |
|                                      | 6       | 9.803-758.0          | 55 gal            | 12.9    | blue-green     | floral      | 1:150        | high            | 5               | •                 | •                                | and protect in one step. Good for autos and trucks and safe on any finish. Superior performance in hard water leaving a shine with a spot free rinse.   |
| Vehicle Wax                          | 7       | 8.698-147.0          | 5 gal             | 5.3     | straw          | musk        | 1:2000       | non-<br>foaming | 1               | •                 |                                  | Vehicle Wax. Added at the final rinse, Vehicle Wax is a long-lasting liquid wax that creates a durable finish that improves a vehicle's appearance and helps keeps dirt from adhering to the surface. It gives added protection against salt, air pollution and acid rain and can be used safely on virtually every surface, including aluminum, stainless steel, glass, plastic, paint and fine automotive paint finishes. |

|                                 |    | Order no.                         | Size         | рН     | Color          | Scent        | Dilution  |         | Hardness<br>1-5 | Free       | /Certified   | Description  |
|---------------------------------|----|-----------------------------------|--------------|--------|----------------|--------------|-----------|---------|-----------------|------------|--------------|--|
| Vehicle Pre-Soak                | 9  | 8.698-221.0<br>8.698-222.0        | 5 gal        | 12.8   | blue           | citrus       | 1:60      | high    | 4               | -          | -            | Vehicle Pre-Soak is used to remove stubborn soils like bugs, tar, oil and grease deposits on vehicles. It's applied before washing in order to penetrate and breakup soils and washed away when the rest of the vehicle washing is done. The more time you allow to soak, the less scrubbing is required. Vehicle Pre-Soak is safe to use on fine auto finishes and strong enough to work on transportation fleet vehicles.  |
| Vehicle Tire and<br>Rim Cleaner | 10 | 8.698-225.0                       | 12 x<br>1 qt | 12.9   | clear          | detergent    |           | high    | 3               |            |              | Vehicle Tire and Rim Cleaner is a fast and easy way to deep clean the black rubber, road film and brake dust soils from your tires and rims. Simply spray, wait and rinse. This product should be used to clean tire and wheels before adding tire dressing. Make tire dressings look better and last longer. Safe to use on all tires. Safe for steel and aluminum wheels, including coated wheels.   |
| Fleet: These prod<br>Not design |    | ire designed sp<br>be used on aut | r use or     | ı semi | trucks, traile | ers, constru | ction and | farm eq | uipment, m      | ost commei | rcial transp | iration vehicles.  |
| Fleet Wash<br>Detergent         | 11 | 9.803-724.0                       | 5 gal        | 12.9   | green          | fresh        | 1:150     | high    | 5               | •          | •            | Fleet Wash Detergent is a mild detergent designed for exterior cleaning of trucks, busses, equipment and implements. This special emulsifying formula contains high-powered cleaning agents that are effective on grease, road film and smoke trails. It is excellent as a prespray for cleaning engines, whitewall tires and vinyl and metal tops. Fleet Wash Detergent is phosphate-free and outperforms most competitive phosphate products. It is safe to use through a pressure washer. Fleet Wash Detergent can be used on polished aluminum, stainless steel, glass, plastic, and painted surfaces. |
|                                 | 12 | 9.803-754.0                       | 55 gal       | 12.9   | green          | fresh        | 1:150     | high    | 5               |            |              |  |
| Heavy<br>Equipment<br>Detergent | 13 | 8.698-150.0                       | 5 gal        | 12.9   | green          | fresh        | 1:150     | high    | 5               | •          | •            | Heavy Equipment Detergent is an effective, safe detergent that can be used on any surface.   |
|                                 | 14 | 8.698-151.0                       | 55 gal       | 12.9   | green          | fresh        | 1:150     | high    | 5               |            |              | that can be used on any surface. It is excellent as a pre-spray for softening and breaking up dried on or baked on soils like mud, bugs, greasy film, diesel fuel, lubricants. Excellent foaming capability. It is safe to use through a pressure washer and can be used on polished aluminum, stainless steel, glass, plastic, paint. Heavy Equipment Detergent is phosphate-free and outperforms most competitive phosphate products.  |

|                                    | 1  |             |     |       |      |                             |        |             |        |                 |                   |                                  |  |
|------------------------------------|----|-------------|-----|-------|------|-----------------------------|--------|-------------|--------|-----------------|-------------------|----------------------------------|--|
|                                    |    | Order no.   | Siz | ze    | pН   | Color                       | Scent  | Dilution    | Foam   | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified | Description  |
| Fleet Wash<br>Solvent<br>Detergent | 15 | 9.803-740.0 | 5 ( | gal   | 9.5  | light yellow                | citrus | 1:50        | medium | 1               | •                 | •                                | Fleet Wash Solvent Detergent<br>adds the cleaning properties<br>of solvents to boost cleaning  |
|                                    | 16 | 9.803-741.0 | 55  | 5 gal | 9.5  | light yellow                | citrus | 1:50        | medium | 1               |                   |                                  | capability in order to remove heavy, petroleum-based soils. Citrus-based solvent helps break down these tough soils for fast, efficient removal, saving time and energy. It has the ability to penetrate and break down baked-on hydrocarbon-based soils, like exhaust trails and carbonized grease, yet is safe on most surfaces.   |
| Fleet Aluminum<br>Brightener       | 17 | 9.803-746.0 | 5 ( | gal   | <1   | colorless to<br>light straw | sharp  | 1:5<br>1:20 | low    | 2               | •                 |                                  | Fleet Aluminum Brightener is an extra-strength, acid-based, aluminum cleaner and brightener designed for non-polished aluminum tanks and trailers, aluminum wheels and for preparing aluminum for painting. Do NOT use on glass, polished aluminum or anodized aluminum. Fleet Aluminum Brightener is effective in removing grease, oils, baked-on carbon and diesel smoke. This formula is non foaming.   |
|                                    | 18 | 9.803-747.0 | 55  | 5 gal | <1   | colorless to<br>light straw | sharp  | 1:5<br>1:20 | low    | 2               |                   |                                  |  |
| Fleet Trailer<br>Cleaner           | 19 | 9.803-748.0 | 5 ( | gal   | 1.1  | straw                       | citrus | RTU         | medium | 4               |                   |                                  | Fleet Trailer Cleaner is a concentrated, non-etching, acid-based detergent formulated to quickly penetrate and remove grease, grime, dirt, road film and welding smut from polished aluminum and stainless steel surfaces. It shines aluminum and stainless by removing the oxidation that makes those surfaces dull looking.  |
|                                    | 20 | 9.803-749.0 | 55  | 5 gal | 1.1  | straw                       | citrus | RTU         | medium | 4               |                   |                                  |  |
| Fleet Degreaser                    | 21 | 9.803-734.0 | 5 ( | gal   | 13.5 | red / orange                | none   | 1:128       | medium | 5               | •                 | •                                | Fleet Degreaser is a highly concentrated degreaser designed for petroleum based soils like heavy deposits of oil, grease and dirt as well as axle or fifth-wheel grease, hydraulic oils and diesel smoke stains. Fleet Degreaser is formulated to pass through a pressure washer without damaging the highpressure pump and is, therefore, safe to use through a pressure washer. It is also safe to use on aluminum, stainless steel, glass, plastic, painted surfaces. Fleet Degreaser is phosphate-free and outperforms competitive phosphate formula products. |
|                                    | 22 | 9.803-739.0 | 55  | 5 gal | 13.5 | red / orange                | none   | 1:128       | medium | 5               |                   |                                  |  |

|   |    | Order no.   | Size   | рН   | Color    | Scent               | Dilution | Foam   | Hardness<br>1-5 | Phosphate<br>Free | /Certified | Description  |
|---|----|-------------|--------|------|----------|---------------------|----------|--------|-----------------|-------------------|------------|--|
| Fleet Interior<br>Tank Cleaner          | 23 | 9.803-736.0 | 5 gal  | 13.7 | straw    | slight              | 1:30     | medium | 4               | •                 | •          | Fleet Interior Tank Cleaner<br>is a highly concentrated and<br>effective cleaner for the   |
| Norfood Corpounds                       | 24 | 9.803-779.0 | 55 gal | 13.7 | straw    | slight              | 1:30     | medium | 4               |                   |            | Interior tank cleaning may or may not be accessible for manual brushing/scraping. This powerful formula can cut through many layers of soil with high pressure washing and soaking, eliminating the need to enter the tank. It is extremely effective in removing the most difficult-to-clean oil, grease and hydrocarbon-based deposits. It cuts grease, grime, oil, burnt carbon. Do not use on aluminum, magnesium, galvanized metal or fine painted surfaces. It is safe to use through a pressure washer and does not damage the high-pressure pump. This formula is phosphate-free and outperforms most competitive phosphate products. NSF Approved, Nonfood Compounds A2 |
| Fleet Machine<br>and Heavy<br>Equipment | 25 | 8.916-134.0 | 5 gal  | 13.3 | brown    | none                | 1:50     | high   | 5               | •                 | •          | Fleet Machine and Heavy<br>Equipment Degreaser is an<br>extra-strong cleaner that is ideal   |
| Degreaser                               | 26 | 8.916-140.0 | 55 gal | 13.3 | brown    | none                | 1:50     | high   | 5               |                   |            | extra-strong cleaner that is ideal for cleaning heavy equipment, over-the road vehicles and off road machinery. It is especially effective cleaning exhaust stains, road grime and heavy deposits of dirt and oil. Fleet Machine and Heavy Equipment Degreaser is phosphate-free and outperforms competitive phosphate products. This powerful formula is not recommended for use on fine auto finishes, aluminum, magnesium and galvanized metal.   |
| Concrete<br>Remover                     | 27 | 8.698-139.0 | 5 gal  | 2.2  | yellow   | sharp               | 1:1      | low    | 3               | •                 |            | Concrete Remover effectively removes concrete splatters and deposits form construction   |
|   | 28 | 8.698-140.0 | 55 gal | 2.2  | yellow   | sharp               | 1:1      | low    | 3               | •                 |            | and deposits form construction vehicles, equipment, tools and commercial surfaces. Not intended for use on fine automotive finishes. Always pre-test undiluted product in an inconspicuous area, to determine safety and suitability for the intended use.   |
| Salt and Ice<br>Melt Remover            | 29 | 8.698-141.0 | 5 gal  | 13.4 | dark red | slight<br>detergent | 1:100    | high   | 5               | •                 | •          | Salt and Ice Melt Remover<br>is a combination detergent<br>that removes heavy soil as  |
|   | 30 | 8.698-142.0 | 55 gal | 13.4 | dark red | slight<br>detergent | 1:100    | high   | 5               |                   |            | well as all types of damaging road salt residue. Salt and Ice Melt Remover's unique chelating action breaks down the crystalline structure of ice melt salt and prevents it from crystallizing back on the surface so it can be easily rinsed away with the rest of the dirt. Effective on fine automotive finishes as well as construction equipment, trucks and fleet vehicles.  |

|                                  |         |                 |                |           |        |                |                     |           |            | Hardness    | Phosphate    |              | Description   |
|----------------------------------|---------|-----------------|----------------|-----------|--------|----------------|---------------------|-----------|------------|-------------|--------------|--------------|---|
|                                  |         | Order no.       |                | Size      | рH     | Color          | Scent               | Dilution  |            | 1-5         | Free         | /Certified   | ·   |
| Quick Break Dete                 | rgents: |                 | ulated for eff | fective o | _      | g which sepa   | rate quickly        |           | shing in o | rder to be  | accepted int | o on-site tr | eatment systems.  |
| Quick Release<br>Detergent       | 31      | 9.803-720.0     |                | 5 gal     | 12.8   | none           | slight<br>detergent | 1:100     | low        | 4           | •            | •            | Quick Release Detergent is<br>concentrated heavy duty vehicle<br>wash formulated to quickly and   |
|                                  | 32      | 9.803-750.0     |                | 55 gal    | 12.8   | none           | slight<br>detergent | 1:100     | low        | 4           |              |              | effectively remove dirt, grime, grease and road film from vehicles. It is ideal for vehicle wash facilities where it can be used on tractor-trailers, heavy equipment, RVs, trucks, and autos. Quick Release Detergent is formulated to pass through a pressure washer without damaging the high-pressure pump and has an oil-water quick-release surfactant making it ideally suited for use with water treatment systems.   |
| Degreasers: Degre                | easers  | are designed to | be used on i   | medium    | to hea | avy soils that | require mo          | re aggres | sive form  | ulation for | built up gre | ases and oil | ls.   |
| Chlorinated<br>Degreaser         | 33      | 9.803-712.0     |                | 5 gal     | 12.3   | none           | slight<br>chlorine  | 1:60      | high       | 4           | •            | •            | Chlorinated Degreaser removes<br>fats, oils and greases typically<br>found in food service and food   |
| NSF<br>Nenfood Compounds<br>A2   | 34      | 9.803-716.0     |                | 55 gal    | 12.3   | none           | slight<br>chlorine  | 1:60      | high       | 4           | •            | •            | processing establishments. It's chlorinated formula breaks down stubborn protein soils that contribute to bio-film formation. This formula is safe on stainless steel, aluminum and painted surfaces. NSF Approved, Nonfood Compounds A1  |
| Heavy Duty<br>Brown<br>Degreaser | 35      | 8.698-148.0     |                | 5 gal     | 13.3   | dark brown     | none                | 1:50      | high       | 5           | •            | •            | Heavy Duty Brown Detergent<br>is for cleaning machinery and<br>equipment to remove heavy  |
|                                  | 36      | 8.698-149.0     |                | 55 gal    | 13.3   | dark brown     | none                | 1:50      | high       | 5           | •            | •            | equipment to remove neavy daily debris of oil, light grease, sand, mud and road film. This detergent is safe to use on most heavy equipment however, due to its strength to handle heavy soils, it should not be used on aluminum, magnesium or fine paint finishes.  |
| Hood and<br>Duct Degreaser       | 37      | 8.698-199.0     |                | 5 gal     | 13.7   | straw          | slight              | 1:30      | medium     | 4           | •            | •            | Hood and Duct cleaner is specifically designed to remove the dangerous build-up of grease in exhaust hoods of food cooking establishments. Through a hot water pressure washer, fast effective removal restores hood and ducts to a clean, safe result. Even carbonized grease. This cleaner can be used to pressure wash food service grills, fryers, broilers and ovens. Routine cleaning is required in most cities and states and by the insurance industry. NSF Approved, Nonfood Compounds A2 |
| Norfood Compounds                | 38      | 8.698-200.0     |                | 55 gal    | 13.7   | straw          | slight              | 1:30      | medium     | 4           |              |              |   |

|  |        | Order no.      |              | Size    | рН      | Color         | Scent                | Dilution    | Foam      | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified | Description   |
|--|--------|----------------|--------------|---------|---------|---------------|----------------------|-------------|-----------|-----------------|-------------------|----------------------------------|---|
| Industrial: These a                        | re our | most aggressiv | e products d | esignec | l to be | used in indus | trial settin         | gs like pro | duction f | actories, m     | ning, heavy       | construction                     | on and machine shops.   |
| Heavy Duty<br>Degreaser                    | 39     | 8.698-154.0    |              | 5 gal   | 13.3    | red / orange  | none                 | 1:128       | medium    | 5               |                   |                                  | Heavy Duty Degreaser is an industrial strength degreaser for cleaning heavy oils and greases, carbon, lubricants  |
|  | 40     | 8.698-155.0    |              | 55 gal  | 13.3    | red / orange  | none                 | 1:128       | medium    | 5               | •                 | •                                | and hydraulic fluids found in industrial and manufacturing environments. Heavy Duty Degreaser is formulated to pass through a pressure washer without damaging the high-pressure pump or heating coil. It is also safe to use on aluminum, stainless steel, glass, plastic and concrete. Heavy Duty Degrease is phosphate-free and outperforms competitive phosphate formula products.  |
| Industrial Grease<br>and Carbon<br>Remover | 41     | 9.803-732.0    |              | 5 gal   | 13.7    | blue          | none                 | 1:100       | high      | 5               | •                 | •                                | Industrial Grease and<br>Carbon Remover is heavy-<br>duty degreaser that quickly  |
| Kemover                                    | 42     | 9.803-772.0    |              | 55 gal  | 13.7    | blue          | none                 | 1:100       | high      | 5               |                   |                                  | penetrates and cleans grime,  |
|  |        |                |              |         |         |               |                      |             |           |                 |                   |                                  | spent oil and grease in a variety of applications, including vehicles, equipment, RVs, drilling rigs, trucks and other structures. This highly-concentrated blend is formulated to wet, penetrate and suspend soil, oils and grease and yet is safe to use indoors or outdoors on virtually every surface, including aluminum, stainless steel, glass, plastic, and painted surfaces.   |
| Industrial<br>Oil and<br>Grease Remover    | 43     | 8.698-156.0    |              | 5 gal   | 12.3    | yellow        | citrus               | 1:150       | high      | 5               | •                 | •                                | Industrial Oil and Grease<br>remover is designed to work<br>on petroleum based oils and   |
|  | 44     | 8.698-157.0    |              | 55 gal  | 12.3    | yellow        | citrus               | 1:150       | high      | 5               | •                 |                                  | greases typically found in factories like cutting oils, lubricants and metal coatings. This product is designed to quickly break up the oils and suspend them in order to rinse easy and prevent them from re-depositing. The result is an oil/grease free surface. Industrial Oil and Grease Remover is engineered to pass through a pressure washer without damaging the high-pressure pump. It is safe to use on aluminum, stainless steel, concrete, glass, plastic and painted surfaces. |
| Metal Paint<br>and Prep<br>Phosphatizer    | 45     | 8.698-197.0    |              | 5 gal   | 3.1     | none          | detergent<br>solvent | 1:32        | low       | 5               |                   |                                  | Metal Paint and Prep<br>Phosphatizer is a complete and<br>economical phosphatizing agent  |
|  | 46     | 8.698-198.0    |              | 55 gal  | 3.1     | none          | detergent<br>solvent | 1:32        | low       | 5               |                   |                                  | for the phosphatizing of iron<br>and steel parts prior to painting.<br>Effective in spray, dip and wipe-<br>on applications. Metal Paint and<br>Prep Phosphatizer works well<br>in hard or soft water and rinses<br>completely.   |

|   |        | Order no.        | Siz              | ze j   | рН      | Color               | Scent      | Dilution    | Foam        | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified | Description  |
|---|--------|------------------|------------------|--------|---------|---------------------|------------|-------------|-------------|-----------------|-------------------|----------------------------------|--|
| <b>Building and Mair</b>                  | itenan | ce: Products spe | cifically develo | ped fo | or use  | in building a       | nd tool ma | intenance.  | . Safe to ι | use on mate     | rials like bri    | ck, siding, s                    | stucco, concrete, tile.  |
| Building<br>Interior/<br>Exterior Cleaner | 47     | 8.698-135.0      | 5 ફ              | gal :  | 10.2    | purple              | slight     | 1:130       | low         | 5               | •                 | •                                | Building Interior/Exterior<br>Cleaner is safe to use on<br>aluminum, stainless steel,  |
|   | 48     | 8.698-136.0      | 55               | i gal  | 10.2    | purple              | slight     | 1:130       | low         | 5               | •                 | •                                | glass, plastic, paint, stone and masonry surfaces. Building Interior/Exterior Cleaner is ideal for power washing around a home or shop, including exterior walls, decks, driveways, and roof. This formula is phosphate-free and outperforms most competitive phosphate products   |
| Concrete Cleaner                          | 49     | 9.803-744.0      | 5 §              | gal :  | 12.3    | yellow              | citrus     | 1:150       | high        | 5               | •                 |                                  | Concrete Cleaner is formulated<br>to clean stone and concrete<br>surfaces. It is effective in  |
|   | 50     | 9.803-784.0      | 55               | gal :  | 12.3    | yellow              | citrus     | 1:150       | high        | 5               |                   |                                  | surfaces. It is effective in removing oil, grease, baked-on carbon, tar and asphalt from unfinished concrete floors, walls and grout. Concrete Cleaner is engineered to pass through a pressure washer without damaging the high-pressure pump. It is safe to use on aluminum, stainless steel, glass, plastic and painted surfaces. This formula is phosphate-free and outperforms most competitive phosphate products. |
| Floor Cleaners: Fo                        | rmula  | ted for general  | purpose and hea  | avy-dı | uty flo | oor cleaning.       | For use wi | th floor ca | re equipr   | ment (such a    | s scrubbers       | ) only.                          |  |
| Neutral Floor<br>Cleaner                  | 51     | 8.698-102.0      | 1 8              |        | 7.9     | light yellow        | solvent    | 1:128       | low         | 4               |                   | •                                | Neutral Floor cleaner is<br>formulated for everyday floor<br>cleaning of resilient tile, hard  |
|   | 52     | 8.698-103.0      | 5 §              | gal :  | 7.9     | light yellow        | solvent    | 1:128       | low         | 4               | •                 |                                  | finished floors, polished stone<br>and polished concrete floors.<br>No-rinse formula is designed to  |
|   | 53     | 8.698-104.0      | 55               | gal    | 7.9     | light yellow        | solvent    | 1:128       | low         | 4               | •                 | •                                | remove soil and leave a streak-<br>free finish. Developed for<br>scrubber machines, this formula<br>is non-foaming, phosphate-free<br>and contains ingredients that<br>protect the machine from scale<br>and contaminants.   |
| Shop<br>Floor Cleaner                     | 54     | 8.698-105.0      | 5 ફ              | gal :  | 13.3    | light<br>red, clear | solvent    | 1:128       | low         | 5               |                   | •                                | Shop Floor Cleaner is formulated<br>for heavy-duty cleaning of<br>soils typically found in machine   |
|   | 55     | 8.698-106.0      | 55               | gal :  | 13.3    | light<br>red, clear | solvent    | 1:128       | low         | 5               |                   | •                                | shop environments. Lifts and removes petroleum-based grease and oily soils from all types of finished and unfinished concrete, including painted and epoxy-coated floors. No-rinse formula is designed to remove soil and leave a streak-free finish. Developed for scrubber machines, this formula is non-foaming, phosphate-free and contains ingredients that protect the machine from scale and contaminants.        |

|   |         | Order no.             | Size                 | pН            | Color          | Scent       | Dilution   | Foam        | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified | Description  |
|---|---------|-----------------------|----------------------|---------------|----------------|-------------|------------|-------------|-----------------|-------------------|----------------------------------|--|
| Warehouse<br>Floor Cleaner                    | 56      | 8.698-107.0           | 5 gal                | 12.9          | blue           | solvent     | 1:128      | medium      | 5               | •                 | •                                | Warehouse Floor Cleaner<br>is formulated for everyday<br>warehouse concrete floor  |
|   | 57      | 8.698-108.0           | 55 gal               | 12.9          | blue           | solvent     | 1:128      | medium      | 5               | •                 | •                                | cleaning. Use on finished or<br>unfinished concrete. Safe for<br>polished concrete floors. No-rin:<br>formula is designed to remove  |
|   | 58      | 8.698-109.0           | 275<br>gal           | 12.9          | blue           | solvent     | 1:128      | medium      | 5               | •                 | •                                | dense concrete dust and leave a<br>streak-free finish. Developed for<br>scrubber machines, this formula<br>is non-foaming, phosphate-free<br>and contains ingredients that<br>protect the machine from scale<br>and contaminants.  |
| Ice Breaker<br>Freezer Cleaner                | 59      | 8.759-330.0           | 4 x<br>1 gal         | 11.9          | clear blue     | none        | 3:1        | low         | 5               | •                 | •                                | A fast-acting, highly efficient<br>cleaner / degreaser, specially<br>formulated for cleaning frozen  |
|   | 60      | 8.759-329.0           | 5 gal                | 11.9          | clear blue     | none        | 3:1        | low         | 5               |                   | •                                | formulated for cleaning frozen food and cold storage areas where conventional products would freeze. Penetrates, dissolves and suspends dirt, grime, fats and grease while freezer equipment is still operating. Safe on cleaning concrete, quarry tile, ceramic and metal surfaces. |
|   | 61      | 8.759-328.0           | 55 gal               | 11.9          | clear blue     | none        | 3:1        | low         | 5               |                   | •                                |  |
| Tire<br>Mark Remover<br>and Pre-Soak          | 62      | 8.759-327.0           | 1 x<br>1 qt          | 12.0-<br>12.8 | clear yellow   | citrus      | RTU        | low         | 5               |                   |                                  | Kärcher Tire Mark Remover<br>eliminates stubborn rubber<br>marks quickly and is a ready-   |
|   | 63      | 8.759-326.0           | 4 x<br>1 gal         | 12.0-<br>12.8 | clear yellow   | citrus      | RTU        | low         | 5               |                   |                                  | to-use, spray and wipe / pre-<br>spray cleaner with synergistic<br>solvent power.  |
|   | 64      | 8.759-325.0           | 55 gal               | 12.0-<br>12.8 | clear yellow   | citrus      | RTU        | low         | 5               | •                 | •                                | This cleaner has been specifically formulated to remove rubber tire marks on floors and other hard surfaces. Kärcher Tire Mark Remover als removes greasy soils and mark on most washable surfaces, including those listed below.  |
| Soft Floor Cleaner                            | s: Forr | nulated for general p | urpose and he        | avy-dı        | uty soft floor | cleaning. F | or use wit | h floor cai | re equipme      | nt only.          | l .                              |  |
| Red Carpet                                    |         |                       |                      |               |                |             |            |             |                 |                   |                                  |  |
| Red Carpet<br>Super Pre-Spray                 | 65      | 8.695-207.0           | 4 x<br>1 gal<br>case | 10.2          | blue green     | citrus      | 1:16       | medium      | 5               |                   | •                                | Pre-spray  |
| Red Carpet<br>Super<br>Conditioning<br>Rinse  | 66      | 8.695-209.0           | 4 x<br>1 gal<br>case | 2.2           | green          | citrus      | 1:128      | low         | 5               |                   |                                  | Conditioning rinse   |
| Red Carpet<br>Extraction<br>Cleaner           | 67      | 8.695-210.0           | 4 x<br>1 gal<br>case | 11.5          | bright blue    | citrus      | 1:128      | low         | 5               | •                 | •                                | Extraction cleaner   |
| Red Carpet<br>Wool & Natural<br>Fiber Cleaner | 68      | 8.695-211.0           | 4 x<br>1 gal<br>case | 8.0           | slate blue     | citrus      | 1:128      | low         | 5               |                   |                                  | Wool and natural fiber cleaner   |
| Red Carpet<br>Liquid Defoamer                 | 69      | 8.695-213.0           | 4 x<br>1 gal<br>case | 7.0           | white          | none        | 1:128      | n/a         | 1               |                   | •                                | Defoamer   |
| Red Carpet<br>Enzyme<br>Deordorizer           | 70      | 8.695-218.0           | 4 x<br>1 gal<br>case | 8.5           | amber          | citrus      | 1:4        | low         | 2               |                   | •                                | Enzyme Deordorizer   |
| Red Carpet<br>Odor Neutralizer                | 71      | 8.695-219.0           | 4 x<br>1 gal<br>case | 7.6           | clear          | floral      | 1:128      | medium      | 3               | •                 | -                                | Odor neutralizer   |
| odor Meditalizer                              |         | 0.605.333.0           | 12 x                 | 7.1           | clear          | none        | 1:1        | medium      | 5               | •                 |                                  | Spotter  |
| Red Carpet<br>Pro Spotter                     | 72      | 8.695-222.0           | 1 qt<br>case         |               |                |             |            |             |                 |                   |                                  |  |

|  |        | Order no.   | Size                 | рH   | Color | Scent | Dilution          | Foam   | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified |  |
|--|--------|-------------|----------------------|------|-------|-------|-------------------|--------|-----------------|-------------------|----------------------------------|--|
| iCapsol™ Encapsu                                     | lating | Chemical    |                      |      |       |       |                   |        |                 |                   |                                  |  |
| ICapsol™<br>encapsulating<br>chemical                | 74     | 8.695-226.0 | 4 x<br>1 gal<br>case | 7.2  | amber | none  | 1:16              | medium | 3               | •                 | •                                | Low moisture carpet cleaner  |
|  | 75     | 8.695-469.0 | 12 x<br>1 pt<br>case | 7.2  | amber | none  | 1:16              | medium | 3               | •                 | -                                |  |
| iCapsol™<br>encapsulator<br>/ protector              | 76     | 8.695-227.0 | 4 x<br>1 gal<br>case | 7.0  | amber | none  | 1:16              | medium | 3               | •                 | •                                | Low moisture carpet cleaner  |
|  | 77     | 8.695-643.0 | 5 gal                | 7.0  | amber | none  | 1:16              | medium | 3               | •                 | •                                |  |
|  | 78     | 8.695-470.0 | 12 x<br>1 pt<br>case | 7.0  | amber | none  | 1:16              | medium | 3               | •                 | -                                |  |
| Miscellaneous  |        |             | '                    |      | '     |       | _                 |        | •               | '                 | •                                |  |
| Vital Oxide<br>(US Only)                             | 79     | 8.759-565.0 | 12 x<br>3 oz<br>case | 8.0  | clear | none  | RTU<br>1:5<br>1:9 | medium | 3               |                   | •                                | Vital Oxide is a hospital grade<br>disinfectant sanitizer with 9<br>key attributes. Disinfection,  |
| NSF.   | 80     | 8.639-558.0 | 4 x<br>1 gal<br>pack | 8.0  | clear | none  | RTU<br>1:5<br>1:9 | medium | 2               | •                 | •                                | Sanitizing, Odor Elimination,<br>Carpet Sanitization, Allergen<br>Removal, Kills Mold and Mildew   |
| Nonfood Compounds A2                                 | 81     | 8.639-560.0 | 6 x 1<br>qt          | 8.0  | clear | none  | RTU<br>1:5<br>1:9 | medium | 2               | •                 | •                                | Kills biofilm, Parvo, Distemper,<br>Tuberculous, SARS-CoV-2 (the<br>cause of COVID-19). Sanitizer<br>dilution is NSF approved as a no  |
| SE OSO E   | 82     | 8.644-292.0 | 5 gal                | 8.0  | clear | none  | RTU<br>1:5<br>1:9 | medium | 2               | •                 | •                                | rinse sanitizer for non porous<br>food contact surfaces. (US Only)   |
|  | 83     | 8.642-823.0 | 15 gal               | 8.0  | clear | none  | RTU<br>1:5<br>1:9 | medium | 2               |                   | •                                |  |
|  | 84     | 8.698-112.0 | 55 gal               | 8.0  | clear | none  | RTU<br>1:5<br>1:9 | medium | 2               | •                 | •                                |  |
| Vital Oxide,<br>Secondary Label<br>3" x 3" (US Only) | 85     | 8.644-439.0 | Pack<br>of 25        | -    | -     | -     | RTU               | -      | _               | •                 | -                                |  |
| Vital Oxide,<br>Secondary Label<br>3" x 3" (US Only) | 86     | 8.642-868.0 | Pack<br>of 25        | -    | -     | -     | 1:5               | -      | -               | •                 | •                                |  |
| Vital Oxide,<br>Secondary Label<br>3" x 3" (US Only) | 87     | 8.642-869.0 | Pack<br>of 25        | -    | -     | -     | 1:9               | -      | -               | •                 | •                                |  |
| Professional<br>Multi-Purpose &<br>Daily Cleaner     | 88     | 8.759-332.0 | 12 x<br>1 qt         | 10.8 | none  | none  | RTU               | low    | 3               | •                 | •                                | Kärcher Professional Multi-<br>Purpose & Daily Cleaner quickly<br>cuts through grease, grime   |
|  | 89     | 8.759-331.0 | 4 x<br>1 gal         | 10.8 | none  | none  | RTU               | low    | 3               | •                 | •                                | and dirt. This highly versatile product can be used on a wide range of surface types including tile, plastics, laminate, and stainless steel. It is powerful yet gentle enough for use as a daily cleaner.   |
|  |        |             |                      |      |       |       |                   |        |                 |                   |                                  | Karcher Professional Multi-<br>Purpose Cleaner is also designe<br>to be used to clean and prepare<br>hard surfaces prior to a<br>disinfection step. It is the first<br>step of an EPA-recommended<br>two-step process for complete<br>cleaning and disinfecting. |
| Gum Remover<br>Detergents                            | 90     | 8.641-480.0 | 20 x<br>90 ml        | 6.0  | amber | none  | RTU               | medium | 2               | •                 | •                                | SG3 Bp chemical bottle   |

|  |          |                |                      | 1        |             |                   |                           |        |                 |                   |                                  |   |
|--|----------|----------------|----------------------|----------|-------------|-------------------|---------------------------|--------|-----------------|-------------------|----------------------------------|---|
|  |          | Order no.      | Size                 | рН       | Color       | Scent             | Dilution                  | Foam   | Hardness<br>1-5 | Phosphate<br>Free | Kosher<br>Approved<br>/Certified | Description   |
| RM 99 Solar<br>Cleaner                     | 91       | 8.698-094.0    | 5 gal                | 8.8      | none        | none              | 1:100                     | low    | 4               |                   |                                  | RM 99 Solar Cleaner is specific for cleaning solar and photovoltaic systems, and it's perfectly adapted to their unique surfaces. Its highly efficient, gentle on materials, biodegradable and removes even stubborn and greasy stains. It prevents the formation of limescale and maximizes the effectiveness of the system at minimum cost. |
| Compass™ Clean                             | 92       | 8.695-241.0    | 4 x<br>1 gal<br>case | 13.6     | orange      | none              | RTU                       | medium | 3               |                   |                                  | Food service cleaner / degreaser  |
| Compass™ Shine                             | 93       | 8.695-242.0    | 4 x<br>1 gal<br>case | 1.0      | dark green  | winter<br>green   | RTU                       | medium | 5               |                   |                                  | Concentrated bathroom cleaner / deodorizer  |
| Compass™ Rinse                             | 94       | 8.695-243.0    | 12 x<br>1 qt<br>case | 3.9      | clear       | none              | 1:2560                    | low    | 5               | •                 |                                  | Spot free drying agent  |
| Detergent for Pres                         | ssure V  | Vasher Mainten | ance                 | <u>'</u> | 1           |                   |                           | ı      | ı               |                   | l .                              |   |
| Coil Descaler                              | 95       | 9.803-742.0    | 12 x<br>2 lb         | 1.0      | white       | slight<br>solvent | 1:16                      | high   | 5               | •                 |                                  | Coil descaler quickly and safely removes hard water scale build up that robs the performance of your pressure washer. Removing the build-up improves the water flow, heat transfer while reducing strain on the pump.   |
| Pump and Coil<br>Protectant                | 96       | 8.698-058.0    | 12 x<br>1 qt         | 7.3      | amber       | none              | RTU                       | none   | 5               | •                 |                                  | Pump and Coil Protectant is a multi-component product made from heat-resistant organic and  |
|  | 97       | 9.556-111.0    | 4 x<br>1 gal         | 7.3      | amber       | none              | RTU                       | none   | 5               | •                 |                                  | inorganic salts. Its stabilizing<br>action on the minerals which<br>cause hardness in water, is   |
|  | 98       | 9.556-011.0    | 5 gal                | 7.3      | amber       | none              | RTU                       | none   | 5               | •                 |                                  | based on its ability to impede<br>the growth of mineral deposits.<br>This product is proprietary<br>to machines that have a built   |
| Pump and Coil<br>Protectant<br>Concentrate | 99       | 9.556-010.0    | 5 gal                | 7.6      | light brown | none              | 5 gal<br>makes<br>55 gals | none   | 5               | •                 |                                  | in dispenser for this product.<br>Keeps your machine running<br>efficiently with optimum<br>performance and reliability.  |
| Gum Remover Sup                            | oplies f | or SG1         |                      |          | 1           |                   |                           |        | <u> </u>        |                   |                                  |   |
| Gum Remover<br>Solution                    | 100      | 8.638-580.0    | 24<br>liters         | -        | _           | _                 | 1:1                       | -      | -               | -                 | -                                |   |
| Service Pack<br>for SG1                    | 101      | 8.639-871.0    | -                    | -        | _           | _                 | 1:1                       | -      | -               | _                 | -                                | Contains 2 LPG, 4 Bottles of<br>Solution, 2 Black SS Brushes,<br>1 Green Brush  |
| Gas Bottles                                | 102      | 8.638-579.0    | 12<br>pack           | -        | _           | _                 | 1:1                       | -      | -               | -                 | -                                |   |
| Additional Deterg                          | ent Ac   | cessories      |                      | •        |             |                   |                           |        |                 |                   |                                  |   |
| pH Test Strips                             | 103      | 8.753-577.0    | 100<br>pack          | -        | _           | -                 | -                         | -      | -               |                   |                                  | Contains 100 universal pH<br>test strips  |
| White 5 gallon<br>pail with lid            | 104      | 9.846-058.0    | 5 gal                | -        | white       | _                 | -                         | -      | -               |                   |                                  | White 5 gallon pail and lid. UN rated   |
| Blank<br>Secondary Label                   | 105      | 8.642-712.0    | -                    | -        | _           | -                 | _                         | -      | _               |                   |                                  | Secondary write in chemical /<br>detergent label  |

# **EASY!FORCE TRIGGER GUN – ZERO EFFORT REQUIRED!**

Introducing the most effortless trigger gun on the market, the new Kärcher EASY!Force. The revolutionary EASY!Force trigger gun uses its own recoil force to hold the trigger down for you. This means no more sore hands after hours of use. Try our EASY!Force trigger gun — it is so much fun, you will not want to put it down!



**Erogonomics**. Our EASY!Force technology holds the trigger down once you start it, avoiding the strain on your hands associated with other trigger guns.

**Faster set-up.** The new EASY!Lock connection system allows set-ups that are five times faster than existing systems. A simple 360° turn provides a fully-threaded, secure connection.

**Designed for long life.** Our EASY!Force valve consists of a ceramic ball with ceramic sealing seat that is resistant to any particles liable to cause potential damage. This gives it a lifetime five times longer than trigger guns with conventional valve.













**Two versions.** Introducing the North American EASY!Force trigger gun with standard threads for our North American engineered pressure washers and accessories, and our EASY!Force trigger gun with EASY!Lock threading for our German engineered machines and EASY!Lock accessory system.

- EASY!Force North American Model. Standard 1/4" connection for wand and 3/8" connection for hose. (NOT for use with EASY!Lock accessories) P/N 8.756-481.0 (see page 112)
- EASY!Force German Model. The EASY!Lock Threading for EASY!Lock adapters and accessories. (Adapters not included) P/N 4.118-005.0

**Built in safety**. The trigger gun features a mechanical safety to prevent accidental starts for maximum safety without compromising its ease-of-use.

**Perfect connections**. The same quick locking, screw connection of EASY!Lock can be used on existing pressure washers and accessories. An easy system of adapters ensures compatibility is easy, and allows you to experience the power of the EASY!Force trigger gun. Contact your local dealer to find out more. Try our EASY!Force trigger gun – you won't want to put it down.

# WHAT PERFECT CONNECTIONS LOOK LIKE

In order to cover the various interfaces, from the pressure washer to the nozzle, as well as ensuring compatibility is easy, a total of 10 different adapters are available. This ensures that all existing machines and accessories can continue to be used together with the new machines and accessories with EASY!Lock connections. Listed to the right are all adapters with their respective application.\*

### Our EASY!Lock system

The below illustration demonstrates the features of adapters 1-8. These adapters are for use with machines having metric connections. Adapters 9 and 10 are for use with 3/8" connections.

# **EMBOSSED NUMBER**

Every adapter has its own number. Clear and unmistakable.



### EASY!Lock connection

Quadruple trapezoidal thread with conical lock

# Anthracite gray = EASY!Lock

Color coding for EASY!Lock connection

### **Metric Thread**

Metric thread for accessories without EASY!Lock

### Black = Metric Thread

Color coding for conventional threaded connection



\*For example, any pressure washer with M22 x 1.5 connection can quickly be converted to the new EASY!Lock system with adapter 2.





### **EASY!Lock - M 22 X 1.5**

### Order no. 4.111-029.0

Adapter for connecting high-pressure hoses with EASY!Lock and high-pressure hoses with M  $22 \times 1.5$  connection.





### **EASY!Lock - M 22 X 1.5**

### Order no. 4.111-030.0

Adapter for connecting high-pressure hoses with EASY!Lock and pressure washers / trigger guns with M  $22 \times 1.5$  connection.





### **EASY!Lock - M 22 X 1.5**

### Order no. 4.111-031.0

Adapter for connecting spray lances or Servo Control regulators with EASY!Lock and trigger guns with M  $22 \times 1.5$ .





### **EASY!Lock - AVS**

### Order no. 4.111-032.0

Adapter for connecting EASY!Force trigger gun and high-pressure hoses with AVS swivel connection.





### **EASY!Lock - M 22 X 1.5**

### Order no. 4.111-033.0

Adapter for connecting EASY!Force trigger gun and spray lances with M 22 x 1.5 connection.





### **EASY!Lock - M 22 X 1.5**

### Order no. 4.111-034.0

Adapter for connecting EASY!Force trigger gun / pressure washers with EASY!Lock and high-pressure hoses with M 22 x 1.5 connection.





### **EASY!Lock - M 18 X 1.5**

### Order no. 4.111-035.0

Adapter for connecting nozzles with EASY!Lock and spray lances with M  $18 \times 1.5$  connection.





### **EASY!Lock - M 18 X 1.5**

### Order no. 4.111-036.0

Adapter for connecting spray lances with EASY!Lock and nozzles with M  $18 \times 1.5$  connection.





### **EASY!Lock - STANDARD 3/8" HOSE**

### Order no. 4.111-041.0

Adapter for connecting EASY!Force trigger gun and standard 3/8" US-style hose connection.





### EASY!Lock - STANDARD 3/8" MACHINE OUTLET

### Order no. 4.111-042.0

Adapter for connecting high-pressure hoses with EASY!Lock and 3/8" US-style machine outlet.

### **ADDITIONAL EASY!LOCK ADAPTERS ON PAGE 101**

# **EASY!FORCE TRIGGER GUN AND EASY!LOCK ACCESSORY SYSTEM**























■ NOTE: Accessories only compatible with EASY!Force Trigger Gun for EASY!Lock Threading. (Part # 4.118-005.0, shown above in Box 1)

|  |    | Order no.     | Description   |
|--|----|---------------|---|
| EASY!Force Trigger Gun                                       |    |               |   |
| EASY!Force trigger gun for EASY!Lock threading               | 1  | 4.118-005.0 ■ | Trigger gun uses the recoil force of the high-pressure spray to reduce the hold force of the trigger to zero.                                       |
| EASY!Force trigger gun                                       | 2  | 4.427-014.0   | EASY!Force trigger gun repair kit: manifold complete with full ceramic valve (for gun 4.118-005.0)  |
| repair kit   | 3  | 2.885-483.0   | EASY!Force trigger gun repair kit: spare part lever kit (for guns 8.756-481.0 and 4.118-005.0)  |
| Lance  | 4  | 4.112-000.0   | 41" spray lance   |
| Lance repair kit   | 5  | 2.880-001.0   | EASY!Force lance repair kit: quad-ring sealing (3)  |
| Side handle  | 6  | 4.321-380.0   | Ergonomic handle that attaches to the spray lance and offers additional working positions.  |
| Power nozzle<br>Spray angle 25°                              | 7  | 2.113-004.0   | Patented Kärcher power nozzle technology offers 40% increase in cleaning performance over conventional nozzles. Engineered for EASY!Lock. Size: 035 |
|  | 8  | 2.113-023.0   | Patented Kärcher power nozzle technology offers 40% increase in cleaning performance over conventional nozzles. Engineered for EASY!Lock. Size: 050 |
|  | 9  | 2.113-014.0   | Patented Kärcher power nozzle technology offers 40% increase in cleaning performance over conventional nozzles. Engineered for EASY!Lock. Size: 075 |
|  | 10 | 2.113-017.0   | Patented Kärcher power nozzle technology offers 40% increase in cleaning performance over conventional nozzles. Engineered for EASY!Lock. Size: 100 |
| Servo control  | 11 | 4.118-007.0   | Pressure and water flow regulation directly at the EASY!Force trigger gun. For 0-3.3 GPM.   |
|  | 12 | 4.118-008.0 ■ | Pressure and water flow regulation directly at the EASY!Force trigger gun. For 3.3-4.9 GPM.   |
|  | 13 | 4.118-009.0   | Pressure and water flow regulation directly at the EASY!Force trigger gun. For 4.9 GPM.   |
| Standard EASY!Lock Hose                                      |    |               |   |
| EASY!Lock hose   | 14 | 6.110-034.0   | 33' EASY!Lock hose, 3625 PSI  |
|  | 15 | 6.110-031.0   | 33' EASY!Lock hose  |
|  | 16 | 6.110-033.0   | 50' EASY!Lock hose  |
|  | 17 | 6.110-030.0   | 50' EASY!Lock hose with ANTI!Twist connection   |
|  | 18 | 6.110-014.0   | 100' EASY!Lock hose with ANTI!Twist connection  |
| Longlife EASY!Lock Hose                                      |    |               |   |
| Longlife EASY!lock hose -                                    | 19 | 6.110-029.0   | 50' EASY!Lock Longlife hose with ANTI!Twist connection  |
| designed with two steel layers instead of one, for no leaks! | 20 | 6.110-023.0   | 100' EASY!Lock Longlife hose with ANTI!Twist connection   |
| 5800 PSI   | 21 | 6.110-028.0   | 66' EASY!Lock Longlife hose with one side AVS hose reel connection  |
| Food Grade EASY!Lock Hose                                    |    |               |   |
| Food grade EASY!Lock hose                                    | 22 | 6.110-051.0   | 33' EASY!Lock Food grade hose with ANTI!Twist connection  |
|  | 23 | 6.110-052.0 ■ | 66' EASY!Lock Food grade hose with ANTI!Twist connection  |
|  | 24 | 6.110-063.0   | 50' EASY!Lock Food grade hose with AVS hose reel connection   |

# **EASY!FORCE TRIGGER GUN AND EASY!LOCK ACCESSORY SYSTEM**

































■ NOTE: Accessories only compatible with EASY!Force Trigger Gun for EASY!Lock Threading. (Part # 4.118-005.0, shown on previous page, in Box 1)

|                       |        | Order no.     | Description  |
|-----------------------|--------|---------------|--|
| Adapter for EASY!Lock | System |               |  |
| Adapter               | 1      | 4.111-029.0 ■ | EASY!Lock - M 22 × 1.5. Adapter for connecting high-pressure hoses with EASY!Lock and high-pressure hoses with M 22 x 1.5 connection.  |
|                       | 2      | 4.111-030.0 ■ | EASY!Lock - M 22 × 1.5. Adapter for connecting high-pressure hoses with EASY!Lock and pressure washers / trigger guns with M 22 x 1.5 connection.                            |
|                       | 3      | 4.111-031.0 ■ | EASY!Lock - M 22 × 1.5. Adapter for connecting spray lances or Servo Control regulators with EASY!Lock and trigger guns with M 22 x 1.5.                                     |
|                       | 4      | 4.111-032.0 ■ | EASY!Lock - AVS. Adapter for connecting EASY!Force trigger gun and high-pressure hoses with AVS swivel connection.   |
|                       | 5      | 4.111-033.0 ■ | EASY!Lock - M $22 \times 1.5$ . Adapter for connecting EASY!Force trigger gun and spray lances with M $22 \times 1.5$ connection.  |
|                       | 6      | 4.111-034.0 ■ | EASY!Lock - M 22 × 1.5. Adapter for connecting EASY!Force trigger gun / pressure washers with EASY!Lock and high-pressure hoses with M 22 x 1.5 connection.                  |
|                       | 7      | 4.111-035.0 ■ | EASY!Lock - M 18 × 1.5. Adapter for connecting nozzles with EASY!Lock and spray lances with M 18 × 1.5 connection.   |
|                       | 8      | 4.111-036.0 ■ | EASY!Lock - M 18 $\times$ 1.5. Adapter for connecting spray lances with EASY!Lock and nozzles with M 18 $\times$ 1.5 connection.   |
|                       | 9      | 4.111-037.0   | EASY!Lock - EASY!Lock to connect 2 EASY!Lock hoses   |
|                       | 10     | 4.111-041.0 ■ | EASY!Lock - STANDARD 3/8" HOSE. Adapter for connecting EASY!Force trigger gun with standard 3/8" US-style hose connection.   |
|                       | 11     | 4.111-042.0 ■ | EASY!Lock - STANDARD 3/8" MACHINE OUTLET. Adapter for connecting high-pressure hoses with EASY!Lock and 3/8" US-style machine outlet.  |
|                       | 12     | 4.111-055.0 ■ | Adapter complete TR22IG-3/8 NPT. Adapter to connect EASY!Force Trigger Gun to 3/8" FPT. This can be used to connect 3/8" FPT Inlet Injector.                                 |
|                       | 13     | 4.111-056.0 ■ | Adapter complete TR22AG-3/8 NPT. Adapter to connct EASY!Lock Hose to 3/8" MPT. This can be used to connect 3/8" MPT Injector.  |
|                       | 14     | 4.111-057.0 ■ | Adapter complete 17 TR20IG-1/4 NPT. Adapter to connect EASY!Force Lance to 1/4" FPT. This can be used to attached a standard Quick Coupler or Turbo Nozzle.                  |
|                       | 15     | 4.111-058.0 ■ | Adapter complete 18 TR20AG-1/4 NPT. Adapter to connect standard North American Lance with 1/4" MPT to FRV 30.  |
|                       | 16     | 4.111-059.0 ■ | Adapter complete 19 TR22AG-1/4 NPT. Adapter to connect standard North American Trigger Gun with 1/4" FPT to EASY!Lock Pivoting Wand or EASY!Lock Inno Foam Lance.            |
|                       | 17     | 4.111-060.0   | Adapter complete 20 TR22IG-1/4 NPT. Rotating Adapter to be able to connect EASY!Force Gun to standard 1/4" MPT thread lance. This can be used to connect a standard VP Wand. |

# **ISOLAR 400/800 SOLAR PANEL CLEANER**



### No place is unreachable.

The iSolar accessories system is a complete modular solution that offers all the necessary products for your cleaning needs, from water connections to brushes. This system is also compatible with many Kärcher pressure washers, meaning, existing pressure washers can usually be used to operate iSolar. Because the system is modular, we can build a custom solution to fulfill any requirement.

The iSolar 400 and iSolar 800 offer superior and safe cleaning, thanks to brushes powered by a pressure washer's water jet. The mechanical action of the bristles, made of nylon for scratch-free surface cleaning, operate at low pressure, eliminating any danger of the panels being damaged. The rotating brushes are also fitted with robust ball bearings to guarantee exceptionally long service life.



### 1 iSolar 800

Counter-rotating disc brushes ensure:

- Excellent cleaning performance and area coverage
- Optimal handling with balancing of transverse forces
- Pre-rinsing of adjacent panels

### 2 Comfortable in every position

Stable articulated joint offers:

- Convenient and flexible working positions
- Robust brass design for maximum durability

### 3 iSolar 400

Entry-level model for smaller areas:

- Particularly suitable for elevated systems
- Pre-rinsing of adjacent panels

### 4 Safety first

For safe rooftop work:

- Safety harness with quick-release fasteners
- Guided fall arrestor with integrated shock absorber and lengthy guide rope

# **ISOLAR 400/800 SOLAR PANEL CLEANER**

















|   |    | Order no.   | Length   | Flow rate   | Max. feed<br>temperature | Description   |
|---|----|-------------|----------|-------------|--------------------------|---|
| iSolar panel cleaner  |    | ı           |          |             | -                        | 1 -   |
| iSolar 400  | 1  | 6.368-093.0 |          | 4.4-5.7 GPM | 104°F                    | The water-driven iSolar 400 disc brush features a working width of 400 mm and is especially suitable for cleaning small to medium-sized   |
|   |    | 6.368-092.0 |          | 3.4-4 GPM   |                          | photo-voltaic systems. Thanks to the low weight and easy handling, even elevated systems can be conveniently cleaned.   |
| iSolar 800  | 2  | 6.368-095.0 |          | 4.4-5.7 GPM | 104°F                    | The water-driven iSolar 800 brush head with 800 mm working width works with two contra-rotating disc brushes and is used for cleaning   |
|   |    | 6.368-094.0 |          | 3.4-4 GPM   | 104°F                    | photo-voltaic systems. The contra-rotating brushes balance out all transversal forces, guaranteeing optimal handling. The flexible angle joint on the brush head's connector also makes cleaning easier. It ensures that the bristles always lie flat, allowing uniform cleaning results. The brush head features especially high area performance – ideal for cleaning large systems, for example on barn roofs.                               |
| Safety kit  | 3  | 6.988-152.0 |          |             |                          | Certified, standard-compliant safety system for safe working on roofs.  The fall protection includes a traveling fall arrestor with shock absorber and 49.2 ft kernmantle rope, safety harness, an anchoring loop for fixing the safety machine, as well as a practical metal box for storage and transport.  |
| iSolar TL 7 H<br>(without hose, iSolar<br>HP hose 7 required)   | 4  | 4.762-610.0 | 5-23 ft. |             | 140°F                    | Telescopic wand made from carbon/fiberglass mixture for maximum rigidity with minimum weight. With a 23.6 ft maximum reach and practical quick-release couplings for easy extension and retraction.   |
| iSolar TL 10 C<br>(without hose, iSolar<br>HP hose 10 required) | 5  | 4.762-612.0 | 7-33 ft. |             | 140°F                    | The telescopic wand is made from a carbon-fiberglass mixture (hybrid) and offers maximum rigidity with minimum weight. It has a reach of up to 32.8 ft and is fitted with practical quick-release couplings - for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. The carbon-fiberglass mixture is also on the lowest rod element and ensures electrical insulation and thus work safety. |
| iSolar TL 14 C<br>(without hose, iSolar<br>HP hose 14 required) | 6  | 4.762-613.0 | 7-45 ft. |             | 140°F                    | The telescopic wand is made from a carbon-fiberglass mixture (hybrid) and offers maximum rigidity with minimum weight. It has a reach of up to 45.9 ft and is fitted with practical quick-release couplings – for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. The carbon-fiberglass mixture is also on the lowest rod element and ensures electrical insulation and thus work safety. |
| iSolar HP hose 7  | 7  | 6.392-978.0 | 28 ft.   |             | 311°F                    | The high-quality and flexible high-pressure hose with rubber outer covering is suitable for use in combination with the iSolar TL 7. The outer skin of the hose features especially good sliding properties - ideal for extending and retracting the telescopic wand.   |
| iSolar HP hose 10   | 8  | 6.392-977.0 | 38 ft.   |             | 311°F                    | The high-quality and flexible high-pressure hose with rubber outer covering is suitable for use in combination with the iSolar TL 10. The outer skin of the hose features especially good sliding properties - ideal for extending and retracting the telescopic wand.  |
| iSolar HP hose 14   | 9  | 6.392-976.0 | 49 ft.   |             | 311°F                    | The high-quality and flexible high-pressure hose with rubber outer covering is suitable for use in combination with the iSolar TL 14. The outer skin of the hose features especially good sliding properties – ideal for extending and retracting the telescopic wand.  |
| RM 99 solar cleaner   | 10 | 8.698-094.0 |          |             |                          | RM 99 Solar Cleaner is specific for cleaning solar and photovolta-<br>ic systems, and it's perfectly adapted to their unique surfaces. Its<br>highly efficient, gentle on materials, biodegradable and removes even<br>stubborn and greasy stains. It prevents the formation of limescale and<br>maximizes the effectiveness of the system at minimum cost.   |

# **HIGH-PRESSURE HOSES**



Kärcher's original equipment hoses are the preferred choice of experienced pressure washer operators. Constructed of the highest-quality materials available, our anti-kink hoses deliver outstanding durability and improved operator convenience. Kärcher hoses are more flexible and easier to wind than competitors' hoses and are more convenient to use thanks to easy-grip hose-ends which can be tightened without tools.

|  |     | ı           |             | T                          |                 |   |  |
|--|-----|-------------|-------------|----------------------------|-----------------|---|--|
|  |     | Order no.   | Max<br>Temp | Max working pressure (PSI) | Length<br>(ft.) | Description   |  |
| Integral AVS connection - passive swivel   |     |             |             |                            | ,               |   |  |
| High-pressure hose, 33', ID 6, AVS trigger gun connector   | 1   | 6.391-238.0 | 311°F       | 3625                       | 33              | With patented AVS trigger gun connector<br>(rotatable) and coupling, M 22 x 1.5 with  |  |
| High-pressure hose, 50', ID 6, AVS trigger gun connector   | 2   | 6.390-174.0 | 311°F       | 3625                       | 50 (20 m)       | anti-kink sleeve.   |  |
| Integral AVS connection  |     |             |             |                            |                 |   |  |
| High-pressure hose, 33', ID 6  | 3   | 6.389-853.0 | 311°F       | 3625                       | 33              | Integral AVS connection   |  |
| High-pressure hose, 33', ID 8  | 4   | 6.390-025.0 | 311°F       | 4565                       | 33              |   |  |
| High-pressure hose, 50', ID 8  | 5   | 6.390-185.0 | 311°F       | 4565                       | 50              |   |  |
| Female twist-type connection (22 mm)   |     |             |             |                            |                 |   |  |
| High-pressure hose, 33', ID 8, extension piece   | 6   | 6.391-342.0 | 311°F       | 4565                       | 33              | Female twist-type connection (22 mm)  |  |
| High-pressure hose, 50', ID 8  | 7   | 6.390-010.0 | 311°F       | 4565                       | 50              |   |  |
| High-pressure hose, 100', ID 8   | 8   | 6.390-293.0 | 311°F       | 4565                       | 100             |   |  |
| High-pressure hose, 50', ID 10   | 9   | 6.390-023.0 | 311°F       | 3190                       | 50              |   |  |
| Extension hose 2 x 22 mm (no swivel)   |     | ,           | •           |                            |                 |   |  |
| High-pressure hose, 50', ID 8  | 10  | 9.162-323.0 | 185°F       | 4000                       | 50              | Extension hose 2 x 22 mm (no swivel)  |  |
| (requires 4.403-002.0 brass extension coupling to connect to other hose)                         |     |             |             |                            |                 |   |  |
| High-pressure hose, 100', ID 8   | 11  | 9.162-305.0 | 311°F       | 3600                       | 100             |   |  |
| (requires 4.403-002.0 brass extension coupling to connect to other hose)                         |     |             |             |                            |                 |   |  |
| Premium long-life 400 hose (Integral AVS connection)   |     |             |             |                            |                 |   |  |
| Integral AVS connection, 66', ID 8   | 12  | 6.390-208.0 | 311°F       | 5800                       | 66              | Kārcher's premium Long-life 400 hoses, identified with a yellow stripe, are the best of the best and are available to fit AVS or 22 mm twist-type connections. This hose has an integral pivot end to fit AVS trigger guns and a 22 mm female threaded end with anti-kink protection. |  |
| Premium long-life 400 hose (22 mm twist-type connection  | on) |             |             |                            |                 |   |  |
| 22 mm twist-type connection, 33', ID 8   | 13  | 6.388-083.0 | 311°F       | 5800                       | 33              | The Long-life twist-type hose has two   |  |
| 22 mm twist-type connection, 50', ID 8   | 14  | 6.389-709.0 | 311°F       | 5800                       | 50              | 22 mm female anti-kink threaded ends<br>for non-AVS trigger guns. The yellow end<br>indicates full 360° swivel capability at  |  |
| 22 mm twist-type connection, 66', ID 8   | 15  | 6.390-027.0 | 311 °F      | 5800                       | 66              |   |  |
| 22 mm twist-type connection, 100', ID 8  | 16  | 6.390-294.0 | 311°F       | 5800                       | 100             | that point—even under full pressure.  |  |
| Food-grade hoses   |     | 1           |             |                            | 1               |   |  |
| High-pressure hose, 50', ID 6, AVS trigger gun connector 11 mm, suitable for food industry, gray | 17  | 6.391-654.0 | 311°F       | 3625                       | 50              | With patented AVS trigger gun connector (rotatable) and coupling, M 22 x 1.5 with   |  |
| High-pressure hose, 50', ID 6, AVS gun connection, 15 mm, suitable for food                      | 18  | 6.390-445.0 | 311°F       | 3625                       | 50              | anti-kink sleeve. With gray non-marking outer cover.  |  |
|  |     |             |             |                            |                 |   |  |

# **HIGH-PRESSURE HOSES**

















|  |    |             |       |                | 1      | T   |
|--|----|-------------|-------|----------------|--------|---|
|  |    |             | Max   | Max working    | Length |   |
|  |    | Order no.   | Temp  | pressure (PSI) | (ft.)  | Description   |
| Food industry version with unions on both sides  |    |             |       |                |        |   |
| High-pressure hose, 33', ID 8, suitable for the food industry, extension piece         | 19 | 6.389-479.0 | 311°F | 3625           | 33     | Connectors at both ends, M 22 x 1.5, with kink protection.        |
| High-pressure hose, 66', ID 8, suitable for food industry, extension piece             | 20 | 6.389-581.0 | 311°F | 3625           | 66     | With gray non-marking outer cover.                                |
| Special hose   |    |             |       |                |        |   |
| High-pressure hose 66', ID 20, including connectors, outlet bend                       | 21 | 6.391-886.0 | 311°F | 5800           | 66     | High pressure hose for connection to hose reel.                   |
| Standard EASY!Lock Hose  |    |             |       |                |        |   |
| EASY!Lock hose   | 22 | 6.110-034.0 | 311°F | 3625           | 33     | EASY!Lock hose  |
|  | 23 | 6.110-031.0 | 311°F | 4565           | 33     | EASY!Lock hose  |
|  | 24 | 6.110-033.0 | 311°F | 4565           | 50     | EASY!Lock hose  |
|  | 25 | 6.110-030.0 | 311°F | 4565           | 50     | EASY!Lock hose with<br>ANT!!Twist connection                      |
|  | 26 | 6.110-014.0 | 311°F | 4565           | 100    | EASY!Lock hose with<br>ANT!!Twist connection                      |
| Longlife EASY!Lock Hose  |    |             |       |                |        |   |
| Longlife EASY!lock hose - designed with two steel layers instead of one, for no leaks! | 27 | 6.110-029.0 | 311°F | 5800           | 50     | EASY!Lock Longlife hose with ANT!!Twist connection                |
|  | 28 | 6.110-027.0 | 311°F | 5800           | 66     | EASY!Lock long life hose with<br>ANT!!Twist connector             |
|  | 29 | 6.110-023.0 | 311°F | 5800           | 100    | EASY!Lock Longlife hose with<br>ANT!!Twist connection             |
|  | 30 | 6.110-028.0 | 311°F | 5800           | 66     | EASY!Lock Longlife hose with one side<br>AVS hose reel connection |
| Food Grade EASY!Lock Hose  |    |             |       |                |        |   |
|  | 31 | 6.110-063.0 | 311°F | 3625           | 50     | EASY!Lock Food grade hose with<br>AVS hose reel connection        |

# KÄRCHER R1 AND R2 HOSE

Introducing the new Kärcher R1 and R2 hose. The R1 and R2 hose is built to exceed the EN1829-2 Standard and will provide superior abrasion resistance that will increase the life of the hose. The R1 and R2 hose is rated up to 250°F and is available in 4000, 5000 and 6000 PSI.

Both single-and double-wire braid hoses come with durable bend restrictors on both ends, with a 24-inch bend restrictor on the gun end for added operator protection against high-pressure bursts.

The R1 and R2 hose has a "bite-the-wire" coupling that grips the hose better than any other design.



R1 AND R2 PRESSURE WASH 6000 2WB - 1/4" [6.3 MM] 6000

- Temperature Rating: R1 and R2 hose are rated for continuous temperatures up to 250°F.
- Certified Burst Protection: R1 and R2 hose meets the stringent UL-1776 safety standards with two hose guards-including a 24-inch sleeve on the gun end-for added operator protection against bursts.
- Easily Identified: Permanently embossed identification makes for easy tracing and owner protection.
- Unique Coupling: A "bite-the-wire" coupling actually reaches the wire braid for never-slip retention, far superior to the "compression" fittings used on conventional hoses.





|                                   |    | Order no.   | Max<br>Temp | Max working pressure (PSI) | Size | Length (ft.) | Description   |
|-----------------------------------|----|-------------|-------------|----------------------------|------|--------------|---|
| Kärcher R1, 1-wire                |    |             |             |                            |      |              |   |
| 3/8" MPT Swivel x 3/8" MPT Solid  | 1  | 8.925-148.0 | 250°F       | 4000                       | 3/8" | 25           | Kärcher branded bend black restrictor   |
|                                   | 2  | 8.925-154.0 | 250°F       | 4000                       | 3/8" | 50           | Wrapped impression, maximum   |
|                                   | 3  | 8.925-159.0 | 250°F       | 4000                       | 3/8" | 75           | Oil resistant tube and cover with black hose guard, both ends, Rated to 250°F |
|                                   | 4  | 8.925-163.0 | 250°F       | 4000                       | 3/8" | 100          | godia, both enas. Nated to 250 i  |
|                                   | 5  | 8.925-168.0 | 250°F       | 4000                       | 3/8" | 150          |   |
|                                   | 6  | 8.925-377.0 | 250°F       | 4000                       | 3/8" | 50           | Case, Qty 75 (8.925-154.0), 3/8" 50' 1W                                       |
|                                   | 7  | 8.925-447.0 | 250°F       | 4000                       | 3/8" | 100          | Case, Qty 40 (8.925-163.0), 3/8" 100' 1W                                      |
| Kärcher R1, 1-wire                | •  |             |             |                            |      |              |   |
| 3/8" MPT Swivel x 3/8" MPT Swivel | 8  | 8.925-359.0 | 250°F       | 4000                       | 3/8" | 50           | Kärcher branded bend black restrictor   |
|                                   |    | 8.925-361.0 | 250°F       | 4000                       | 3/8" | 100          | Wrapped impression, maximum   |
|                                   | 9  |             |             |                            |      |              | Oil resistant tube and cover with black hose                                  |
|                                   |    |             |             |                            |      |              | guard, both ends. Rated to 250°F  |
| Kärcher R2, 2-wire                | 1  | l           | l           | 1                          | 1    | 1            | 1   |
| 3/8" MPT Swivel x 3/8" MPT Solid  | 10 | 8.925-178.0 | 250°F       | 6000                       | 3/8" | 25           | Kärcher branded bend red restrictor  Wrapped impression, maximum              |
|                                   | 11 | 8.925-182.0 | 250°F       | 6000                       | 3/8" | 50           | Oil resistant tube and cover with yellow hose                                 |
|                                   | 12 | 8.925-186.0 | 250°F       | 6000                       | 3/8" | 75           | guard, both ends. Rated to 250°F  |
|                                   | 13 | 8.925-227.0 | 250°F       | 6000                       | 3/8" | 100          |   |
|                                   | 14 | 8.925-381.0 | 250°F       | 6000                       | 3/8" | 50           | Case, Qty 75 (8.925-182.0), 3/8" 50' 2W                                       |
|                                   | 15 | 8.925-448.0 | 250°F       | 6000                       | 3/8" | 100          | Case, Qty 40 (8.925-227.0), 3/8" 100' 2W                                      |
| Kärcher R2, 2-wire                |    |             |             |                            |      |              |   |
| 3/8" MPT Swivel x 3/8" MPT Solid  | 13 | 8.925-245.0 | 250°F       | 5000                       | 1/2" | 50           | Kärcher branded bend red restrictor. Wrapped                                  |
|                                   |    |             |             |                            |      |              | impression, maximum oil resistant tube and cover.                             |
|                                   |    |             |             |                            |      |              | 2-wire protection. Includes 1-3/8" FPT Coupler Socket.                        |
|                                   | 14 | 8.925-246.0 | 250°F       | 5000                       | 1/2" | 50           | Kärcher branded bend red restrictor. Wrapped                                  |
|                                   | 14 | 3.525 240.0 | 2301        |                            | 1,2  |              | impression, maximum oil resistant tube and cover.                             |
|                                   |    |             |             |                            |      |              | 2-wire protection.  |
|                                   |    |             |             |                            |      |              | Includes 2-3/8" FPT twist set couplers.                                       |
|                                   | 15 | 8.925-251.0 | 250°F       | 5000                       | 1/2" | 100          | Kärcher branded bend red restrictor. Wrapped                                  |
|                                   |    |             |             |                            |      |              | impression, maximum oil resistant tube and cover.  2-wire protection.         |
|                                   |    |             |             |                            |      |              | 2-wire protection.  Configured 3/8" MPT SOX 3/8" MPTSW                        |

# **MISCELLANEOUS HOSES**















|                                  |    |             | Мах      | Max working    |              |  |
|----------------------------------|----|-------------|----------|----------------|--------------|--|
| Water supply hose                |    | Order no.   | Temp     | pressure (PSI) | Length (ft.) | Description  |
| water supply nose                | 1  | 4.440-207.0 | 86°F     |                | 25           | ID 19 R1" / R 3/4", up to 85 °C, for suction with copper wire for grounding the unit.                            |
| Industrial garden hose           |    | ı           | <u> </u> |                |              |  |
| /4" ID                           | 2  | 8.711-797.0 | 212°F    | 200            | 25           | Built to last, extra-large 3/4" ID Inlet water hose. EPDM cover and tube is perfect for water and provides ozone |
|                                  | 3  | 8.711-798.0 | 212°F    | 200            | 50           | and heat protection.   |
|                                  | 4  | 8.711-799.0 | 212°F    | 200            | 75           | 2-wire protection Seven times greater abrasion resistance  |
|                                  | 5  | 8.711-800.0 | 212°F    | 200            | 100          | Built to SAE 100R2AT OD dimensions 3/8" MPT Swivel x 3/8" MPT Solid  |
| Sandblast hose                   |    |             |          |                |              |  |
| 3/4"                             | 6  | 8.711-809.0 | 130°F    |                | / ft.        | Sand, Spiralite /ft  |
| 3/4" x 25'                       | 7  | 8.711-839.0 | 130°F    |                | 25           | Assy, Sand, Spiralite  |
| 3/4" x 40'                       | 8  | 8.711-840.0 | 130°F    |                | 40           | Assy, Sand, Spiralite  |
| 1"                               | 9  | 8.711-811.0 | 130°F    |                | / ft.        | Sand, Spiralite /ft  |
| Float tank inlet hose            |    |             | '        | 1              | 1            |  |
| 8"                               | 10 | 8.711-773.0 | 190°F    | 300            |              |  |
| 11"                              | 11 | 8.711-774.0 | 190°F    | 300            |              |  |
| 13"                              | 12 | 8.711-775.0 | 190°F    | 300            |              |  |
| 30"                              | 13 | 9.802-257.0 | 190°F    | 300            |              |  |
| 45"                              | 14 | 9.802-258.0 | 190°F    | 300            |              |  |
| Connector, Fluidmaster ball cock | 15 | 8.707-316.0 | 190°F    | 300            |              |  |
| Push-on hose                     |    |             |          | ,              |              |  |
| 1/4" ID                          | 16 | 9.802-254.0 | 190°F    | 300            |              | Fabric braid hose with a Nitrile cover and tube. Easily pushes on to hose barb fitting and good up to 300 PSI.   |
| 1/2" ID                          | 17 | 9.802-259.0 | 190°F    | 300            |              | Fabric braid   |
| 3/4" ID                          | 18 | 9.802-261.0 | 190°F    | 300            |              | Nitrile cover<br>-40°F to 212°F  |
| Vinyl tubing                     |    | 1           |          |                |              |  |
| 1/4" x 1/2"                      | 19 | 9.802-251.0 | 50°F     |                |              | Clear vinyl / ft available by the foot or in 100' rolls  |
| 1/4" x 1/2"                      | 20 | 9.802-252.0 | 250°F    |                |              | Braided vinyl / ft available by the foot or in 100' rolls  |
|                                  |    |             |          |                |              |  |



# **HOSE REELS AND BRACKETS**





























|                                      |    | Order no.   |   | Length (ft.) | Description  |
|--------------------------------------|----|-------------|---|--------------|--|
| Ready-Stack hose reels               |    |             |   | ı            |  |
| Ready-Stack hose reels               | 1  | 9.801-763.0 |   | 100          | Mild steel, 6000 PSI, 350°F  |
|                                      | 2  | 9.801-764.0 |   | 200          | Mild steel, 6000 PSI, 350°F  |
|                                      | 3  | 9.801-765.0 | S | 100          | Stainless Steel, 6000 PSI, 350°F   |
|                                      | 4  | 9.801-766.0 |   | 200          | Stainless Steel, 6000 PSI, 350°F   |
|                                      | 5  | 8.923-415.0 |   | 100          | Hose Guide for 100 Ft Reel   |
|                                      | 6  | 8.923-427.0 |   | 200          | Hose Guide for 200 Ft Reel   |
|                                      | 7  | 8.923-416.0 |   |              | Hose Reel Riser, feed hose over and around obstacles   |
|                                      | 8  | 8.923-918.0 |   |              | Reel Cart System, easily move multiple hoses and reels where needed.   |
| Automatic, self-winding hose reels   |    |             |   |              |  |
| Self-winding hose reel               | 9  | 2.639-919.0 |   | 66           | For wall mounting of high-pressure hose.   |
| Swivel wall mount bracket            | 10 | 2.639-931.0 |   |              | Hose and bracket (2.639-931.0) sold separately.  |
| Manual hose reels                    |    |             |   |              |  |
| HD Classic hose reel                 | 11 | 9.801-253.0 |   |              | Non-pivoting with mounting kit for HD gas series. 4000 PSI, 225° F, connects to standard 22 mm high-pressure hose. Hose sold separately.   |
| Jumper hose                          | 12 | 9.162-154.0 |   |              |  |
| Fixed Based                          | 13 | 8.750-682.0 |   | 100          | 5000 PSI, 325° F, equipped for 3/8" hose. 2-year warranty.   |
| Pivot Reel                           | 14 | 8.750-685.0 |   | 100          | 5000 PSI, 325° F, equipped for 3/8" hose. 2-year warranty.   |
| Fixed Based                          | 15 | 8.750-683.0 |   | 200          | 5000 PSI, 325° F, equipped for 3/8" hose. 2-year warranty.   |
| Pivot Reel                           | 16 | 8.750-684.0 |   | 100          | 5000 PSI, 325° F, equipped for 3/8" hose. 2-year warranty.   |
| Pivot Reel, Trailer Mount            | 17 | 8.920-146.0 |   |              |  |
| Pivot Reel, Trailer Mount            | 18 | 8.920-147.0 |   |              |  |
| Hose reel brackets                   |    |             |   |              |  |
| Mounting kit for HDS full size units | 19 | 9.801-418.0 |   |              | Hose sold separately.  |
| Trailer Mount Support, Pivot Reels   | 20 | 8.920-127.0 |   | 33           |  |
| Universal Mount                      | 21 | 8.919-430.0 |   | 50           |  |
| Skid Mount                           | 22 | 8.919-794.0 |   | 100          |  |
| Wall Mount                           | 23 | 8.919-437.0 |   | 50           |  |
| Base Mount                           | 24 | 8.919-434.0 |   |              |  |
| Bracket, Universal                   | 25 | 8.919-072.0 |   |              |  |
| Bracket, 90°                         | 26 | 8.919-445.0 |   |              |  |
| Bracket, 45°                         | 27 | 8.919-441.0 |   |              |  |
|                                      |    |             | 1 | 1            | T. Control of the con |

# **HOSE REEL SWIVELS**





|                   |    |             | I   |
|-------------------|----|-------------|---|
|                   |    |             |   |
|                   |    |             |   |
|                   |    | Order no.   | Description   |
| Hose reel swivels |    | 0.00.00     |   |
| 1/2" M x 3/8" F   | 1  | 9.118-021.0 | 5000 PSI, stainless steel rotor, unique dual seal for extra long life. 2-year warranty. |
| 1/2" F x 3/8" F   | 2  | 9.118-022.0 |   |
| 3/8" M x 3/8" F   | 3  | 9.118-023.0 |   |
| 3/8" F x 3/8" F   | 4  | 9.118-024.0 |   |
| 1/2" M x 1/2" F   | 5  | 9.118-025.0 |   |
| 1/2" F x 1/2" F   | 6  | 9.118-026.0 | <del>-</del>  |
| 3/8" M x 1/2" F   | 7  | 9.118-027.0 | <del>-</del>  |
| 3/8" F x 1/2" F   | 8  | 9.118-028.0 | <del></del>   |
| 1/2" M x 3/8" F   | 9  | 9.118-020.0 | Extended swivels - protects hose and limits bend and hose stress                        |
| 1/2" F x 3/8" F   | 10 | 9.118-029.0 | <del></del>   |
| 3/8" M x 3/8" F   | 11 | 9.118-030.0 |   |
| 3/8" F x 3/8" F   | 12 | 9.118-031.0 |   |
| 3/8" F x 1/2" F   | 13 | 9.118-032.0 |   |
| 3/8" M x 1/2" F   | 14 | 9.118-033.0 |   |
| 1/2" F x 1/2" F   | 15 | 9.118-034.0 |   |
| 1/2" M x 1/2" F   | 16 | 9.118-035.0 |   |

# **WASH BRUSHES**













|  |    | Order no.   | Flow rate   | Description   |  |
|--|----|-------------|-------------|---|--|
| Push-on wash brush                       |    |             |             |   |  |
| Push-on wash brush                       | 1  | 4.762-016.0 |             | For use with hot or cold water Classic machines. Clamps directly onto 18 mm spray lance.  |  |
| Push-on wash brush; EASY!Lock threading  | 2  | 4.113-001.0 |             |   |  |
| Push-on wash brush                       | 3  | 4.762-444.0 |             | For use with cold water Classic machines. Mounts onto double or triple nozzles.   |  |
| Rotating wash brush                      |    |             |             |   |  |
| Rotating wash brush                      | 4  | 4.762-559.0 | > 4 GPM     | Nylon bristles. Driven by water jet, gently removes fine dust and traffic film from all surfaces. For use with hot or cold water Classic machines. Clamps directly onto 18 mm spray lance.    |  |
| Rotating wash brush                      | 5  | 4.762-561.0 | up to 4 GPM |   |  |
| Rotating wash brush; EASY!Lock threading | 6  | 4.113-004.0 | up to 4 GPM | clamps directly onto 16 min spray lance.  |  |
| Rotating wash brush; EASY!Lock threading | 7  | 4.113-002.0 | > 4 GPM     |   |  |
| Rotating wash brush                      | 8  | 4.762-560.0 | up to 4 GPM | Natural bristles. Driven by water jet, gently removes fine dust and traffic film from all surfaces. For use with hot or cold water Classic machines.  Clamps directly onto 18 mm spray lance. |  |
| Rotating wash brush; EASY!Lock threading | 9  | 4.113-003.0 | up to 4 GPM |   |  |
| Rotating wash brush; EASY!Lock threading | 10 | 4.113-005.0 | > 4 GPM     |   |  |

# **COUPLINGS AND ADAPTERS**











|   |    | Order no.   | Description  |  |  |  |  |  |
|---|----|-------------|--|--|--|--|--|--|
| Rotary coupling                                   |    |             |  |  |  |  |  |  |
| Rotary coupling                                   | 1  | 4.401-091.0 | Prevents twisting of high-pressure hoses. Grip protection.             |  |  |  |  |  |
| Rotary coupling; EASY!Lock threading              | 2  | 4.111-021.0 |  |  |  |  |  |  |
| 22 mm Rotary Hose Connector                       | 3  | 4.401-076.0 |  |  |  |  |  |  |
| 22 mm x 3/8 FPT                                   | 4  | 9.802-175.0 |  |  |  |  |  |  |
| Hose Coupling                                     |    |             |  |  |  |  |  |  |
| Combines two 22 mm HP Hoses                       | 5  | 4.403-002.0 | For connecting and extending two high-pressure hoses.                  |  |  |  |  |  |
| Combines two 22 mm HP Hoses; EASY!Lock threading  | 6  | 4.111-037.0 | Brass with rubber protector.   |  |  |  |  |  |
| Large Washer                                      | 7  | 6.362-124.0 |  |  |  |  |  |  |
| Small Washer                                      | 8  | 5.364-129.0 |  |  |  |  |  |  |
| Hose Coupling                                     |    |             |  |  |  |  |  |  |
| Nozzle screws / screw socket                      | 9  | 4.402-022.0 | For attaching high-pressure nozzles and accessories to the trigger gun |  |  |  |  |  |
| Nozzle screws / screw scoket; EASY!Lock threading | 10 | 4.111-022.0 | (with nozzle connector), 1 x M 22 x 1.5 / 1 x M 18 x 1.5.              |  |  |  |  |  |

### **TRIGGER GUNS**



The new Kärcher EASY!Force trigger gun is the most effortless gun, requiring zero effort. Its cruise control like technology uses its own recoil force to hold the trigger down for you, so no more sore hands after hours of use. This revolutionary gun is offered in two versions: the North American EASY!Force trigger gun with standard threads for our North American engineered pressure washers and accessories, and our EASY!Force trigger gun with EASY!Lock threading for our German engineered machines and EASY!Lock accessory system.

The new EASY!Lock connection system allows set-ups that are five times faster than existing systems. A simple 360° turn provides a fully-threaded, secure connection.

|   |          | I                |                      |  |
|---|----------|------------------|----------------------|--|
|   |          |                  |                      |  |
|   |          |                  |                      |  |
|   |          | Order no.        | Flow rate            | Description  |
| EASY!Force trigger gun                            |          |                  |                      |  |
| EASY!Force trigger gun<br>for EASY!Lock threading | 1        | 4.118-005.0      |                      | EASY!Lock threading for EASY!Lock accessory system. EASY!Force trigger gun uses the recoil force of the high-pressure spray to reduce the hold force of the trigger to zero.                   |
| EASY!Force trigger gun<br>North American Model    | 2        | 8.756-481.0 ■    |                      | Standard 1/4" connection for wand and 3/8" connection for hose.<br>EASY!Force trigger gun uses the recoil force of the high-pressure<br>spray to reduce the hold force of the trigger to zero. |
| Easy Press high-pressure gun with holdi           | ng power | reduction (Kärch | er patent)           |  |
| Easy press trigger gun with soft grip             | 3        | 4.775-466.0      |                      | Easy Press Trigger Gun, ID 8, 22 mm screw-type connection.   |
| Easy press trigger gun with soft grip             | 4        | 4.775-463.0      |                      | ID 8, Integrated AVS Connection.   |
| Servo Control                                     |          |                  |                      |  |
| Servo control                                     | 5        | 4.775-526.0      | Less than 3.3 GPM    | Servo control for Easy Press trigger guns (4.775-466.0 or 4.775-463.0)   |
|   | 6        | 4.118-007.0      | Less than 3.3 GPM    | Servo control; EASY!Lock threading   |
|   | 7        | 4.775-470.0      | 3.3 to 4.9 GPM       | Servo control for Easy Press trigger guns<br>(4.775-466.0 or 4.775-463.0)  |
|   | 8        | 4.118-008.0      | 3.3 to 4.9 GPM       | Servo control; EASY!Lock threading   |
|   | 9        | 4.775-471.0      | Greater than 4.9 GPM | Servo control for Easy Press trigger guns<br>(4.775-466.0 or 4.775-463.0)  |
|   | 10       | 4.118-009.0      | Greater than 4.9 GPM | Servo control; EASY!Lock threading   |
| Trigger guns                                      |          |                  |                      |  |
| Trigger Gun                                       | 11       | 4.775-539.0      |                      | ID 8, 22 mm connection   |
| Extended Trigger Gun                              | 12       | 4.775-298.0      |                      | ID 6, Integrated AVS hose connection, without pressure gauge   |
| Extended Softgrip Trigger Gun                     | 13       | 4.775-529.0      |                      | Extended Soft-grip Trigger Gun, ID 6,<br>Integrated AVS hose connection  |
| Soft-grip Trigger Gun Replacement                 | 14       | 4.775-080.0      |                      | Soft-grip Trigger Gun Replacement, ID 6,<br>Integral AVS hose connection   |
| Extended Trigger Gun                              | 15       | 8.754-381.0      |                      | Extended Trigger Gun, 22 mm Male / Male Connectors (used on newer Classic HD direct drive units)   |

























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|   |    |             |           |  |
|   |    |             |           |  |
|   |    | Order no.   | Flow rate | Description  |
| Quick connect                               |    |             |           |  |
| Quick Disconnect                            | 16 | 6.401-458.0 |           |  |
| Quick Disconnect; EASY!Lock threading       | 17 | 2.115-000.0 |           |  |
| 22 mm x 1/4" quick coupler                  | 18 | 9.154-045.0 |           |  |
| 18 mm x 1/4" quick coupler                  | 19 | 9.841-659.0 |           | 18MM x 1/4" QDC Coupler, 4000 PSI / 175  |
| Hardened stainless steel nipple for coupler | 20 | 6.401.459.0 |           |  |
| Trigger gun repair kits                     |    |             | ,         |  |
| Trigger gun repair kit                      | 21 | 2.880-369.0 |           | for 4.775-041.0  |
|   | 22 | 2.880-173.0 |           | for 4.775-012.0; 4.775-010.0 /-015.0 / -017.0  |
|   | 23 | 2.880-463.0 |           | for 4.775-056.0  |
|   | 24 | 2.883-191.0 |           | for 4.775-079.0  |
|   | 25 | 2.883-192.0 |           | for 4.775-080.0  |
|   | 26 | 2.883-888.0 |           | For 4.775-254.0  |
|   | 27 | 4.427-014.0 |           | EASY!Force trigger gun repair kit: manifold complete with full ceramic valve (for gun 4.118-005.0) |
|   | 28 | 4.427-025.0 |           | EASY!Force trigger gun repair kit: manifold complete with full ceramic valve (for gun 8.756-481.0) |
|   | 29 | 2.885-483.0 |           | EASY!Force trigger gun repair kit: spare part lever kit (for guns 8.756-481.0 and 4.118-005.0)     |

## **SPRAY LANCES**



Kärcher standard high-quality stainless steel spray lances, available in various lengths, can be rotated 360° while under pressure. They feature ergonomically shaped grips and large couplings for easy use and insulation. Special spray lances significantly extend the range of uses of high-pressure cleaners.

|   |    | Order no.   | Max working pressure | Length         | Description  |  |  |
|---|----|-------------|----------------------|----------------|--|--|--|
| Non-pivoting spray lance                                      |    |             |                      |                |  |  |  |
| Non-pivoting spray lance                                      | 1  | 4.760-667.0 |                      | 10" / 250 mm   | Stainless steel with manual coupling. With   |  |  |
| Non-pivoting spray wand, 10" / 250 mm;<br>EASY!Lock threading | 2  | 4.112-027.0 |                      |                | extended trigger gun.  |  |  |
| Non-pivoting spray lance                                      | 3  | 4.760-665.0 |                      | 21" / 550 mm   |  |  |  |
| Non-pivoting spray wand, 21" / 550 mm;<br>EASY!Lock threading | 4  | 4.112-024.0 |                      |                |  |  |  |
| Spray lance   | 5  | 9.112-508.0 |                      | 21" / 550 mm   | with Quick Connect Female Threads  |  |  |
|   | 6  | 9.802-220.0 |                      | 21" / 550 mm   | with Quick Connect Male Threads  |  |  |
| Pivoting spray lance  |    |             |                      |                |  |  |  |
| Pivoting spray lance  | 7  | 4.760-664.0 | 4350                 | 24" / 600 mm   | Spray pipes in different lengths, stainless steel  |  |  |
| Pivoting spray wand; EASY!Lock threading                      | 8  | 4.112-007.0 | 4350                 | 24" / 600 mm   | with large manual coupling. Ergonomic handles ensure optimal handling and protection. Rotat-   |  |  |
| Pivoting spray lance  | 9  | 4.760-663.0 | 4350                 | 33.5" / 850 mm | able under pressure by 360°.   |  |  |
| Pivoting spray wand; EASY!Lock threading                      | 10 | 4.112-006.0 | 4350                 | 33.5" / 850 mm |  |  |  |
| Pivoting spray lance  | 11 | 4.760-584.0 | 4350                 | 41" / 1050 mm  | -  |  |  |
| Pivoting spray lance; EASY!Lock threading                     | 12 | 4.112-000.0 | 4350                 | 41" / 1050 mm  |  |  |  |
| Pivoting spray lance  | 13 | 4.760-661.0 | 4350                 | 61" / 1550 mm  |  |  |  |
| Pivoting spray wand; EASY!Lock threading                      | 14 | 4.112-018.0 | 4350                 | 61" / 1550 mm  |  |  |  |
| Pivoting spray lance  | 15 | 4.760-662.0 | 4350                 | 81" / 2050 mm  |  |  |  |
| Pivoting spray wand; EASY!Lock threading                      | 16 | 4.112-021.0 | 4350                 | 81" / 2050 mm  |  |  |  |
| Pivoting spray lance  | 17 | 4.760-691.0 | 4350                 | 24" / 600 mm   |  |  |  |
| Pivoting spray lance  | 18 | 4.760-609.0 | 4350                 | 81" / 2050 mm  |  |  |  |
| Variable pressure spray lance                                 |    | ·           | <u>'</u>             | '              |  |  |  |
| Variable pressure spray lance                                 | 19 | 4.760-362.0 | 4000                 | 26" / 670 mm   | With integral pressure gauge for infinitely variable pressure control on lance, nozzle connection 24 mm x 1.5, chemical feed in low-pressure mode. |  |  |
| Specialty lances  |    |             |                      |                |  |  |  |
| Washroom and gutter lance                                     | 20 | 4.760-073.0 | 4000                 |                | With nozzle insert. Specially shaped for cleaning  |  |  |
| Washroom and gutter wand; EASY!Lock threading                 | 21 | 4.112-029.0 | 4000                 |                | gutters and hygienically cleaning wash rooms. Stainless steel  |  |  |
| Underbody spray lance   | 22 | 4.760.245.0 | 4000                 | 27" / 700 mm   | Mobile; for convenient and effective cleaning of vehicle underbodies and wheel arches. Stainless   |  |  |
| Underbody spray wand; EASY!Lock threading                     | 23 | 4.112-032.0 | 4000                 | 27" / 700 mm   | steel. Nozzle sold separately.   |  |  |
| Gutter cleaning wand; EASY!Lock threading                     | 24 | 2.112-015.0 | 4000                 |                |  |  |  |

## **SPRAY LANCES**



















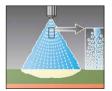


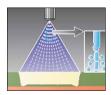


|                                  |    | Order no.   | Description   |
|----------------------------------|----|-------------|---|
| O-ring kits                      |    |             |   |
| For use on Kärcher guns, lances, | 25 | 2.880-154.0 | O-rings package of 3                                      |
| nozzles and more.                | 26 | 2.880-296.0 | O-rings package of 5                                      |
|                                  | 27 | 2.880-208.0 | O-rings package of 20                                     |
|                                  | 28 | 2.880-168.0 | O-rings package of 100                                    |
|                                  |    | 2.880-292.0 | O-rings for Swivel Connections, (5-pack: 2 swivel, 3 std) |
| Repair kits                      |    |             |   |
|                                  | 30 | 2.880-001.0 | EASY!Force lance repair kit: quad-ring sealing (3)        |

### **NOZZLES AND POWER NOZZLES**

The Kärcher Power Nozzle, developed and patented by Kärcher, offers a performance that is distinctly better than that of conventional nozzles. The concentrated spray jet of large coherent droplets is sharp-contoured and increases impact pressure by up to 40%. This produces a considerable improvement in cleaning efficiency. Assuming the same degree of soiling, the Power Nozzle cleans at a much faster rate and, an environmentally friendly benefit, uses less water and cleaning agent. The Power Nozzle's spray jet cleans with the same high-impact pressure over its whole working width. This provides substantially more cleaning power for a given amount of energy.





Regular nozzle

Power nozzle

|                                     |    | Oud         | Name        | Description   |
|-------------------------------------|----|-------------|-------------|---|
| Nozzle adapter                      |    | Order no.   | Nozzle size | Description   |
| Nozzle adapter                      | 1  | 9.315-002.0 |             | 18 mm x 1/4" female. For connecting Kärcher nozzles to non-Kärcher lances.                |
| Nozzle spray angle 0°               |    |             |             |   |
| High-pressure nozzle spray angle 0° | 2  | 2.884-533.0 | 040         | Solid jet for removing extremely stubborn dirt.   |
|                                     | 3  | 2.113-001.0 | 040         | EASY!Lock threading. Solid jet for removing extremely stubborn dirt.                      |
|                                     | 4  | 2.113-033.0 | 045         | EASY!Lock threading. Solid jet for removing extremely stubborn dirt.                      |
|                                     | 5  | 2.884-535.0 | 050         | Solid jet for removing extremely stubborn dirt.   |
|                                     | 6  | 2.113-034.0 | 050         | EASY!Lock threading. Solid jet for removing extremely stubborn dirt.                      |
|                                     | 7  | 2.884-536.0 | 055         | Solid jet for removing extremely stubborn dirt.   |
|                                     | 8  | 2.113-035.0 | 055         | EASY!Lock threading. Solid jet for removing extremely stubborn dirt.                      |
|                                     | 9  | 2.884-537.0 | 060         | Solid jet for removing extremely stubborn dirt.   |
|                                     | 10 | 2.113-036.0 | 060         | EASY!Lock threading. Solid jet for removing extremely stubborn dirt.                      |
|                                     | 11 | 2.884-540.0 | 075         | Solid jet for removing extremely stubborn dirt.   |
|                                     | 12 | 2.884-544.0 | 110         | Solid jet for removing extremely stubborn dirt.   |
| Power nozzie spray angle 15°        |    |             |             |   |
| Power nozzle spray angle 15°        | 13 | 2.883-388.0 | 040         | Flat stream for stubborn contaminations.  |
|                                     | 14 | 2.113-045.0 | 040         | EASY!Lock threading. Flat stream for stubborn contaminations.                             |
|                                     | 15 | 2.883-389.0 | 045         | Flat stream for stubborn contaminations.  |
|                                     | 16 | 2.113-046.0 | 045         | EASY!Lock threading. Flat stream for stubborn contaminations.                             |
|                                     | 17 | 2.883-390.0 | 055         | Flat stream for stubborn contaminations.  |
|                                     | 18 | 2.113-047.0 | 055         | EASY!Lock threading. Flat stream for stubborn contaminations.                             |
|                                     | 19 | 2.883-391.0 | 060         | Flat stream for stubborn contaminations.  |
|                                     | 20 | 2.113-048.0 | 060         | EASY!Lock threading. Flat stream for stubborn contaminations.                             |
|                                     | 21 | 2.883-392.0 | 070         | Flat stream for stubborn contaminations.  |
|                                     | 22 | 2.883-393.0 | 075         | Flat stream for stubborn contaminations.  |
|                                     | 23 | 2.883-394.0 | 080         | Flat stream for stubborn contaminations.  |
|                                     | 24 | 2.113-043.0 | 036         | Power nozzle TR 15036   |
|                                     | 25 | 2.113-062.0 | 030         | Power nozzle TR 1530  |
| Power nozzie spray angle 25°        |    |             |             |   |
| Power nozzle spray angle 25°        | 26 | 2.883-803.0 | 034         | Fan jet nozzle for large area coverage and tackling dirt and stains.                      |
|                                     | 27 | 2.113-000.0 | 034         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
|                                     | 28 | 2.883-821.0 | 036         | Fan jet nozzle for large area coverage and stubborn dirt and contaminations               |

#### **KÄRCHER PARTS & ACCESSORIES**

























| Power nozzle spray angle 25° |  |
|------------------------------|--|



|    | Order no.   | Nozzle size | Description   |
|----|-------------|-------------|---|
|    |             |             |   |
| 29 | 2.113-005.0 | 036         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 30 | 2.883-805.0 | 038         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 31 | 2.113-006.0 | 038         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 32 | 2.883-397.0 | 040         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 33 | 2.113-021.0 | 040         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 34 | 2.883-829.0 | 043         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 35 | 2.113-008.0 | 043         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 36 | 2.883-398.0 | 045         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 37 | 2.113-022.0 | 045         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 38 | 2.883-399.0 | 050         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 39 | 2.113-023.0 | 050         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 40 | 2.883-400.0 | 052         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 41 | 2.113-024.0 | 052         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 42 | 2.883-403.0 | 065         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 43 | 2.113-061.0 | 065         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 44 | 2.885-133.0 | 068         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 45 | 2.113-027.0 | 068         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 46 | 2.883-404.0 | 070         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 47 | 2.113-028.0 | 070         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 48 | 2.883-926.0 | 072         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 49 | 2.113-014.0 | 075         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 50 | 2.883-785.0 | 110         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 51 | 2.113-018.0 | 110         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 52 | 2.885-157.0 | 155         | Fan jet nozzle for large area coverage and tackling stubborn dirt and stains.             |
| 53 | 2.113-030.0 | 155         | EASY!Lock threading. Fan jet nozzle for large area coverage and tackling dirt and stains. |
| 54 | 2.113-061.0 | 065         | Power nozzle TR 25065   |
| 55 | 2.113-071.0 | 032         | Power nozzle TR 25032   |
|    |             |             |   |

#### Power nozzle spray angle 40°

Power nozzle spray angle 40°



| 55 | 2.113-071.0 | 032 | Power nozzle TR 25032   |  |  |  |  |  |
|----|-------------|-----|---|--|--|--|--|--|
|    |             |     |   |  |  |  |  |  |
| 56 | 2.884-522.0 | 040 | Fan jet for high area performance - suitable for sensitive surfaces.                      |  |  |  |  |  |
| 57 | 2.113-003.0 | 040 | EASY!Lock threading. Fan jet for high area performance - suitable for sensitive surfaces. |  |  |  |  |  |
| 58 | 2.884-523.0 | 045 | Fan jet for high area performance - suitable for sensitive surfaces.                      |  |  |  |  |  |
| 59 | 2.113-053.0 | 045 | EASY!Lock threading. Fan jet for high area performance - suitable for sensitive surfaces. |  |  |  |  |  |
| 60 | 2.884-524.0 | 050 | Fan jet for high area performance - suitable for sensitive surfaces.                      |  |  |  |  |  |
| 61 | 2.113-054.0 | 050 | EASY!Lock threading. Fan jet for high area performance - suitable for sensitive surfaces. |  |  |  |  |  |
| 62 | 2.884-525.0 | 055 | Fan jet for high area performance - suitable for sensitive surfaces.                      |  |  |  |  |  |
| 63 | 2.113-055.0 | 055 | EASY!Lock threading. Fan jet for high area performance - suitable for sensitive surfaces. |  |  |  |  |  |
| 64 | 2.884-526.0 | 075 | Fan jet for high area performance - suitable for sensitive surfaces.                      |  |  |  |  |  |
| 65 | 2.113-056.0 | 075 | EASY!Lock threading. Fan jet for high area performance - suitable for sensitive surfaces. |  |  |  |  |  |
| 66 | 2.884-527.0 | 080 | Fan jet for high area performance - suitable for sensitive surfaces.                      |  |  |  |  |  |
| 67 | 2.113-057.0 | 080 | EASY!Lock threading. Fan jet for high area performance - suitable for sensitive surfaces. |  |  |  |  |  |
| 68 | 2.113-064.0 | 150 | Power nozzle TR 40150   |  |  |  |  |  |
|    |             |     |   |  |  |  |  |  |

### **TRIPLE NOZZLES**



Kärcher triple nozzles combine quality, flexibility and cleaning power. The robust and high-quality stainless steel nozzle guarantees a long service life. Choose one of three spray types: 0° high-pressure pencil jet, 25° high-pressure fan jet and 40° low-pressure jet (with cleaning agent suction). The integrated power nozzle contour in the 25° high-pressure fan jet guarantees maximum cleaning power. With the touchless triple nozzle, changeover between 0° pencil jet and 25° fan jet is especially convenient, by simply turning the spray lance.

|  |    | I           |             | I           |   |
|--|----|-------------|-------------|-------------|---|
|  |    |             |             |             |   |
|  |    |             | Max working |             |   |
|  |    | Order no.   | pressure    | Nozzle size | Description   |
| Triple nozzles                         |    |             | 1.          |             |   |
| Triple nozzle 028                      | 1  | 4.767-144.0 | 4350 PSI    | 028         | Manually selectable triple nozzle with stainless  |
| Triple nozzle 031                      | 2  | 4.767-145.0 | 4350 PSI    | 031         | steel nozzle. Robust, durable and non-clogging.  Convenient selection of high-pressure pencil |
| Triple nozzle 032                      | 3  | 4.767-195.0 | 4350 PSI    | 032         | jet (0°), high-pressure fan jet with power  |
| Triple nozzle 032; EASY!Lock threading | 4  | 4.117-027.0 | 4350 PSI    | 032         | nozzle (25°) and low-pressure fan jet (40°). For<br>high-pressure cleaners with hs; low-pres- |
| Triple nozzle 033                      | 5  | 4.767-146.0 | 4350 PSI    | 033         | sure fan jet for cleaning agent removal and   |
| Triple nozzle 034                      | 6  | 4.767-147.0 | 4350 PSI    | 034         | application.  M 18 x 1.5 connection.  |
| Triple nozzle 034; EASY!Lock threading | 7  | 4.117-029.0 | 4350 PSI    | 034         | W 10 X 1.3 CONTRECTION.   |
| Triple nozzle 036                      | 8  | 4.767-148.0 | 4350 PSI    | 036         |   |
| Triple nozzle 038                      | 9  | 4.767-149.0 | 4350 PSI    | 038         | 1   |
| Triple nozzle 040                      | 10 | 4.767-150.0 | 4350 PSI    | 040         | 1   |
| Triple nozzle 040; EASY!Lock threading | 11 | 4.117-033.0 | 4350 PSI    | 040         | 1   |
| Triple nozzle 042                      | 12 | 4.767-151.0 | 4350 PSI    | 042         | 1   |
| Triple nozzle 043                      | 13 | 4.767-152.0 | 4350 PSI    | 043         | 1   |
| Triple jet nozzle 045                  | 14 | 4.767-153.0 | 4350 PSI    | 045         | 1   |
| Triple nozzle 045; EASY!Lock threading | 15 | 4.117-036.0 | 4350 PSI    | 045         | 1   |
| Triple nozzle 050                      | 16 | 4.767-154.0 | 4350 PSI    | 050         | 1   |
| Triple nozzle 050; EASY!Lock threading | 17 | 4.117-037.0 | 4350 PSI    | 050         | 1   |
| Triple nozzle 055; EASY!Lock threading | 18 | 4.117-039.0 | 4350 PSI    | 055         | 1   |
| Triple jet nozzle 060                  | 19 | 4.767-157.0 | 4350 PSI    | 060         | 1   |
| Triple nozzle                          |    |             |             |             |   |
| Triple nozzle                          | 20 | 2.113-004.0 |             | 035         |   |
|  | 21 | 2.113-023.0 |             | 050         |   |
|  | 22 | 2.113-014.0 |             | 075         |   |
|  | 23 | 2.113-017.0 |             | 100         |   |
|  |    |             |             |             |   |

## **TRIPLE NOZZLES**













|                                     | 1  |             |             |                 |  |  |
|-------------------------------------|----|-------------|-------------|-----------------|--|--|
|                                     |    |             |             |                 |  |  |
|                                     |    |             |             |                 |  |  |
|                                     |    | Order no.   | Max working | Nozzle size     | Description  |  |
| Tuinle namela davidhlasa dhanasavan |    | Order 110.  | pressure    | NUZZIE SIZE     | Description  |  |
| Triple nozzle, touchless changeover |    | 4767.004.0  | 4250 PSI    | 004             | Fortunal control of the control of t |  |
| Triple nozzle, touchless changeover | 24 | 4.767-001.0 | 4350 PSI    | 034             | Fast and easy jet changeover by flicking the nozzle. Choice of high-pressure pencil jet or high-pressure fan jet (25°).  |  |
|                                     | 25 | 4.767-065.0 | 4350 PSI    | 050             | with manual changeover to low-pressure fan jet (40°). For  |  |
|                                     | 26 | 4.767-066.0 | 4350 PSI    | 055             | high-pressure cleaners with injectors; low-pressure fan  |  |
|                                     | 27 | 4.767-067.0 | 4350 PSI    | 060             | jet for cleaning agent removal and application. M 18 x 1.5   |  |
|                                     | 28 | 4.767-068.0 | 4350 PSI    | 080             | connection.  |  |
|                                     | 29 | 4.767-069.0 | 4350 PSI    | 120             |  |  |
| Angle vario nozzle 0°-90°           |    |             |             |                 |  |  |
| Angle vario nozzle 0º-90º           | 30 | 4.763-039.0 | 4350 PSI    | 050             | Allows variable adjustment of the high-pressure jet spray angle from 0-90°. This allows easy adaptation to all types of contaminations and surfaces.   |  |
|                                     | 31 | 4.763-058.0 | 4350 PSI    | 055             |  |  |
|                                     | 32 | 4.763-036.0 | 4350 PSI    | 080             |  |  |
|                                     | 33 | 4.113-008.0 | 4350 PSI    |                 | EASY!Lock threading. Allows variable adjustment of the   |  |
|                                     | 34 | 4.113-006.0 | 4350 PSI    |                 | high-pressure jet spray angle from 0-90°. This allows easy adaptation to all types of contaminations and surfaces.   |  |
| Changeover nozzles                  |    |             | -           | <u>'</u>        |  |  |
| Double changeover nozzles           | 35 | 4.764-177.0 | 4350 PSI    | 031, 0° and 25° |  |  |
|                                     | 36 | 4.767-197.0 | 4350 PSI    | 034             |  |  |
|                                     | 37 | 4.767-198.0 | 4350 PSI    | 040             |  |  |
|                                     | 38 | 4.767-199.0 | 4350 PSI    | 045             |  |  |
|                                     | 39 | 4.767-201.0 | 4350 PSI    | 055             |  |  |
|                                     |    |             |             |                 |  |  |

## **ROTARY NOZZLES**



The Kärcher dirt-blaster combines the advantages of pencil jets and fan jets. The nozzle spins at approximately 4,000 rpm to apply a powerful cleaning spray to a large area.







Rotating pencil jet

Pencil jet

Fan jet

|                     |    | T                        | 1           | 1   |  |  |  |  |
|---------------------|----|--------------------------|-------------|---|--|--|--|--|
|                     |    |                          |             |   |  |  |  |  |
|                     |    |                          | Max working |   |  |  |  |  |
|                     |    | Order no.                | pressure    | Nozzle size   | Description  |  |  |  |
| Dirt Blaster, small |    |                          |             | <u>'</u>  |  |  |  |  |
| Dirt Blaster        | 1  | 4.767-229.0              | 2600 PSI    | 030   | Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand<br>Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C.                   |  |  |  |
|                     | 2  | 4.114-018.0              | 2600 PSI    | 030   | EASY!Lock threading. Dirt Blaster - rotating pencil jet - 10 times the cleaning power. Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C.  |  |  |  |
|                     | 3  | 4.767-230.0              | 2600 PSI    | 035   | Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C.                      |  |  |  |
|                     | 4  | 4.114-019.0              | 2600 PSI    | 035   | EASY!Lock threading. Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C  |  |  |  |
|                     | 5  | 4.767-231.0              | 2600 PSI    | 040   | Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand<br>Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C.                   |  |  |  |
|                     | 6  | 4.114-020.0              | 2600 PSI    | 040   | EASY!Lock threading. Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C. |  |  |  |
|                     | 7  |                          |             | Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C. |  |  |  |  |
|                     | 8  | 4.114-021.0 2600 PSI 045 |             | 045   | EASY!Lock threading. Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C. |  |  |  |
|                     | 9  | 4.767-233.0              | 2600 PSI    | 050   | Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand<br>Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C.                   |  |  |  |
|                     | 10 | 4.114-022.0              | 2600 PSI    | 050   | EASY!Lock threading. Dirt Blaster - rotating pencil jet - 10 times the cleaning power . Highest Stand Ceramic nozzle / nozzle and bearing ring . Max . 180 bar / 18 MPa , 60° C. |  |  |  |
| Dirt Blaster, large |    |                          |             |   |  |  |  |  |
| Dirt Blaster        | 11 | 4.114-040.0              | 4350 PSI    | 035   | Dirt blaster - rotating point jet - 10 times the cleaning performance.   |  |  |  |
|                     | 12 | 4.114-041.0              | 4350 PSI    | 040   | Ceramic nozzle / bearing ring provides long service life.  Max. 180 bar / 18 MPa, 60°C.  |  |  |  |
|                     | 13 | 4.114-042.0              | 4350 PSI    | 045   | <u></u>  |  |  |  |
|                     | 14 | 4.114-027.0              | 4350 PSI    | 050   |  |  |  |  |
|                     | 15 | 4.114-036.0              | 4350 PSI    | 055/060   |  |  |  |  |
|                     | 16 | 4.114-030.0              | 4350 PSI    | 070/080   |  |  |  |  |
| Quick connect       |    |                          |             |   |  |  |  |  |
| Quick connect       | 17 | 9.154-023.0              | 2600 PSI    |   | Convert from screw-connect to Quick Connect 18 mm  |  |  |  |
| Dirt Blaster filter |    | •                        |             |   |  |  |  |  |
| Dirt Blaster filter | 18 | 4.730-032.0              |             |   |  |  |  |  |
|                     |    |                          |             |   | •  |  |  |  |

# **ROTARY NOZZLES**











|                          |    | Order no.   | Max working pressure | Nozzle size | Description    |
|--------------------------|----|-------------|----------------------|-------------|----------------|
| Dirt Blaster repair kits |    |             |                      |             |                |
| Dirt Blaster repair kits | 19 | 2.883-473.0 |                      |             | 055/060        |
|                          | 20 | 2.883-471.0 |                      |             | 040            |
|                          | 21 | 2.883-472.0 |                      |             | 050            |
|                          | 22 | 2.883-474.0 |                      |             | 070/080        |
|                          | 23 | 9.302-231.0 |                      |             | 045            |
|                          | 24 | 2.884-114.0 |                      |             | 065            |
|                          | 25 | 2.884-051.0 |                      |             | 100/120        |
|                          | 26 | 2.884-052.0 |                      |             | 035            |
|                          | 27 | 2.883-810.0 |                      |             | 4.763-949/-955 |
|                          | 28 | 2.883-811.0 |                      |             | 4.763-950/-956 |
|                          | 29 | 2.883-813.0 |                      |             | 4.763-952/-958 |
|                          | 30 | 2.884-113.0 |                      |             | 4.763-988.0    |
|                          | 31 | 2.884-114.0 |                      |             | 4.763-989.0    |

# **STEAM JET NOZZLES**















|   |                                       |    | I           |             |  |
|---|---------------------------------------|----|-------------|-------------|--|
| 1   |                                       |    |             |             |  |
| 1   |                                       |    |             |             |  |
| 1    4,766-024.0   055   50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.   |                                       |    | Order no.   | Nozzle size | Description  |
| gravel, de-icing form work, dewaxing vehicles.  2 2.114-001.0 045 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  3 2.885-039.0 050 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  4 2.885-119.0 055 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  5 2.885-049.0 065 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  6 2.114-005.0 065 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  7 2.885-041.0 070 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  8 2.114-006.0 070 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 0 5.394-059.0 090 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle union  Nozzle connector EASYILock threading 13 4.112-011.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Spacer (including nozzle union) | Steam nozzle                          |    | ·           | '           |  |
| e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  3 2.885-039.0 050 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  4 2.885-119.0 055 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  5 2.885-049.0 065 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  6 2.114-005.0 065 EASYLLOck threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  7 2.885-041.0 070 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  8 2.114-006.0 070 EASYLLOck threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  9 2.114-010.0 090 EASYLLOck threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector furbber 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 Uith protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector EASYLLock threading 13 4.112-011.0   |                                       | 1  | 4.766-024.0 | 055         |  |
| gravel, de-icing form work, dewaxing vehicles.  4 2.885-119.0 055 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  5 2.885-049.0 065 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  6 2.114-005.0 065 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  7 2.885-041.0 070 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  8 2.114-006.0 070 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  9 2.114-010.0 090 EASYILock threading, 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle connector 12 5.401-210.0 Dual nozzle holder  Nozzle connector 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASYILock threading 13 4.112-011.0  |                                       | 2  | 2.114-001.0 | 045         |  |
| gravel, de-icing form work, dewaxing vehicles.  5 2.885-049.0 065 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  6 2.114-005.0 065 EASYILock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  7 2.885-041.0 070 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  8 2.114-006.0 070 EASYILock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  9 2.114-010.0 090 EASYILock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 Dual nozzle holder  With protector for high-pressure and power nozzles M 18 x 1.5.  Spacer (including nozzle union)  |                                       | 3  | 2.885-039.0 | 050         |  |
| gravel, de-icing form work, dewaxing vehicles.  6 2.114-005.0 065 EASYILock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  7 2.885-041.0 070 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  8 2.114-006.0 070 EASYILock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  9 2.114-010.0 090 EASYILock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASYILock threading 13 4.112-011.0  Spacer (including nozzle union)  |                                       | 4  | 2.885-119.0 | 055         |  |
| e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  7   |                                       | 5  | 2.885-049.0 | 065         |  |
| gravel, de-icing form work, dewaxing vehicles.  8 2.114-006.0 070 EASY!Lock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  9 2.114-010.0 090 EASY!Lock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 Dual nozzle holder  Spacer (including nozzle union)  With protector for high-pressure and power nozzles M 18 x 1.5.   |                                       | 6  | 2.114-005.0 | 065         |  |
| e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  9 2.114-010.0 090 EASY!Lock threading. 50° fan jet for cleaning and thawing in steam mode, e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0 Spacer (including nozzle union)   |                                       | 7  | 2.885-041.0 | 070         |  |
| e.g. thawing sand and gravel, de-icing form work, dewaxing vehicles.  Nozzle protector for steam nozzle  Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0  Spacer (including nozzle union)   |                                       | 8  | 2.114-006.0 | 070         |  |
| Nozzle protector (rubber) 10 5.394-059.0 Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0.  Dual nozzle holder  Dual nozzle holder 11 4.764-012.0 Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0 Spacer (including nozzle union)   |                                       | 9  | 2.114-010.0 | 090         |  |
| Dual nozzle holder  Dual nozzle holder  11 4.764-012.0 Dual nozzle holder  Nozzle union  Nozzle connector 12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0 Spacer (including nozzle union)   | Nozzle protector for steam nozzle     |    | '           | ,           |  |
| Dual nozzle holder  Nozzle union  Nozzle connector  12 5.401-210.0  With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0  Spacer (including nozzle union)   | Nozzle protector (rubber)             | 10 | 5.394-059.0 |             | Nozzle protection for steam jet nozzles 4.766-023.0 and 4.766-024.0. |
| Nozzle union  Nozzle connector  12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0  Spacer (including nozzle union)  | Dual nozzle holder                    |    |             |             |  |
| Nozzle connector 12 5.401-210.0 With protector for high-pressure and power nozzles M 18 x 1.5.  Nozzle connector; EASY!Lock threading 13 4.112-011.0  Spacer (including nozzle union)   | Dual nozzle holder                    | 11 | 4.764-012.0 |             | Dual nozzle holder   |
| Nozzle connector; EASY!Lock threading 13 4.112-011.0  Spacer (including nozzle union)   | Nozzle union                          |    |             |             |  |
| Spacer (including nozzle union)   | Nozzle connector                      | 12 | 5.401-210.0 |             | With protector for high-pressure and power nozzles M 18 x 1.5.       |
|   | Nozzle connector; EASY!Lock threading | 13 | 4.112-011.0 |             | <u></u>  |
| Spacer (incl. nozzle union) 14   5.394-294.0   Spacer with nozzle connector - firs 18 mm lance connections  | Spacer (including nozzle union)       |    |             |             |  |
|   | Spacer (incl. nozzle union)           | 14 | 5.394-294.0 |             | Spacer with nozzle connector - firs 18 mm lance connections          |

## **PIPE CLEANING**











|  |       | Order no.        | Max working pressure | Nozzle size | Diameter | Description   |
|--|-------|------------------|----------------------|-------------|----------|---|
| Pipe cleaning hose   | -     |                  |                      | 1100000     |          |   |
| Pipe cleaning hose, ID 6, 30 m, 100 ft.                        | 1     | 6.390-029.0      | 1740 PSI             |             |          | Extremely flexible high-pressure hose                             |
| Pipe cleaning hose, ID 6, 20 m, 66 ft.;<br>EASY!Lock threading | 2     | 6.110-008.0      | 2900 PSI             |             |          | for cleaning inside pipes (threaded connection for R 1/8 nozzle). |
| Pipe cleaning nozzles  |       |                  |                      | 1           | ,        |   |
| Pipe cleaning nozzle   | 3     | 5.763-015.0      |                      | 055         | 16 mm    | With R 1/8" fitting for attachment                                |
| 3 x 30° backwards  | 4     | 5.763-017.0      |                      | 050         | 30 mm    | to pipe cleaning hose.  |
|  | 5     | 5.763-021.0      |                      | 070         | 30 mm    |   |
| Pipe cleaning nozzle<br>1 x forward, 3 x 30° backwards         | 6     | 5.763-016.0      |                      | 060         | 16 mm    | With R 1/8" fitting for attachment to pipe cleaning hose.         |
| 1 X Ioi Ward, 3 X 30 Backwards                                 | 7     | 5.763-020.0      |                      | 065         | 16 mm    | to pipe creating rose.  |
| Rotating jets  |       |                  | 1                    | 1           |          |   |
| 4 rotating jets  | 8     | 6.415-428.0      |                      | 050         | 16 mm    | With R 1/8" fitting for attachment                                |
|  | 9     | 6.415-440.0      |                      | 065         | 16 mm    | to pipe cleaning hose.  |
| Brass nozzles - direct connections to 22                       | mm hi | gh-pressure hose |                      | •           | ,        |   |
| Brass nozzles - direct connections to 22 mm high-pressure hose | 10    | 5.763-011.0      |                      |             |          | Brass nozzle, 830 PSI / 3.5 GPM - direct connects to 22 mm        |
|  | 11    | 5.763-013.0      |                      |             |          | Brass nozzle, 800 PSI / 5.3 GPM - direct connects to 22 mm        |

## **SURFACE CLEANERS**

Surface cleaners offer a massive area performance and clean without splashing. They come with a plastic and stainless steel hood for hot water cleaning applications.

|   | _  | T           | 1            |          |  |
|---|----|-------------|--------------|----------|--|
|   |    |             |              |          |  |
|   |    | Order no.   | Flow rate    | Diameter | Description  |
| urface Cleaner FR Classic   |    |             |              |          |  |
| Surface Cleaner FR Classic; EASY!Lock<br>hreading - nozzles sold separately           | 1  | 2.111-016.0 | 2.6 GPM      | 12"      | The entry-level model of Kärcher Hard surface cleaner for the splash-proof cleaning of surfaces in indoor and out-   |
| iurface Cleaner FR Classic DIY -<br>ncludes nozzle kit                                | 2  | 2.111-017.0 | 2.6 GPM      | 12"      | door applications. Nozzle kit has to be ordered separately.  Max. 150 bar / 600 l / h / 40°C .   |
| lard surface cleaner FR TR 30 ME  |    | '           |              | _        |  |
| Hard surface cleaner FR TR 30 ME;<br>EASY!Lock threading -<br>nozzles sold separately | 3  | 2.111-013.0 |              | 12"      | The FR TR 30 ME hard surface cleaner is an indispensable accessory for efficient and economical professional cleaning – both indoor and outdoor. Rotating Power Nozzles, protected by a stainless steel housing, boost your cleaning coverage area by a factor of 10!  With the FR TR 30 ME, you save time and achieve perfectly uniform results without splashing or getting wet. Equipped with an integrated vacuum connection, the FR TR 30 ME is ideal for cleaning indoor areas that would be impractical with other surface cleaners. Wall cleaning is just as convenient thanks to ergonomic handles and direct connection to a trigger gun. Use with both cold and hot water pressure washers. The versatility of the FR TR 30 ME is appreciated in workshops and industrial kitchens, as well as by contract cleaners and municipalities.  Maximum pressure: 3625 PSI |
|   |    |             |              |          | Max temperature: 175° F  |
| lard surface cleaner FR 50 ME   | 1. | L           | 1            | 1        | 1  |
| -lard surface cleaner FR 50 ME;<br>EASY!Lock threading                                | 4  | 2.111-023.0 |              | 20"      | With a 20" cleaning area, the FR 50 ME provides a greatly increased coverage area to make quick work of bigger cleaning jobs. The rotating nozzle beam has a swivel joint with ceramic bearings, and is built with a durable rust-free stainless steel housing that connects directly to standard Kärcher trigger guns. The unit's handle design and three non-marking casters ensure easy operation. Detergents can be added through a low pressure valve. Use with Kärcher Power Nozzles (sold separately) for the most thorough and uniform cleaning possible.  |
|   |    |             |              |          | Maximum pressure: 3625 PSI Max temperature: 175° F   |
| Machine-specific nozzle kit for FR  |    |             |              |          |  |
| ozzle packet for surface cleaners   | 5  | 2.640-482.0 | 1.9-2.1 GPM  |          | Unit specific nozzle kit: Kärcher power nozzle for   |
| ozzles sold separately  | 6  | 2.640-401.0 | 2.2-2.9 GPM  |          | surface cleaners.  |
|   | 7  | 2.639-187.0 | 2.9-4.0 GPM  |          |  |
|   | 8  | 2.640-442.0 | 4.0-4.9 GPM  |          |  |
|   | 9  | 2.639-188.0 | 4.8-5.7 GPM  |          |  |
|   | 10 | 2.640-781.0 | 5.7-7.9 GPM  |          |  |
|   | 11 | 2.640-282.0 | 8.0-9.7 GPM  |          |  |
|   | 12 | 2.885-436.0 | 0.0 5.7 GI W |          | Nozzle packet for FR Classic, FR Classic DIY, Pro HD 400   |
|   | 13 | 2.885-313.0 |              |          | and 600  Nozzle packet for FR Classic, Pro HD 400  |
|   |    |             |              |          | <u> </u>   |
| dantana   | 14 | 2.885-312.0 |              |          | Nozzle packet for FR Classic   |
| Adapters<br>Adaptor to connect gun directly to FR 30                                  | 15 | 4.402-022.0 |              |          |  |
| Adaptor to connect gun directly to FR   | 16 | 4.111-038.0 |              |          |  |
| 30; EASY!Lock threading   | 10 |             |              |          |  |

# **SURFACE CLEANERS WITH SUCTION**



























|  |       | 1           |             | 1        |   |
|--|-------|-------------|-------------|----------|---|
|  |       |             |             |          |   |
|  |       |             |             |          |   |
|  |       | Order no.   | Flow rate   | Diameter | Description   |
| Hard surface cleaner FRV 30  |       |             |             |          |   |
| Hard surface cleaner FRV 30;<br>EASY!Lock threading -<br>nozzles sold separately | 17    | 2.111-010.0 |             | 12"      | FRV 30 with integrated, automatic dirty water pickup makes cleaning even more efficient – suitable for indoor and outdoor use. Rinsing after cleaning is unnecessary as the dirty water can be conveniently removed with the supplied 5 m suction hose. Non-marking swivel castors and double ceramic bearings are further quality features. Order unit-specific nozzle kit separately. |
| Extension hose   | 18    | 4.440-939.0 |             |          | 5 m, includes adapter   |
| Adapter  | 19    | 4.402-022.0 |             |          | 18 mm x 22 mm Adaptor to connect gun directly to FR30   |
| Adapter; EASY!Lock threading   | 20    | 4.111-022.0 |             |          |   |
| Dirt Trap  | 21    | 2.642-532.0 |             |          | Galvanized steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.  |
| Suction cup kit for extension hose   | 22    | 2.642-528.0 |             |          | Suction cup for fixing the suction hose to smooth surfaces.   |
| Extension hose   | 23    | 4.441-040.0 |             |          | Extension suction hose, 16' with coupling (fits FRV 30 Me)  |
| Machine-specific nozzle kit for FRV  |       |             |             |          |   |
| Nozzle packet for surface cleaners<br>nozzles sold separately                    | 24    | 2.642-430.0 | 1.9-2.1 GPM |          | Unit specific nozzle kit: Kärcher power nozzles and venturi   |
|  | 25    | 2.642-431.0 | 2.2-2.9 GPM |          | nozzle for FRV 30.  |
|  | 26    | 2.642-432.0 | 2.9-4.0 GPM |          |   |
|  | 27    | 2.642-433.0 | 4.0-4.9 GPM |          |   |
| Hard surface cleaner FRV 50 ME   |       |             |             |          |   |
| Hard surface cleaner FRV 50 ME   | 28    | 2.643-598.0 |             |          | Hard surface cleaner FRV 50 ME  |
| Hard surface cleaner FRV 50 ME;<br>EASY!Lock threading                           | 29    | 2.111-024.0 |             |          | Hard surface cleaner FRV 50 ME; EASY!Lock threading   |
| FRV 50 Me suction hose   | 30    | 4.441-078.3 |             |          |   |
| FRV 50 Me extension hose   | 31    | 4.441-040.0 |             |          |   |
| FRV 50 Me attachment kit hose clamp  | 32    | 2.642-528.0 |             |          |   |
| FRV 50 Me kit mud  | 33    | 2.642-532.0 |             |          |   |
| Power Nozzie for Hard surface cleane   | r FRV | 50 ME       |             |          |   |
| Power nozzle   | 34    | 2.642-430.0 |             |          | FRV 50 Me power nozzle 035  |
|  | 35    | 2.642-431.0 |             |          | FRV 50 Me power nozzle 040  |
|  | 36    | 2.642-432.0 |             |          | FRV 50 Me power nozzle 045  |
|  | 37    | 2.642-433.0 |             |          | FRV 50 Me power nozzle 050  |
|  | 38    | 2.642-982.0 |             |          | FRV 50 Me power nozzle 080  |

## **WET BLASTING ATTACHMENTS**



The wet blasting attachment fits easily on Kärcher high-pressure cleaner spray lances. The abrasive is sucked up into the water jet and applied with a powerful abrasive action. Ideal for removing rust, scale and paint from components as well as graffiti.







|   |    | Order no.   | Nozzle size | Description   |  |  |
|---|----|-------------|-------------|---|--|--|
| Wet blasting attachment (without nozzle)                |    |             | ,           | _   |  |  |
| Wet blasting attachment with flow control               |    | 4.762-010.0 |             | Adds abrasive to high-pressure jet. For removing paint, rust, scaling, Fits on spray lance in place of HP nozzle. With— |  |  |
| Wet blasting attachment with flow control; EASY!Lock    | 2  | 4.115-000.0 |             | flow control. (Without nozzles)   |  |  |
| Wet blasting attachment without flow control            | 3  | 4.762-022.0 |             | Adds abrasive to high-pressure jet. For removing paint, rust, scaling, Fits on spray lance in place of HP nozzle.       |  |  |
| Wet blasting attachment without flow control; EASY!Lock | 4  | 4.115-006.0 |             | Without flow control. (Nozzles not included)  |  |  |
| Nozzle pack for wet blasting attachment                 |    |             | 1           |   |  |  |
| Nozzle kit for wet blasting attachment                  | 5  |             |             | Consisting of wet blasting nozzle and nozzle insert - use   |  |  |
|   | 6  | 2.637-900.0 | 040         | in conjunction with wet blasting attachment (4.762-010.0 / -022.0)  |  |  |
|   |    | 2.637-901.0 | 045         |   |  |  |
|   |    | 2.637-902.0 | 050         |   |  |  |
|   |    | 2.637-903.0 | 055         |   |  |  |
|   |    | 2.637-904.0 | 060         |   |  |  |
|   |    | 2.112-021.0 | 0035        |   |  |  |
|   |    | 2.112-019.0 | 0040        |   |  |  |
|   |    | 2.112-022.0 | 0045        |   |  |  |
|   |    | 2.112-023.0 | 0050        |   |  |  |
|   |    | 2.112-024.0 | 0055        |   |  |  |
|   |    | 2.112-025.0 | 0060        |   |  |  |
|   |    | 2.112-026.0 | 0065        |   |  |  |
| Nozzle kit - sand nozzle only                           | 12 | 5.769-011.0 |             |   |  |  |
| Boron carbide nozzle                                    |    |             |             |   |  |  |
| Boron carbide nozzle                                    | 13 | 6.415-084.0 | 6 mm        | In addition to nozzle packs. Highly wear-resistant blasting   |  |  |
|   |    | 6.415-083.0 | 8 mm        | nozzle with boron carbide lining for continuous use.  |  |  |

## **FOAM SYSTEMS AND CLEANING AGENT INJECTORS**

|   |   | Order no.   | Flow rate | Description   |
|---|---|-------------|-----------|---|
| Inno Foam kit   |   |             |           |   |
| Inno Foam System, for models that dispense detergent at low pressure. (Purchase nozzle insert separately)                       | 1 | 2.640-151.0 |           | Kärcher's complete, ready-to-use high pressure foaming system is a twin spray lance and precision chemical injection system. The patent-pending dual spray lance provides a multitude of functions for many washing |
| Inno Foam System, for models that dispense detergent at low pressure; EASY!Lock threading. (Purchase nozzle insert separately)  | 2 | 2.112-000.0 |           | applications.  Apply a thick layer of foam using the Inno foam nozzle, then switch easily to high pressure for clear rinsing. The dual lance can be equipped with your choice of high                               |
| Inno Foam System, for models that dispense detergent at<br>high pressure. (Purchase nozzle insert separately)                   | 3 | 2.640-692.0 |           | pressure nozzles.  The chemical injection system provides precise detergent metering (0-5% concentration), providing faster and more consistent results using the optimum amount of detergent.                      |
| Inno Foam System, for models that dispense detergent at high pressure; EASY!Lock threading. (Purchase nozzle insert separately) | 4 | 2.112-008.0 |           | Lance Length: 25.6"  Maximum Pressure: 3700 PSI  Maximum Flow Rate: 5.8 GPM  Maximum Temperature: 176°F   |

# FOAM SYSTEMS AND CLEANING AGENT INJECTORS (CONTINUED)



























|   | 1  | T           | 1             | T  |
|---|----|-------------|---------------|--|
|   |    |             |               |  |
|   |    | Order no.   | Flow rate     | Description  |
| Easy Foam Set   | 1  | ı           | 1             |  |
| Easy Foam Set with RM injector  | 5  | 2.640-691.0 |               | Easy Foam System, for models that dispense detergent at low pressure (purchase nozzle insert separately)   |
| Easy Foam Set with RM injector; EASY!Lock threading   | 6  | 2.112-010.0 |               | low pressure (porchase nozzie insert separatery)   |
| Easy Foam Set   | 7  | 2.640-693.0 |               | Easy Foam System, for models that dispense detergent at high pressure. (Purchase nozzle insert separately)   |
| Easy Foam Bottle  |    |             |               |  |
| Easy Foam bottle for EASY!Lock threading  | 8  | 2.112-017.0 |               | Nozzle size 025, for machines with Servo Control function  |
|   | 9  | 2.112-018.0 |               | Nozzle size 042, for machines without Servo Control function   |
| Foam Nozzle Inserts for Inno / Easy Sets  | 1  | <u> </u>    |               |  |
| Foam nozzle inserts; EASY!Lock - nozzles sold separately  | 10 | 2.111-009.0 | 2.2-2.6 GPM   |  |
| Foam nozzle inserts - nozzles sold separately   | 11 | 2.640-687.0 | 2.7-3.0 GPM   | _  |
| Foam nozzle inserts; EASY!Lock - nozzles sold separately  | 12 | 2.111-018.0 | 2.7-3.0 GPM   | _  |
| Foam nozzle inserts - nozzles sold separately   | 13 | 2.640-688.0 | 3.1-4.4 GPM   | 1  |
| Foam nozzle inserts; EASY!Lock - nozzles sold separately  | 14 | 2.111-019.0 | 3.1-4.4 GPM   | _  |
| Foam nozzle inserts - nozzles sold separately   | 15 | 2.640-689.0 | 4.5-5.8 GPM   | _  |
| Foam nozzle inserts; EASY!Lock - nozzles sold separately  | 16 | 2.111-020.0 | 4.5-5.8 GPM   | _  |
| Foam nozzle mounting kit  |    |             |               |  |
| Foam nozzle attachment kit; EASY!Lock threading   | 17 | 2.112-013.0 |               | For applying foam detergent in metered quantities in sanitary and food areas, or where long reaction time is needed. Fits all units and mounts to spray lance in place of HP nozzle. |
| High-pressure detergent injector  |    | •           | •             |  |
| High-Pressure Detergent Injector  | 18 | 3.637-170.0 |               | Cleaning agent dosage at high-pressure 3-5%  |
| High-Pressure Detergent Injector; EASY!Lock threading   | 19 | 4.637-033.0 |               | _  |
| Cleaning agent injector for high and low pressure (without nozzles, downstream)                         | 20 | 3.637-001.0 |               | Dosage of detergents. Separately from the machine in low and high pressure. Dosage up to 15%.  |
| Cleaning agent injector for high and low pressure;<br>EASY!Lock threading (without nozzles, downstream) | 21 | 4.637-032.0 |               |  |
| Machine-specific nozzle kits with order no. 3.637-170.0   |    |             |               |  |
| Nozzle Kit - HD units   | 22 | 4.769-045.0 | 2.2-3.0 GPM   |  |
| Nozzle Kit - HDS units  | 23 | 4.769-046.0 | 2.2-3.0 GPM   |  |
| Nozzle Kit - HD and HDS units   | 24 | 4.769-047.0 | 3.3-4.4 GPM   |  |
| Nozzle Kit - HD and HDS units   | 25 | 4.769-048.0 | 4.4-5.3 GPM   |  |
| Machine-specific nozzle kits with order no. 3.637-001.0   |    |             |               |  |
| High-pressure nozzle insert   | 26 | 4.769-003.0 | up to 4.9 GPM |  |
| High-pressure nozzle insert   | 27 | 4.769-002.0 | 4.9+ GPM      |  |
| Low-pressure nozzle insert  | 28 | 4.769-001.0 | up to 4.9 GPM |  |
| Low-pressure nozzle insert  | 29 | 4.769-006.0 | 4.9+ GPM      |  |

# **OTHER ACCESSORIES**













| m'  |    | Order no.   | Description   |
|---|----|-------------|---|
| Fine-mesh water filter Fine-mesh water filter, 100 µm, R 3/4" | 1  | 2.637-691.0 | For connection to unit inlet, 100 µm.                                   |
| Water fine filter, 90-120 µm, R 1"                            | 2  | 2.638-255.0 | Fits on unit, suitable for pressure and suction, 90-120 µm.             |
| Fine-mesh water filter with adapter                           | 3  | 4.730-102.0 | Connects to unit, 125 µm, with R 3/4" / 1" adapter.                     |
| Fine-mesh water filter, 100 µm, R 1"                          | 4  | 2.638-270.0 | For connection to unit inlet, 100 µm.                                   |
| Suction filter  |    | 2.000 270.0 | To connection to one med, 200 pm.                                       |
| Suction filter with check valve                               | 5  | 4.730-012.0 |   |
| HDS GHF x mm Screw Union                                      | 6  | 4.401-073.0 |   |
| HD GHF x mm Screw Union (plastic)                             | 7  | 4.401-059.0 |   |
| 18 mm (F) x 22 mm (M) Adapter;                                | 8  | 4.402-022.0 |   |
| EASY!Lock threading   |    |             |   |
| 22 mm x 3/8 QC  | 9  | 9.154-045.0 |   |
| Flue pipe   |    |             |   |
| 4.75" (120 mm) outlet   | 10 | 4.656-149.0 | HDS 1.7/12 U Ed; HDS Compact; HDS 1000 BE/DE; HDS Mid-Class (2005-2011) |
| 6.25" (158 mm) outlet   | 11 | 4.656-079.0 | HDS Full Size Units   |
| 7.9" (200 mm) outlet  | 12 | 4.656-080.0 | HDS 1.7/12 U Ed; HDS  |
| 8", 12V DC, Barometric Dampener                               | 13 | 8.717-764.0 |   |
| 10", 12V DC, Power Dampener                                   | 14 | 8.749-806.0 |   |
| 12", 12V DC, Power Dampener                                   | 15 | 8.753-171.0 |   |
| 8", Round   | 16 | 8.717-728.0 |   |
| 10", Round  | 17 | 9.801-040.0 |   |
| 12", Round  | 18 | 8.717-730.0 |   |
| 10", Exhaust Stack, Cap                                       | 19 | 8.717-731.0 |   |
| 12", Exhaust Stack, Cap                                       | 20 | 8.717-732.0 |   |
| 8" without Stack, new style kit                               | 21 | 8.903-430.0 |   |
| 8" without Stack, new style                                   | 22 | 8.717-745.0 |   |
| Detergent injectors   |    |             |   |
| Injector, 1-2 GPM, 0.057                                      | 23 | 8.709-404.0 | Brass Housing with Stainless Steel nipple                               |
| Injector, 2-3 GPM, 0.070                                      | 24 | 9.802-215.0 | 3500 or 5000 PSI Non-Adjustable Metering Viton Seals                    |
| Injector, 3-5 GPM, 0.083                                      | 25 | 9.802-216.0 | Rated up to 190°F/ 88°C   |
| Injector, 3-5 GPM, 0.083, 5,000 PSI                           | 26 | 9.802-217.0 | 3/8" Q/C Inlet/Outlet   |
| Injector Assembly, 1-2 GPM, 0.057                             | 27 | 8.904-464.0 | <u></u>   |
| Injector Assembly, 2-3 GPM, 0.070                             | 28 | 8.929-062.0 | <u></u>   |
| Injector Assembly, 3-5 GPM, 0.083                             | 29 | 9.802-225.0 | <u></u>   |
| Injector Assembly, 3-5 GPM, 5,000 PSI                         | 30 | 9.802-226.0 | <u></u>   |
| Injector Repair Kit   | 31 | 8.704-199.0 | <u></u>   |
|   |    |             |   |

# **OTHER ACCESSORIES**















|  |      | Order no.    | Description   |
|--|------|--------------|---|
| Voltage regulator                                  |      | 1            |   |
| 25 Amp, 15 Volt                                    | 1    | 9.802-531.0  |   |
| Switches   |      |              |   |
| Reed switch - HDS Compact Range                    | 2    | 2.883-477.0  | HDS 1.7/12 U Ed; HDS 500 Ci; HDS 600 Ci; HDS 900 Ci   |
| Reed switch - HDS Classic Full Size                | 3    | 2.880-000.0  | (2005-2011)   |
| Reed switch - HDS Classic Skids                    | 4    | 2.880-194.0  | HDS 1000 BE/DE; HDS 801 B; HDS 745; HDS 895; HDS 945; HDS 1000; HDS 1055; HDS 1195              |
| Reed switch - HDS Classic Full Size                | 5    | 2.885-240.0  | (2012 Forward)  |
| On/off rotary switch, 115-230V                     | 6    | 9.802-449.0  | 1PH 3-position  |
| On/off rotary switch, 230/460V                     | 7    | 8.716-027.0  | 3PH 3-position  |
| On/off rotary switch, 120-600V                     | 8    | 9.802-450.0  | 1-3PH 2-position  |
| Adjustable thermostat switch/discharge             | 9    | 8.750-094.0  | 150°C/302°F, 2 meter capillary  |
| Adjustable thermostat switch/discharge             | 10   | 8.750-095.0  | 120°C/240°F, 2 meter capillary  |
| Adjustable thermostat switch, 300°                 | 11   | 9.802-285.0  |   |
| Kärcher 500 flow switch                            |      |              |   |
| Vertical mount only                                | 13   | 8.712-244.0  | Tough, impact-resistant, glass-reinforced, nylon housing. Tungsten contact reed switch.         |
| Mount in any position (gray)                       | 14   | 8.933-006.0  | Heavy-duty machine brass internals. Viton seals. For solenoid control only.1-8 GPM.  4350 PSI.  |
| Reed switch only (2-wire)                          | 15   | 9.803-266.0  | 3/8" FPT Inlet / Outlet. 190°F. 1 Amp switch. 2 Wire Reed. 63" wire length.                     |
| <u> </u>   | 15   | 3.003 200.0  |   |
| Float tanks  | ا مد | 1 0 000 0040 | 25 - 11 - 20 - 42 4/2" - 5" 11 - 2/45" d - 11 - 12 - 12 - 12 - 12 - 12 - 12 -                   |
| NG/LPG Float Tank, Universal Plastic<br>Float Tank | 16   | 9.802-084.0  | 3.5 gallon capacity. 22" x 13-1/2" x 5". Heavy 3/16" durable plastic. Convenient mounting tabs. |
| Lid & Hinges for 9.802-084.0                       | 17   | 8.912-233.0  |   |
| Fuel tanks   | 1,   | 0.312 233.0  |   |
| Fuel Tank, 5 Gallon Black                          | 18   | 9.802-079.0  | Rugged fill neck cap with vent  |
| Fuel Tank, 6 Gallon Black                          | 19   | 9.802-079.0  | 1055co ili neck cup with vent   |
| Fuel Tank, 8 Gallon Black                          | 20   | 8.706-615.0  |   |
| Fuel Tank, 8 Gallon Black                          | 20   | 9.802-089.0  | <del></del>   |
| Fuel caps  | 21   | 5.002-009.0  |   |
|  | 22   | 0.002 536.0  |   |
| Cap, 14" with Fuel Gauge, Red                      |      | 9.803-536.0  |   |
| Cap, 14" with Fuel Gauge, Black                    | 23   | 9.803-535.0  |   |
| Plastic dip tube assembly                          | ١.,  |              | 1   |
| Diptube, Plastic, 10" HDS Classic Skid             | 24   | 9.803-531.0  |   |
| Diptube, rubber bushing                            | 25   | 9.802-053.0  |   |

# **AXIAL PUMPS, REPAIR KITS AND TOOLS**



Kärcher's commercial-duty 3-piston axial pumps are simple, efficient, and very reliable and have fewer moving parts compared to crank-case and piston type pumps.

These proprietary pumps are engineered for long life with features like brass cylinder heads, ceramic pistons, and stainless steel valves. Kärcher's combined pump/motor units run cooler due to their unique water cooled design. And they use less power thanks to a unique drive center and wobble plate design.

Kärcher pumps feature a soft-dampening system to reduce pulsations in the high pressure system, increasing the service life of high pressure components.

|   | Order no.                  | Shaft  | GРM            | PSI            | RPM               |
|---|----------------------------|--|----------------|----------------|-------------------|
| Kärcher axial pumps   | Order no.                  | Julian   | GFW            | FJI            | KFW               |
|   | 9.120-021.0                | 3/4"   | 2.6            | 3000           | 3400              |
|   | 9.120-020.0                | 5/8"   | 2.6            | 3000           | 3400              |
| Geared reduction for Kärcher pumps                                      | <u> </u>                   | _  |                |                |                   |
|   | 8.715-342.0                | 1" engine s<br>gear ratio,   |                | pump shaft, 13 | 39.3 oz., 2.176:1 |
| Unloader valves   |                            |  |                |                |                   |
|   | 9.802-362.0                | PA VBB wi  | th switch (N/0 | <u>-</u>       |                   |
|   | 9.803-899.0                | VBA35 for  | Kärcher KG, F  | KD, and KE pur | mps               |
|   | 8.715-508.0                | VRXI 13 (  | GPM @ 3000 I   | PSI knoh       |                   |
|   | 8.753-028.0                |  | (ärcher KD an  |                |                   |
|   | 0.755-026.0                | KE pumps   | GICIEI ND AII  | u              |                   |
|   | 9.803-900.0                | VBA35 for Kärcher KM and   |                |                |                   |
|   | 8.753-011.0                | KS pumps   |                |                |                   |
|   |                            | VB56 for Kärcher KM and LS pumps   |                |                |                   |
|   | 8.753-010.0<br>8.715-502.0 | VB56 with 1/8" Bore for Easy Start  HM DX Unset (921462)                               |                |                |                   |
| Discharge manifold / rupture disk                                       | 8.715-302.0                | HIVI DX UII  | 561 (321402)   |                |                   |
| Coil Outlet Discharge Manifold  | 9.149-003.0                | Drovents d   | angerous the   | rmal evnancior | of water in the   |
| Rupture Disk, 8000 PSI, Red   | 8.725-944.0                | Prevents dangerous thermal expansion of water in the coil and ensures operator safety. |                |                |                   |
| Rupture Disk, 5000 PSI, Blue  | 9.151-014.0                |  |                |                |                   |
| Rupture Disk Spacer   | 9.184-030.0                |  |                |                |                   |
| Safety system pistons   | 3.10 1 030.0               |  |                |                |                   |
| Magnetic Pistons (HDS units to 2005)                                    | 4.553-022.0                | Used for lo  | w-water prot   | ection.        |                   |
| Brass Pistons (HDS 1000 BE/DE)  | 4.553-213.0                |  |                |                |                   |
| Pump installation tools   |                            |  |                |                |                   |
| To press in valve seat (5.581-143.0) on HDS 745, 945, 1000, 1055, 1195. | 2.901-036.0                | 12 mm  |                |                |                   |
|   | 2.901-033.0                | 18 mm  |                |                |                   |
|   | 2.901-015.0                | 20 mm - H  | IDS 801E, 945  | 5,1090         |                   |
|   | 2.901-018.0                | 22 mm - H  | IDS 1195       |                |                   |
| Valve seat installation tool  |                            |  |                |                |                   |
| HDS Classic Full Size - prior 2005; to press in valve seat              | 5.901-126.0                | (5.581-143   | 3.0) on HDS 7  | 45, 945, 1000, | , 1055, 1195      |
| HDS Classic Full Size - 2005+; to press in valve seat                   | 5.901-162.0                | (5.581-143   | 3.0) on HDS 7  | 45, 945, 1000, | , 1055, 1195      |
| Valve seat removal tool   |                            |  |                |                |                   |
|   | 5.901-125.0                | HDS Classi   | c Full Size    |                |                   |
|   | 5.901-161.0                | HDS Classi   | c - 2012       |                |                   |

# **AXIAL PUMPS, REPAIR KITS AND TOOLS (CONTINUED)**

|                      | Pump kit    | Model part no |
|----------------------|-------------|---------------|
| HD electric models   | 1 omp nic   | model part no |
| HD 1.8/13 C Ed       | 2.883-997.0 | 1.514-111.0   |
| HD 2.3/15 C Ed       | 2.883-997.0 | 1.150-611.0   |
| HD 3.0/20 C Ea       | 2.883-997.0 | 1.150-610.0   |
| HD 3.0/20-4M Ea      | 2.884-882.0 | 1.524-110.0   |
| HD 3.5/30-4S Ea      | 2.883-902.0 | 1.286-110.0   |
| HD 3.7/22-4S Eg      | 2.883-902.0 | 1.286-115.0   |
| HD 4.5/32-4S Eb      | 2.883-902.0 | 1.286-112.0   |
| HD 4.5/32-4S Ec      | 2.883-902.0 | 1.286-113.0   |
| HD 5/12 C            | 2.883-997.0 | 1.514-106.0   |
| HD 525 S             | 2.883-827.0 | 1.118-700.0   |
| HD 651               | 2.883-869.0 | 1.150-110.0   |
| HD 650               | 2.883-869.0 | 1.150-106.0   |
| HD 655 S             | 2.883-286.0 | 1.902-405.0   |
| HD 655 H             | 2.883-286.0 | 1.902-411.0   |
| HD 655 H             | 2.883-286.0 | 1.902-412.0   |
| HD 750               | 2.880-469.0 | 1.625-917.0   |
| HD 760 WS            | 2.880-469.0 | 1.797-701.0   |
| HD 850 S             | 2.880-469.0 | 1.877-681.0   |
| HD 850 WS            | 2.880-469.0 | 1.754-701.0   |
| HD 855 S             | 2.883-817.0 | 1.087-701.0   |
| HD 1090              | 2.883-447.0 | 1.951-681.0   |
| HD 10/25 S           | 2.883-902.0 | 1.286-105.0   |
| HD gas models        |             |               |
| HD 2.5/24 P (vers 1) | 2.884-214.0 | 1.575-105.0   |
| HD 2.6/26 P (vers 1) | 2.884-214.0 | 1.575-106.0   |
| HD 4.0/36 P (vers 1) | 2.884-217.0 | 1.575-108.0   |
| HD 2500 G            | 2.884-215.0 | 1.194-112.0   |
| HD 2500 MTD          | 2.884-215.0 | 1.194-114.0   |
| HD 2600 DK           | 2.884-215.0 | 1.194-122.0   |
| HD 2700 DB           | 2.884-215.0 | 1.194-116.0   |
| HD 2700 DH           | 2.884-215.0 | 1.194-117.0   |
| HD 2700 DH           | 2.884-215.0 | 1.194-123.0   |
| HD 2700 DH Q/C       | 2.884-215.0 | 1.194-118.0   |
| HD 2701 DR           | 2.884-215.0 | 1.194-200.0   |
| HD 3000 DH           | 2.884-216.0 | 1.187-116.0   |
| HD 3101 DR           | 2.884-216.0 | 1.187-117.0   |
| HD 3500 DB           | 2.884-217.0 | 1.810-998.0   |
| HD 3500 DH           | 2.884-217.0 | 1.810-997.0   |
| HD 3500 DH-Q/C       | 2.884-217.0 | 1.810-996.0   |
| HD 3501              | 2.884-217.0 | 1.810-999.0   |

| HD gas models (continued)            |   | Pump kit      | Model part no.  |
|--------------------------------------|---|---------------|-----------------|
| HD 3600 DH                           | I | 2.884-217.0   | 1.180-934.0     |
| HD 800 B                             |   | 2.883-201.0   | 1.851-812.0     |
| HD 830 B                             |   | 2.884-214.0   | 1.187-103.0     |
| HD 830 B                             |   | 2.884-214.0   | 1.187-108.0     |
| HD 1020 B                            |   | 2.884-016.0   | 1.810-910.0     |
| HD 1020 B                            |   | 2.884-016.0   | 1.810-920.0     |
| HD 1040 B                            |   | 2.884-084.0   | 1.810-986.0     |
| HDS electric models                  |   | 2.00 1 00 1.0 | 1.010 300.0     |
| HDS 2.3/12 C Ed                      | l | 2.883-891.0   | 1.170-606.0     |
| HDS 2.3/13 C Ed                      |   | 2.883-891.0   | 1.170-605.0     |
| HDS 3.0/20 C Ea                      |   | 2.883-891.0   | 1.170-612.0     |
| HDS 4.0/20-4M Ea                     |   | 2.885-034.0   | 1.071-408.0     |
| HDS 4.5/22-4M Ea                     |   | 2.885-034.0   | 1.071-409.0     |
| HDS 3.5/30-4M Ea                     |   | 2.885-034.0   | 1.071-412.0     |
| HDS 3.5/23-4M Eg                     |   | 2.885-034.0   | 1.071-426.0     |
| HDS 5.0/30-4S Eb                     |   | 2.885-033.0   | 1.071-608.0     |
| HDS 5.0/30-45 Ec                     |   | 2.885-033.0   | 1.071-609.0     |
| HDS 801 E (460V)                     |   | 2.883-446.0   | 1.030-681.0     |
| HDS 801 E (575V)                     |   | 2.883-446.0   | 1.030-701.0     |
| HDS 4.0/20-4M Ea                     |   | 2.883-913.0   | 1.027-352.0     |
|                                      |   | 2.883-913.0   | 1.027-352.0     |
| HDS 4.5/22-4M Ea                     |   |               |                 |
| HDS 4.5/19-4M Ea                     |   | 2.883-913.0   | 1.027-357.0     |
| HDS 3.5/30-4M Ea                     |   | 2.883-913.0   |                 |
| HDS 3.5/23-4M Eg                     |   | 2.883-913.0   | 1.027-356.0     |
| HDS 5.0/30-4S Eb<br>HDS 5.0/30-4S Ec |   | 2.883-914.0   | 1.028-341.0     |
|                                      |   | 2.883-914.0   | 1.028-343.0     |
| HDS NG/LP 4.5/22 Ea ST (vers 1)      |   | 2.883-322.0   | 1.575-715/716.0 |
| HDS NG/LP 4.5/22 Ea ST (vers 2)      |   | 2.883-913.0   | 1.575-715/716.0 |
| HDS NG/LP 3.5/30 Ea ST (vers 1)      |   | 2.883-322.0   |                 |
| HDS NG/LP 3.5/30 Ea ST (vers 2)      |   | 2.883-913.0   | 1.575-719/720.0 |
| HDS NG/LP 4.5/22 Ea ST (vers 1)      |   | 2.883-322.0   | 1.575-715/716.0 |
| HDS NG/LP 4.5/22 Ea ST (vers 2)      |   | 2.883-913.0   | 1.575-715/716.0 |
| HDS NG/LP 3.5/30 Ea ST (vers 1)      |   | 2.883-322.0   | 1.575-719/720.0 |
| HDS NG/LP 3.5/30 Ea ST (vers 2)      |   | 2.883-913.0   | 1.575-719/720.0 |
| HDS NG/LP 5.0/30 Eb ST (vers 1)      |   | 2.883-302.0   | 1.575-717/718.0 |
| HDS NG/LP 5.0/30 Eb ST (vers 2)      |   | 2.883-914.0   | 1.575-717/718.0 |
| HDS NG/LP 5.0/30 Ec ST (vers 1)      |   | 2.883-302.0   | 1.575-721/722.0 |
| HDS NG/LP 5.0/30 Ec ST (vers 2)      |   | 2.883-914.0   | 1.575-721/722.0 |
| HDS 500 Ci                           |   | 2.883-459.0   | 1.890-406.0     |
| HDS 501 C (vers 1)                   |   | 2.883-883.0   | 1.272-105.0     |

# **AXIAL PUMPS, REPAIR KITS AND TOOLS (CONTINUED)**

|                                 | Pump kit    | Model part no.  |
|---------------------------------|-------------|-----------------|
| HDS electric models (continued) |             |                 |
| HDS 501 C (vers 2)              | 2.883-827.0 | 1.272-105.1     |
| HDS 551 C                       | 2.883-890.0 | 1.169-105.0     |
| HDS 558 C                       | 2.883-891.0 | 1.170-105.0     |
| HDS 600 CI                      | 2.883-922.0 | 1.852-407/408.0 |
| HDS 900 Ci                      | 2.883-855.0 | 1.873-408/409.0 |
| HDS 745                         | 2.883-322.0 | 1.026-911.0     |
| HDS 745                         | 2.883-913.0 | 1.026-344.0     |
| HDS 895 M Eco                   | 2.883-913.0 | 1.027-515.0     |
| HDS 895 S VEX                   | 2.883-913.0 | 1.027-304.0     |
| HDS 945                         | 2.883-913.0 | 1.027-335/336.0 |
| HDS 945                         | 2.883-322.0 | 1.027-871.0     |

|                                 | Pump kit    | Model part no.   |
|---------------------------------|-------------|------------------|
| HDS electric models (continued) |             |                  |
| HDS 945                         | 2.883-322.0 | 1.027-881.0      |
| HDS 1000                        | 2.883-913.0 | 1.027-337.0      |
| HDS 1000                        | 2.883-322.0 | 1.027-851.0      |
| HDS 1000 A                      | 2.880-283.0 | 1.718-931.0      |
| HDS 1055                        | 2.883-913.0 | 1.027-38.0/339.0 |
| HDS 1055                        | 2.883-322.0 | 1.027-81.0/691.0 |
| HDS 1195                        | 2.883-914.0 | 1.028-332.0      |
| HDS 1195                        | 2.883-302.0 | 1.028-681.0      |
| HDS 2245 NG/LP                  | 2.883-322.0 | 1.027-883/884.0  |
| HDS 3005 NG/LP                  | 2.883-302.0 | 1.028-883/884.0  |
|                                 |             |                  |

## **AXIAL PUMPS REPAIR KITS**

|                                | Order No.   |   |
|--------------------------------|-------------|---|
| Kärcher axial pump repair kits |             | l |
|                                | 2.883-997.0 |   |
|                                | 2.884-347.0 |   |
|                                | 2.883-902.0 |   |
|                                | 2.883-827.0 |   |
|                                | 2.883-869.0 |   |
|                                | 2.883-286.0 |   |
|                                | 2.880-469.0 |   |
|                                | 2.883-817.0 |   |
|                                | 2.883-447.0 |   |
|                                | 2.884-214.0 |   |
|                                | 2.884-217.0 |   |
|                                | 2.884-215.0 |   |
|                                | 2.884-216.0 |   |
|                                | 2.884-084.0 |   |

|      | at          |   |
|------|-------------|---|
|      | Order No.   |   |
| vea) |             |   |
|      | 2.883-891.0 |   |
|      | 2.885-034.0 |   |
|      | 2.885-033.0 |   |
|      | 2.883-446.0 |   |
|      | 2.883-913.0 |   |
|      | 2.883-914.0 |   |
|      | 2.883-322.0 |   |
|      | 2.883-302.0 |   |
|      | 2.883-827.0 |   |
|      | 2.883-890.0 |   |
|      | 2.883-922.0 |   |
|      | 2.883-855.0 |   |
|      | 2.880-283.0 |   |
|      | ued)        | 2.883-891.0 2.885-034.0 2.885-033.0 2.883-446.0 2.883-913.0 2.883-914.0 2.883-322.0 2.883-302.0 2.883-827.0 2.883-890.0 2.883-855.0 |

# **KÄRCHER TRIPLEX PUMPS**



The U-Seals provide better run-dry protection, extend pump life, and allow for inlet water of up to 145°F. Kärcher K3 pumps provide a stronger crankcase with thicker mounting feet and extra-large European made tapered roller bearings for longer pump life. The crankcase is reinforced and comes with the new O-ring seal for leak-free operation. Specially die cast connecting rods provide for quieter operation and longer pump life.



|                     |       | Order no.                  |   | GPM        | PSI    | HP         | RPM          | Shaft                      | Description  |  |
|---------------------|-------|----------------------------|---|------------|--------|------------|--------------|----------------------------|--|--|
| KX series           | 1 . 1 |                            |   |            |        |            |              |                            | I  |  |
| KX9536R.2 - Right   | 1     | 8.920-593.0                |   | 9.5        | 3625   | 23.8       | 1740         | 25 mm                      | The KX series pump is the patriarch of the Kärcher crank-<br>case pump line; delivering enough volume and pressure   |  |
| KX9536L.2 - Left    | 2     | 8.920-594.0                |   | 9.5        | 3625   | 23.8       | 1740         | 25 mm                      | for the beefiest of pressure washers.  |  |
| KX1036R.2 - Right   | 3     | 8.920-595.0                |   | 10.4       | 3625   | 25.8       | 1740         | 25 mm                      | • Up to 10.4 GPM and 3625 PSI  |  |
| KX1036L.2 - Left    | 4     | 8.920-596.0                |   | 10.4       | 3625   | 25.8       | 1740         | 25 mm                      | 40.6 oz oil crankcase capacity     10% Lower RPM than comparable pumps     Increased ceramic thickness               |  |
| KX5450 series       |       |                            |   |            |        |            |              |                            |  |  |
| KX5450L - Left      | 5     | 8.921-658.0                |   | 5.4        | 5000   | 18.5       | 1740         | 24 mm                      | The KX5450 series of pumps provide performance up to   |  |
| KX5450R - Right     | 6     | 8.921-657.0                |   | 5.4        | 5000   | 18.5       | 1740         | 24 mm                      | 5.4 GPM and 5000 PSI.  |  |
|                     |       |                            |   |            |        |            |              |                            | 40.6 oz oil crankcase capacity     9' Water Vacuum Head     Oversized connecting rods                                |  |
| KT series           |       |                            |   |            |        |            |              |                            |  |  |
| KT4540L.2 - Left    | 7     | 8.921-715.0                |   | 4.5        | 4000   | 12.6       | 1360         | 25 mm                      | The KT series of pumps are super-duty pumps that   |  |
| KT4540R.2 - Right   | 8     | 8.921-714.0                |   | 4.5        | 4000   | 12.6       | 1360         | 25 mm                      | provide the same performance as other pumps but at   |  |
| KT6036L.2 - Left    | 9     | 8.921-717.0                |   | 6.0        | 3600   | 15.4       | 1450         | 25 mm                      | 10% lower RPMs.  |  |
| KT6036R.2 - Right   | 10    | 8.921-716.0                |   | 6.0        | 3600   | 15.4       | 1450         | 25 mm                      | 40.6 oz oil crankcase capacity     Oversized connecting rods   |  |
| KM series           |       |                            |   |            |        |            |              |                            |  |  |
| KM3540R.3 - Right   | 11    | 8.751-186.0                |   | 3.5        | 4000   | 9.7        | 1850         | 24 mm                      | The third generation of KM pumps are designed for a broad range of applications from 3.5 - 5.6 GPM and up            |  |
| KM4030L.3 - Left    | 12    | 8.751-188.0                |   | 4.0        | 3000   | 8.3        | 1000         | 24 mm                      |  |  |
| KM4030R.3 - Right   | 13    | 8.751-187.0                |   | 4.0        | 3000   | 8.3        | 1000         | 24 mm                      | to 4000 PSI.   |  |
| KM4035L.3 - Left    | 14    | 8.751-190.0                |   | 4.8        | 3500   | 11.6       | 1500         | 24 mm                      | 23.6 oz oil crankcase capacity     10% lower RPM than comparable pumps   |  |
| KM4035R.3 - Right   | 15    | 8.751-189.0                |   | 4.8        | 3500   | 11.6       | 1500         | 24 mm                      | Heavy-duty tapered roller bearings   |  |
| KM5030L.3 - Left    | 16    | 8.751-192.0                |   | 5.1        | 3000   | 10.6       | 1550         | 24 mm                      |  |  |
| KM5030R.3 - Right   | 17    | 8.751-191.0                |   | 5.1        | 3000   | 10.6       | 1550         | 24 mm                      |  |  |
| KM6035L.3 - Left    | 18    | 8.749-941.0                |   | 5.6        | 3500   | 13.5       | 1740         | 24 mm                      |  |  |
| KM6035R.3 - Right   | 19    | 8.749-940.0                |   | 5.6        | 3500   | 13.5       | 1740         | 24 mm                      |  |  |
| KS series           |       |                            |   |            |        |            |              | ·                          |  |  |
| KS3040G.3           | 20    | 8.751-193.0                |   | 3.0        | 4000   | 10.8       | 3400         | 1" hollow                  | The third generation of KS pumps are designed for a  |  |
| KS3540G.3           | 21    | 8.751-194.0                |   | 3.5        | 4000   | 12.6       | 3400         | 1" hollow                  | broad range of applications from 3.0 - 5.0 GPM and up to   |  |
| KS4040G.3           | 22    | 8.751-195.0                |   | 4.0        | 4000   | 14.3       | 3400         | 1" hollow                  | 4000 PSI for direct drive gas/diesel engine applications.  |  |
| KS5030G.3           | 23    | 8.751-196.0                |   | 5.0        | 3400   | 13.4       | 3400         | 1" hollow                  | 23.6 oz oil crankcase capacity     Durable ceramic plunger with mirror finish     Heavy-duty tapered roller bearings |  |
| KF & KFP series     |       |                            | _ |            |        |            |              |                            |  |  |
|                     | 04    | 0.022.700.6                |   | 2.4        | 1 2000 | 2.0        | 1 2450       | F /0"   - 11 -             | The ME against of autora and bullet to the first to the  |  |
| KF2030F             | 24    | 8.923-790.0                |   | 2.1        | 3000   | 3.0        | 3450         | 5/8" hollow                | The KF series of pumps are hollow shaft pumps designed for direct drive electric units.                              |  |
| KFP2030S            | 25    | 8.929-254.0                |   | 2.1        | 3000   | 3.0        | 1725         | 5/8" hollow                |  |  |
| KF2830S<br>KFP3530F | 26    | 8.923-793.0<br>8.929-259.0 |   | 2.8<br>3.5 | 3000   | 5.0<br>6.0 | 1725<br>3450 | 5/8" hollow<br>3/4" hollow | Up to 3.5 GPM and 2500 PSI  14 oz oil crankcase capacity Set-screw for motor shaft                                   |  |
|                     |       |                            |   |            |        |            |              |                            | Durable ceramic pistons with mirror finished   |  |

# KÄRCHER TRIPLEX PUMPS



















|             |    | Order no.   | GРM | PSI  | НР  | RPM  | Shaft | Description  |
|-------------|----|-------------|-----|------|-----|------|-------|--|
| KB series   |    |             |     |      |     |      |       |  |
| KBP3030R    | 29 | 8.929-255.0 | 3.0 | 3000 | 6.2 | 1650 | 24 mm | The Kärcher KD series of pumps are solid shaft pumps   |
| KB3030L.1.1 | 30 | 8.923-782.0 | 3.0 | 3000 | 6.2 | 1650 | 24 mm | that provide superior performance when compared to similar size pumps.   |
| KB4025R.1   | 31 | 8.923-783.0 | 4.0 | 2500 | 6.8 | 1550 | 24 mm |  |
| KB4025L.1   | 32 | 8.923-784.0 | 4.0 | 2500 | 6.8 | 1550 | 24 mm | Up to 4.0 GPM and 3000 PSI     14 oz oil crankcase capacity     Set-screw for motor shaft     Durable ceramic pistons with mirror finished |
| KP Series   |    |             |     |      |     |      |       |  |
| KPP2525G    | 33 | 8.929-258.0 | 2.5 | 3500 | -   | 3400 | 3/4"  | The Kärcher KG series of pumps are hollow-shaft pumps  |
| KPP3035G    | 34 | 8.929-256.0 | 3.0 | 3500 | -   | 3400 | 3/4"  | available  |
| KPP3035G.1  | 35 | 8.929-257.0 | 3.0 | 3500 | -   | 3400 | 1"    | in 3/4" and 1" shaft sizes for gas engines.  |
| KP3535G.1   | 36 | 8.923-788.0 | 3.5 | 3500 | -   | 3400 | 1"    | Up to 4.0 GPM and 3500 PSI     14 oz oil crankcase capacity  |
| KP4035G.1   | 37 | 8.923-789.0 | 4.0 | 3500 | -   | 3400 | 1"    | Set-screw for motor shaft     Durable ceramic pistons with mirror finished   |

## **QUICK CHANGE PUMPS**



Quick change pump assemblies include a pump, unloader, thermal protector, by-pass loop hose, garden hose inlet with filter, and quick connect coupler. They are easy to install, less expensive than separate components and labor to assemble components, and eliminate the guesswork on selecting components to go with the pump.



\*7-year pump warranty is for the pump only and does not include the accessories that come with the pump.

|                      | Order no.   | Туре   | GPM | PSI  | НР   | RPM  | Unloader | Shaft       | Description  |
|----------------------|-------------|--------|-----|------|------|------|----------|-------------|--|
| Quick Change Pumps   |             |        |     |      |      |      |          |             |  |
| Pump Assy, KP3035G   | 8.924-446.0 | Direct | 3.0 | 3500 | 7.2  | 3400 | VRT3     | 3/4" Hollow | Pump assemblies that include                                     |
| Pump Assy, KP3535G1  | 8.924-447.0 | Direct | 3.5 | 3500 | 8.4  | 3400 | VRT3     | 1" Hollow   | a pump, unloader, thermal —————<br>protector, connector hose and |
| Pump Assy, KS4040G.3 | 8.924-448.0 | Direct | 4.0 | 4000 | 11.0 | 3400 | VRT3     | 1" Hollow   | quick coupler.   |
| Pump Assy, KB3030R   | 8.924-449.0 | Belt   | 3.0 | 3000 | 6.2  | 1650 | VRT3     | 24mm Solid  |  |
| Pump Assy, KM3540R.3 | 8.924-450.0 | Belt   | 3.5 | 4000 | 9.6  | 1850 | VRT3     | 24mm Solid  |  |
| Pump Assy, KM3840R.3 | 8.924-451.0 | Belt   | 3.8 | 4000 | 10.4 | 1740 | VRT3     | 24mm Solid  |  |

## TRIPLEX PUMP REPAIR KIT SELECTION CHART

Use the selection chart below to find the correct repair kits for the specific Kärcher pump model.

| Pump model           | Valves      | Seal kits   | Packing with brass | Plunger oil seals | Ceramic plunger kit |
|----------------------|-------------|-------------|--------------------|-------------------|---------------------|
| KX9636.2             | 8.753-349.0 | 8.752-844.0 | 8.757-937.0        | 9.802-606.0       | 8.752-839.0         |
| KX1036.2             | 8.753-349.0 | 8.752-844.0 | 8.757-937.0        | 9.802-606.0       | 8.752-839.0         |
| KX5450               | 8.753-515.0 | 8.753-512.0 | 8.757-937.0        | 9.802-606.0       | 8.753-514.0         |
| KT4035.1             | 9.802-603.0 | 8.916-488.0 | 8.916-322.0        | 9.802-606.0       | 9.802-607.0         |
| KT4040.1             | 9.802-603.0 | 8.916-488.0 | 8.916-322.0        | 9.802-606.0       | 9.802-607.0         |
| KT5030.1             | 9.802-603.0 | 8.916-487.0 | 8.916-323.0        | 9.802-606.0       | 9.802-611.0         |
| KT6035.1             | 9.802-603.0 | 8.916-488.0 | 8.916-322.0        | 9.802-606.0       | 9.802-607.0         |
| KT4540.2             | 8.753-824.0 | 8.753-821.0 | 8.758-061.0        | 9.802-606.0       | 8.753-823.0         |
| KT6036.2             | 8.753-824.0 | 8.753-821.0 | 8.758-061.0        | 9.802-606.0       | 8.752-823.0         |
| KS3040.G.3           | 9.802-603.0 | 8.725-358.0 | 8.758-087.0        | 9.802-609.0       | 8.933-023.0         |
| KS3540.G.3           | 9.802-603.0 | 8.725-358.0 | 8.758-087.0        | 9.802-609.0       | 8.933-023.0         |
| KS4040.G.3           | 9.802-603.0 | 8.725-358.0 | 8.758-087.0        | 9.802-609.0       | 8.933-023.0         |
| KS5030.G.3           | 9.802-603.0 | 8.725-358.0 | 8.758-087.0        | 9.802-609.0       | 8.933-023.0         |
| (P2535G              | 8.754-859.0 | 8.754-860.0 | 8.758-083.0        | 9.803-937.0       | 8.754-862.0         |
| KP3035G              | 8.754-859.0 | 8.754-860.0 | 8.758-083.0        | 9.803-937.0       | 8.754-862.0         |
| KP3035G1             | 8.754-859.0 | 8.754-860.0 | 8.758-083.0        | 9.803-937.0       | 8.754-862.0         |
| KP3535G1             | 8.754-859.0 | 8.754-860.0 | 8.758-083.0        | 9.803-937.0       | 8.754-862.0         |
| KP4035G1             | 8.754-859.0 | 8.754-860.0 | 8.758-083.0        | 9.803-937.0       | 8.754-862.0         |
| KM3540.2/.3          | 9.802-603.0 | 8.725-358.0 | 8.758-087.0        | 9.802-609.0       | 8.933-023.0         |
| KM4030.2/.3          | 9.802-603.0 | 8.725-362.0 | 8.758-086.0        | 9.802-609.0       | 8.751-238.0         |
| KM4035.2/.3          | 9.802-603.0 | 8.725-360.0 | 8.758-085.0        | 9.802-609.0       | 8.751-237.0         |
| KM5030.2/.3          | 9.802-603.0 | 8.725-362.0 | 8.758-086.0        | 9.802-609.0       | 8.751-238.0         |
| KM6035.2/3           | 9.802-603.0 | 8.725-360.0 | 8.758-085.0        | 9.802-609.0       | 8.751-237.0         |
| KG2530.1             | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KG3030.1             | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KG3035.1             | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KG3535.1             | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KG4030.1             | 9.803-936.0 | 9.803-930.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KF2030F              | 8.754-859.0 | 8.754-860.0 | 8.758-085.0        | 9.803-937.0       | 8.754-862.0         |
| KF2030S              | 8.754-859.0 | 8.754-856.0 | 8.758-081.0        | 9.803-937.0       | 8.754-858.0         |
| KF2830F              | 8.754-859.0 | 8.754-860.0 | 8.758-085.0        | 9.803-937.0       | 8.754-862.0         |
| KF2830S              | 8.754-859.0 | 8.754-856.0 | 8.758-081.0        | 9.803-937.0       | 8.754-858.0         |
| KF3530F              | 8.754-859.0 | 8.754-860.0 | 8.758-085.0        | 9.803-937.0       | 8.754-862.0         |
| KE2020F.1            | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KE2020S.1            | 9.803-936.0 | 8.725-356.0 | 8.725-357.0        | 9.803-937.0       | 9.803-935.0         |
| KE2825F.1            | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KE2825S.1            | 9.803-936.0 | 8.725-356.0 | 8.725-357.0        | 9.803-937.0       | 9.803-935.0         |
| KE3525F.1            | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KD3025.1             | 9.803-936.0 | 8.725-356.0 | 8.725-357.0        | 9.803-937.0       | 9.803-935.0         |
| KD3029.1             | 9.803-936.0 | 8.725-354.0 | 8.725-355.0        | 9.803-937.0       | 9.803-934.0         |
| KD3030.1<br>KD4020.1 | 9.803-936.0 | 8.725-356.0 | 8.725-357.0        | 9.803-937.0       | 9.803-935.0         |
| KB3030               | 8.754-859.0 | 8.754-856.0 | 8.758-081.0        | 9.803-937.0       | 8.754-858.0         |
| KB3030<br>KB4025     | 8.754-859.0 | 8.754-856.0 | 8.758-081.0        | 9.803-937.0       | 8.754-858.0         |
|                      |             |             |                    |                   |                     |
| (BP3030R             | 8.754-859.0 | 8.759-015.0 | 8.929-348.0        | 9.803-937.0       | 8.754-858.0         |
| (FP2030S             | 8.754-859.0 | 8.759-015.0 | 8.929-348.0        | 9.803-937.0       | 8.754-858.0         |
| KFP3530F             | 8.754-859.0 | 8.759-031.0 | 8.758-218.0        | 9.803-937.0       | 8.754-862.0         |
| KPP2535G             | 8.754-859.0 | 8.759-031.0 | 8.758-218.0        | 9.803-937.0       | 8.754-862.          |
| KPP3035G             | 8.754-859.0 | 8.759-031.0 | 8.758-218.0        | 9.803-937.0       | 8.754-862.0         |

# KÄRCHER TRIPLEX PUMP REPAIR KITS











Original Factory Direct Repair Kits.

|  |    | Order no.   |
|--|----|-------------|
| Valve kits   |    | Order 110.  |
| Valve Kit, KM, KT, KS Series   | 1  | 9.802-603.0 |
| Valve Kit, KX5450 Series   | 2  | 8.753-515.0 |
| Valve Kit, KB, KP, KF Series   | 3  | 8.754-859.0 |
| Valve Kit, KX9636, KX1036  | 4  | 8.753-349.0 |
| Valve Kit, KK. KD, KG Series   | 5  | 9.803-936.0 |
| Valve Kit, KBP, KFP, KPP Series  | 6  | 8.754-859.0 |
| "U" seals  | 0  | 0.734 033.0 |
| Plunger Seals, 15 mm, KS Series, KM3540.2/.3   | 7  | 8.725-358.0 |
| Plunger Seals, 18 mm KM4035.2/.3   | 8  | 8.725-360.0 |
| Plunger Seals, 20 mm, KM4030.2/.3, KM5030.2/.3, KM6035.2/.3                          | 9  | 8.725-362.0 |
|  |    |             |
| Plunger Seals, 20 mm, KT4035.1, KT4040.1, KT6035.1                                   | 10 | 8.916-488.0 |
| Plunger Seals, KX5450  | 11 | 8.753-512.0 |
| Plunger Seals, KX9626.2, KX1036.2  | 12 | 8.752-844.0 |
| Plunger Seals, 15 mm, KE2020F.1, KD3030.1, KG.1 Series KE2825F.1, KE3525F.1          | 13 | 8.725-354.0 |
| Plunger Seals, 18 mm, KE2020S.1, 025.1, KD4020.1                                     | 14 | 8.725-356.0 |
| Plunger Seals, KBP3030R, KFP2030S Series   | 15 | 8.759-015.0 |
| Plunger Seals, KFP3530F, KPP Series  | 16 | 8.759-031.0 |
| Packings with brass (all packing kits with brass include U seals)                    | 1  | L           |
| Complete Seal Packing, 15 mm, KS Series, KM3540                                      | 17 | 8.758-087.0 |
| Complete Seal Packing, 15 mm, KE2020F, KD3030, KG Series KE2825F, KE3525F            | 18 | 8.725-355.0 |
| Complete Seal Packing, 18 mm, KE2020S, KE2825S, KD Series                            | 19 | 8.725-357.0 |
| Complete Seal Packing, 18 mm, KM4025   | 20 | 8.758-085.0 |
| Complete Seal Packing, 20 mm, KM4030, KM5030   | 21 | 8.758-086.0 |
| Complete Seal Packing, 20 mm, KT Series  | 22 | 8.916-322.0 |
| Complete Seal Packing, KX5450  | 23 | 8.757-939.0 |
| Complete Seal Packing, KX9636, KX1036  | 24 | 8.757-937.0 |
| Complete Seal Packing, KBP3030R, KFP2030S Series                                     | 25 | 8.929-348.0 |
| Complete Seal Packing, KFP3530F, KPP Series  | 26 | 8.758-218.0 |
| Oil seals  |    |             |
| Plunger Oil Seals, KT Series   | 27 | 9.802-606.0 |
| Plunger Oil Seals, KM, KS Series   | 28 | 9.802-609.0 |
| Plunger Oil Seals, KE, KD, KG, KB, KP, KF Series                                     | 29 | 9.803-937.0 |
| Plunger Oil Seals, 22 mm, KX9636.2, KX1036.2   | 30 | 9.802-606.0 |
| Plunger Oil Seals, KBP, KFP, KPP Series  | 31 | 9.803-937.0 |
| Ceramic plunger kit (includes bolt, washer, o-ring, teflon ring and ceramic plunger) |    |             |
| Plunger, 18 mm, KM3540/.3, KS.3 Series   | 32 | 8.933-023.0 |
| Plunger, 20 mm, KM4030.2/.3, KM5030.2/.3   | 33 | 8.751-238.0 |
| Plunger, KM6035.2/.3   | 34 | 8.751-237.0 |
| Plunger, 20 mm, KT Series  | 36 | 9.802-607.0 |
| Plunger, 22 mm KT5030  | 37 | 9.802-611.0 |
| Plunger, 15 mm KS.1 Series   | 38 | 8.933-023.0 |
| Plunger, 15 mm, KE2020F, KD2825F, KE3525, KD3030, KG Series                          | 39 | 9.803-934.0 |
| Plunger, 18 mm, KE2020S, KE2825S, KD3025, KD4020                                     | 40 | 9.803-935.0 |
| Plunger, 22 mm, KX9536.2, KX1036.2   | 41 | 8.752-839.0 |
| Plunger, KBP3030R, KFP2030S Series   | 42 | 8.754-858.0 |
| Plunger, KFP3530F, KPP Series  | 43 | 8.754-862.0 |
|  | ,  | 1           |

# **KÄRCHER TOOLS**



 $\ensuremath{\mathsf{A}}$  must for every Service Department. Save time using the right tool for the job.

|   | Order no.   |
|---|-------------|
| Kärcher pump tool kit (complete)                            |             |
|   | 9.802-954.0 |
| Pump repair tools   |             |
| Oil Seal Bushing Inserter for KT Plunger Rod                | 9.802-572.0 |
| Oil Seal Piston Inserter for KT Plunger Rod                 | 9.802-578.0 |
| Oil Seal Piston Inserter for KS and KS Plunger Rod          | 9.802-579.0 |
| Oil Seal Bushing Inserter for KS and KS Plunger Rod         | 9.802-573.0 |
| Allen Wrench, 8 mm for KT, KX, KH Manifold bolts            | 9.802-571.0 |
| Allen Wrench, 6 mm for KM, KD, KG, KE, KS Manifold bolts    | 9.802-567.0 |
| Allen Wrench, 5 mm for Crankcase cover bolts                | 9.802-570.0 |
| Oil Seal Bushing Inserter for KT, KX, KH Crankshaft         | 9.802-565.0 |
| Oil Seal Bushing Inserter for KM, KD, KG, KE, KS Crankshaft | 9.802-566.0 |
| Piston Seal Extractor                                       | 9.802-568.0 |
| Oil Seal Inserter, Piston, KM, KD, KG, KE, KS Pumps         | 9.802-580.0 |
| Oil Seal Inserter, Guide, KM, KD, KG, KE, KS Pumps          | 9.802-563.0 |
| Oil Seal Inserter, Piston, KT, KX, KH Pumps                 | 9.802-581.0 |
| Guide, Oil Seal Inserter, KT, KX, KH Pumps                  | 9.802-564.0 |
| Guide, Seal Inserter, Manifold, KD, KE, KG Pumps            | 8.751-396.0 |
| Guide, Seal Inserter, Manifold KX5050                       | 8.751-404.0 |
| Guide, Seal Inserter, Manifold, KD, KE, KG, KH, KX          | 8.751-397.0 |
| Guide, Seal Inserter, Manifold, KH KX                       | 8.751-405.0 |
| Screwdriver, Flathead                                       | 8.751-403.0 |
| Hammer, Plastic Head  | 9.802-569.0 |
| Plastic Tool Box  | 9.802-574.0 |
| Normal maintenance tool kit for KB, KP, KP1 and KF series   | 8.756-590.0 |
| Oil seal maintenance tool kit for KB, KP, KP1 and KF series | 8.756-717.0 |
| Misc. tools   |             |
| Valve Seat Wrench   | 5.901-116.0 |
| General Purpose Valve Pliers                                | 4.901-062.0 |
| Valve Seat Pullers - For use on deep valves                 | 6.815-029.0 |
| O-ring installation Tool for Classic, HD, HDS compact       | 5.901-090.0 |
| O-ring Installation Tool                                    | 5.901-127.0 |

# KÄRCHER TOOLS

|   | Order no.   |  |
|---|-------------|--|
| Misc. tools (cont.)                           |             |  |
| Fan Puller                                    | 6.815-019.0 |  |
| Fan Installation Tool                         | 5.901-138.0 |  |
| Fan Puller - HDS Full-size and upright - 2012 | 6.816-069.0 |  |
| Swash Plate Removal Tool                      | 4.901-038.0 |  |
| Splash Diffuser                               | 4.901-077.0 |  |
| Test gauges                                   |             |  |
| Fuel Pressure Gauge                           | 4.901-060.0 |  |
| Water Temperature Gauge                       | 3.900-003.0 |  |
| Water Pressure Test Gauge                     | 4.742-025.0 |  |
| Water Temperature and Volume Gauge            | 2.901-030.0 |  |
| Pressure Shut-off Valve                       | 4.580-034.0 |  |
| Hour meter                                    |             |  |
| Hour Meter - 24V / 50 mm                      | 6.681-035.0 |  |
| Hour Meter - 24V / 22 mm                      | 6.681-012.0 |  |
| Kärcher pump oil                              |             |  |
| Single Phase - HD / HDS Classic 15W40         | 6.288-050.0 |  |
| Three Phase - HD / HDS Classic 90wt           | 6.288-016.0 |  |
| Kärcher low 40 Pump Oil                       | 8.923-423.0 |  |
| Assembly grease                               |             |  |
| Silicone Grease - 5 grams                     | 6.288-088.0 |  |
| Silicone Grease - 100 grams                   | 6.288-079.0 |  |
| for Spare Parts / Pumping Kits - 5 grams      | 6.288-072.0 |  |
| for Spare Parts / Pumping Kits - 100 grams    | 6.288-044.0 |  |

### **COILS**



Kärcher's proprietary heating coil is unequaled in the industry for its high heating performance, compact design, and super-efficiency. Double-wall construction — with air passing between the two walls — provides insulation as well as oxygen for the combustion process.

The combustion chamber and heating coil provide even heat distribution with very little condensation or corrosion and 92% + fuel efficiency to conform to the strictest air quality standards.

Combined with other Kärcher advances, our heating coil helps make Kärcher the responsible choice with the lowest cost of operation in the industry.

|   |    | Order no.   | Description   |
|---|----|-------------|---|
| HDS coils   | 1  | ı           |   |
|   | 1  | 4.680-080.0 | HDS 1000 BE/DE  |
|   | 2  | 4.680-081.0 | HDS 4.0/30 Pe Cage; HDS 5.0/32 Pe Cage; HDS 5.5/35 Pe Cage  |
|   | 3  | 4.680-129.0 | Stainless Steel - HDS 500 Ci  |
|   | 4  | 4.680-123.0 | HDS 3.5/30-4M Ea; HDS 3.5/23-4M Eg; HDS 4.0/20-4M Ea; HDS 1055                                    |
|   | 5  | 4.680-126.0 | HDS 3.0/20 C Ea; HDS 501 C; HDS 551 C; HDS 558 C;   |
|   | 6  | 4.680-126.0 | HDS 2.3/12 C Ed   |
|   | 7  | 4.680-127.0 | Coil - HDS 801 B; HDS 600 Ci; HDS 900 Ci  |
|   | 8  | 4.680-135.0 | Coil - HDS 895 S (Tall)   |
|   | 9  | 4.680-144.0 | Coil - HDS Middle & Super Class (2012 Forward)  |
|   | 10 | 4.680-147.0 | Coil - HDS 1000   |
|   | 11 | 4.680-154.0 | Coil - HDS 1.7/12 U Ed  |
|   | 12 | 9.803-135.0 | Coil - HDS NG/LPG Units   |
|   | 12 | 9.152-371.0 | Coil - HDS HDS 2245/3005  |
| Stainless steel coils   |    | l .         |   |
|   | 13 | 4.680-113.0 | HDS 4.5/19-4M Eg; HDS 1195  |
|   | 14 | 4.680-114.0 | Coil, Stainless Steel - HDS 2.3/13 C Ed; HDS 745; HDS 895 S (short); HDS 945                      |
|   | 15 | 4.680-129.0 | Coil, Stainless Steel - HDS 801 B; HDS 600 Ci; HDS 900 Ci   |
|   | 16 | 4.680-130.0 | Coil, Stainless Steel - HDS 3.0/20 C Ea; HDS 501 C; HDS 551 C; HDS 558 C                          |
|   | 17 | 4.680-149.0 | Coil, Stainless Steel - HDS Middle & Super Class (2012 Forward)                                   |
| Liberty series coils  | 1  | <u> </u>    |   |
|   | 18 | 8.717-928.0 | Coil - HDS Heater 5.0/30 Ed   |
|   | 19 | 8.919-133.0 | Coil - HDS Gas Engine Roll Cage (Subaru); HDS Electric Roll Cage; HDS Electric Hand Truck (small) |
|   | 20 | 9.802-995.0 | Coil - HDS Electric Hand Truck (Large)  |
|   | 21 | 8.919-136.0 | Coil - HDS Gas Engine Roll Cage (Honda); HDS Electric Hand Truck (Medium)                         |
|   | 22 | 9.803-014.0 | Coil - HDS Liberty Series Skids   |
|   | 23 | 9.803-135.0 | Coil - HDS NG/LPG Units   |
| Cold rolled coils   |    |             | I   |
| Cold-rolled pipe, no weak points                                      | 24 | 9.803-014.0 | Skid Coil 20" Dia, Sch 80 with Aluminized Steel Wrap, Horizontal                                  |
| from heating to make bends.   | 25 | 8.919-136.0 | DuraCoil 14.5" Dia, Sch 80, HDS Cage, Roll Cage large   |
| Heavy-duty schedule 80 carbon steel pipe. "Aluminized steel" wrapper. | 26 | 8.919-133.0 | DuraCoil 14.5" Dia, Sch 80, HDS Electric Roll Cage and Small Gas Cage                             |
| Best warranty in the industry   | 27 | 9.803-135.0 | NG/LPG Coil, 18" Dia  |
|   | 27 | 7.003 133.0 | Maj El G Coll, 10 Dia   |

# **COILS**













|   |    | Order no.   | Description  |
|---|----|-------------|--|
| Top and bottom wraps  | •  |             |  |
|   | 28 | 8.919-733.0 | Coil Wrap, SS, HDS Elec Roll Cage, HDS Small Gas Roll Cage |
|   | 29 | 8.933-031.0 | Coil Wrap, SS, HDS Electric Hand Truck, Belt Drive         |
|   | 30 | 8.933-028.0 | Coil Wrap, SS, Small HDS Electric Hand Truck               |
|   | 31 | 8.915-908.0 | Coil Wrap, SS, HDS Hand Truck, Direct Drive                |
|   | 32 | 9.803-005.0 | Top Wrap, SS, HDS Gas/Diesel Skids                         |
|   | 33 | 9.803-006.0 | Bottom Wrap, SS, HDS Gas/Diesel Skids                      |
|   | 34 | 8.917-568.0 | Coil Wrap, SS, NG/LPG Machines                             |
| Coil insulation   |    |             |  |
| Refractory grade ceramic.   | 35 | 9.802-883.0 | Front Head, No Hole  |
| Retains heat inside coil for better fuel efficiency and paint protection. | 36 | 8.735-002.0 | Front Head, No Hole, 16"                                   |
|   | 37 | 9.802-894.0 | Burner Head, with Hole                                     |
|   | 38 | 8.731-284.0 | Burner Head, with Hole, 16"                                |
|   | 39 | 8.933-009.0 | Gasket, Burner Plate                                       |
|   | 40 | 8.717-424.0 | Gasket, Skid Stackless Top                                 |
|   | 41 | 8.717-425.0 | Gasket, Stackless Adapter                                  |
|   | 42 | 9.802-900.0 | Tank, 1" Blanket, Vertical Oil-Fired Coils                 |
|   | 43 | 9.802-901.0 | Tank, 16" OD x 8" ID, Small Vertical Coils                 |
|   | 44 | 8.717-410.0 | Blanket, with Foil sqft (10 sqft rqrd)                     |
|   | 45 | 9.802-896.0 | Blanket-No Foil, 24" x 57", Horizontal                     |
|   | 46 | 9.802-902.0 | Blanket-Die Cut, 28" x 24", Horizontal                     |
|   | 47 | 8.717-433.0 | Blanket-Die Cut, 33" x 89" (NG/LPG)                        |
|   | 48 | 8.930-140.0 | Insulation,Tank Head, 20", 10" Opening                     |
|   | 49 | 9.802-905.0 | Insulation Blanket, HDS Hand Truck                         |
|   | 50 | 8.717-433.0 | Insulation Disc, HDS Hand Truck                            |

# **WAYNE BURNERS FOR KÄRCHER PRESSURE WASHERS**





Kärcher's Hot Water Oil Fired Machines are now being built exclusively with Wayne Burners. Wayne Combustion has been building quality burners since 1928. They are known in the marketplace for superior reliability and ultra-high efficiency. The Wayne Burners have the following features:

- Lower Emissions
- Improved Efficiencies
- Positive flame retention
- Controlled Flame Pattern
- Low Nozzle Temperatures
- High static pressure overcomes adverse draft conditions for a better air/oil mixture.

|         | Order no.   | Motor                             | Solenoid voltage | Air size | Firing rate Min (GPH) |
|---------|-------------|-----------------------------------|------------------|----------|-----------------------|
| Burners | <u> </u>    |                                   |                  |          |                       |
|         | 8.756-181.0 | Burner, MSR 3.75 120V 1T 120V S   | 120v             | #6A      | 120v                  |
|         | 8.756-412.0 | Burner, MSR 13.5VDC 2T 12VDC S    | 13.5vDC          | #4A8     | 12vDC                 |
|         | 8.756-413.0 | Burner, EHASR 120V 2T 120V S      | 120v             | #4A      | 120v                  |
|         | 8.756-480.0 | Burner, EHASR 12VDC DO 2T 12VDC S | 12vDC            | #4A      | 12vDC                 |
|         | 8.756-709.0 | Burner, MSR, 230V 1T 230V S       | 230v             | #6A      | 230v                  |
|         | 8.756-737.0 | Burner EHASR 230V 1T 120V S       | 230v             | #8A      | 120v                  |
|         | 8.756-738.0 | Burner, EHASR 120VAC 1T 120V S    | 120v             | #8A      | 120v                  |
|         | 8.756-756.0 | Burner, EHASR 12VDCDO 1T 12VDC S  | 12vDC            | #3A      | 12vDC                 |
|         | 8.756-890.0 | Burner , EHASR 12VDC DO 2T 12V S  | 12vDC            | #4A      | 12v                   |

# **WAYNE BURNER REPLACEMENT PARTS & CROSS REFERENCE CHART**



|            | Order no.   | Description                              |
|------------|-------------|--|
| teplacemen | t parts     |  |
|            | 8.700-822.0 | FLEX COUPLING-F/307007 12V               |
|            | 8.700-776.0 | COUPLING 5/16 x 1/2'FS                   |
|            | 8.700-721.0 | COUPLING FOR 079021X                     |
|            | 8.756-715.0 | COUPLING, "E" DC                         |
|            | 8.756-438.0 | FAN - 4.00"W X 6.25"D 1/2" BORE          |
|            | 8.756-660.0 | Fan, 2.44" X 4.53" X 5/16" BORE          |
|            | 8.756-730.0 | FAN, 3.44"W X 4.75"D 5/16" BORE          |
|            | 8.756-726.0 | FAN, 3.44"W X 5.25"D 5/16" BORE          |
|            | 8.700-730.0 | BLOWER WHEEL, 525' x 3-7/16(307000)      |
|            | 8.700-728.0 | BLOWERWHEEL EG1/MSR3.44x4.25STAR MET MTR |
|            | 8.700-760.0 | FUEL PUMP, SUNTEC A2VA-3106 230V SOL     |
|            | 8.756-290.0 | FUEL PUMP, WCS - COMBO/W SOLENOID 120V   |
|            | 8.756-437.0 | PUMP - COMBO/W SOLENOID 12V/24V          |
|            | 9.107-507.0 | IGNITOR                                  |
|            | 8.700-803.0 | IGNITOR, 120V, BACK/M-MSR MOUNT          |
|            | 8.700-802.0 | IGNITOR, 120V, SIDE/EH-EHA MOUNT         |
|            | 8.756-291.0 | IGNITOR, BURNER, "E" 240 50-60           |
|            | 8.756-324.0 | IGNITOR, BURNER, "M" 240 50-60           |
|            | 8.756-436.0 | MOTOR, 1/4 120V 50-60HZ                  |
|            | 8.756-716.0 | MOTOR, 1/4 13.5VDC AMETEK                |
|            | 8.717-830.0 | MOTOR, 1/8HP 1PH 230V 3450RPM            |
|            | 8.756-293.0 | MOTOR, BURNER, 1/5 120V 50-60HZ          |
|            | 8.756-294.0 | MOTOR, BURNER, 1/5 230V 50-60HZ          |
|            | 8.756-292.0 | MOTOR, BURNER, 1/7 HP 120/60             |
|            | 8.700-739.0 | BURNER MOT 12V-WH MSR DC FASCO           |

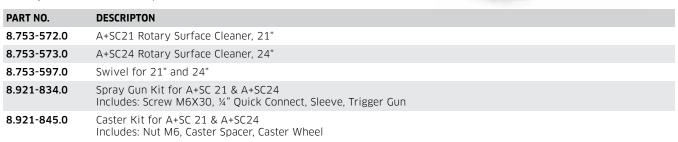
|                | Wayne Burner            |                                   |             |             |              |             |             |
|----------------|-------------------------|-----------------------------------|-------------|-------------|--------------|-------------|-------------|
|                | Order no.               | Description                       | Fuel Pump   | Ignitor     | Burner Motor | Burner Fan  | Coupling    |
| Replacement pa | rt cross reference char | rt                                |             |             |              |             |             |
|                | 8.756-181.0             | Burner, MSR 3.75 120V 1T 120V S   | 8.756-290.0 | 8.700-803.0 | 8.756-292.0  | 8.700-728.0 | 8.700-822.0 |
|                | 8.756-412.0             | Burner, MSR 13.5VDC 2T 12VDC S    | 8.756-437.0 | 9.107-507.0 | 8.700-739.0  | 8.756-660.0 | 8.700-721.0 |
|                | 8.756-413.0             | Burner, EHASR 120V 2T 120V S      | 8.700-760.0 | 8.700-802.0 | 8.756-436.0  | 8.756-438.0 | 8.700-776.0 |
|                | 8.756-480.0             | Burner, EHASR 12VDC DO 2T 12VDC S | 8.756-437.0 | 9.107-507.0 | 8.756-716.0  | 8.756-726.0 | 8.756-715.0 |
|                | 8.756-709.0             | Burner, MSR, 230V 1T 230V S       | 8.700-760.0 | 8.756-324.0 | 8.717-830.0  | 8.700-728.0 | 8.700-822.0 |
|                | 8.756-737.0             | Burner EHASR 230V 1T 120V S       | 8.756-290.0 | 8.756-291.0 | 8.756-294.0  | 8.700-730.0 | 8.700-776.0 |
|                | 8.756-738.0             | Burner, EHASR 120VAC 1T 120V S    | 8.756-290.0 | 8.700-802.0 | 8.756-293.0  | 8.700-730.0 | 8.700-776.0 |
|                | 8.756-756.0             | Burner, EHASR 12VDCDO 1T 12VDC S  | 8.756-437.0 | 9.107-507.0 | 8.756-716.0  | 8.756-730.0 | 8.756-715.0 |
|                | 8.756-890.0             | Burner , EHASR 12VDC DO 2T 12V S  | 8.756-437.0 | 9.107-507.0 | 8.756-716.0  | 8.756-726.0 | 8.756-715.0 |

## **SURFACE CLEANERS**

#### **SURFACE CLEANERS - A+ - 21" & 24"**

Fast, even cleaning for large flat surfaces. Quickly cleans concrete, asphalt, and it removes grime and deposits from tennis courts, ramps and decks. Also great for factory and semi-trailer floors and drive-thrus. Cleans better and faster than a spray wand alone, with no striping. Use with hot or cold water and handles water up to 212°F to disinfect bathrooms and kitchens. Safety lock prevents accidental spraying.

- Two Spinning Nozzles 'Floats' Cleaner Above the Ground
- Circular Design for Zero Wall Clearance
- Stainless-steel Housing and Handle
- Universal Inlet Fitting Kit to Accommodate All Common Configurations
- Reduces Overspray on Walls, Landscaping and Operator
- Two #2.0, 1/8" Nozzles (for machines up to #4.0 nozzles), 25° Nozzles Rated up to 8.0 GPM and 4000 PSI
- Requires at Least 3.0 GPM, 2000 PSI



#### **SURFACE CLEANERS - VAC RECOVERY**

PSI: 4000 PSIGPM: 10.5

■ Temperature: 210°F

■ 1/4 " 2.5 Nozzle

 Universal Inlet Fitting Kit to Accommodate All Common Configurations

Water Recovery with use of vacuum



| PART NO.    | DESCRIPTON                   |
|-------------|------------------------------|
| 9.113-972.0 | Vac Recovery Surface Cleaner |

### A+ 24" VENTURI PUMP SURFACE CLEANER



The classic 24" A+ Surface Cleaner with the added Venturi pump water recovery system and a 16' water recovery hose that allows you to recover water without the need of a vacuum unit. Effectively transfers water and small debris (smaller than 3mm) to a drain or tank.

Stainless-steel Housing and Handle

 Universal Inlet Fitting Kit to Accommodate All Common Configurations

Two #2.0, 1/8" Nozzles (for machines up to #4.0 nozzles), 25° Nozzles Rated up to 8.0 GPM and 4000 PSI

Requires at Least3.0 GPM, 2000 PSI



| PART NO.    | DESCRIPTON                   |
|-------------|------------------------------|
| 9.116-064.0 | Vac Recovery Surface Cleaner |



### LOWER SURFACE CLEANERS - GP - FLAT 12", 18" & 20"

#### DFSCP12 HANDHELD SURFACE CLEANER

PSI: 3500GPM: 6.5

■ Temperature: 180°F

■ Inlet M22 Male



#### DCFSCP SURFACE CLEANER, 18" AND 20"

■ PSI: 4000

■ GPM: 8.0

■ Temperature: 180°F

■ Inlet 3/8" FPT

■ Includes 1/4" 2.0 Nozzle



| PART NO.       | DESCRIPTON   |
|----------------|--|
| 9.112-957.0    | DFSCP12 GP Surface Cleaner, 12" 3500 PSI Handheld Flat ABS, Complete Assembly                      |
| 9.112-958.0    | DCFSCP18GZ GP Surface Cleaner, 18" 4000 PSI Brush Skirt ABS, 2-Arm, Zerk Fitting, Compensating Gun |
| 9.112-959.0    | DCFSCP20GZ GP Surface Cleaner, 20" 4000 PSI Brush Skirt ABS, 2-Arm, Zerk Fitting, Compensating Gun |
| REPAIR KITS FO | R DCFSCP   |
| 9.112-960.0    | Trigger Gun Replacement  |
| 9.112-961.0    | Spraybar 20" with Nozzles (for DCFSCP20)   |
| 9.112-962.0    | Spraybar 18" with Nozzles (for DCFSCP18)   |
| 9.112-963.0    | Swivel, Greaseable (for DCFSCP)  |
| 9.112-964.0    | Swivel Repair Kit, Greaseable (for DCFSCP)   |

#### **SURFACE CLEANERS - ECONOMY - 8" & 15"**

PSI: 4000Min: 2 GPMMax: 10.5 GPMTemperature: 180°F

■ Includes 2 1/4 Size 2.5 Nozzle

■ 15" Surface Cleaner: 1/4 QC Male Plug Inlet

■ 8" Surface Cleaner: 1/4 FPT





| PART NO.    | DESCRIPTON                                     |
|-------------|--|
| 9.112-967.0 | 15" Surface Cleaner with Wheels                |
| 9.112-968.0 | 8" Stainless-steel Surface Cleaner with Handle |
| REPAIR KITS |  |
| 9.113-078.0 | Swivel (for 9.112-967.0)                       |
| 9.113-080.0 | Swivel (for 9.112-968.0)                       |
| 9.113-079.0 | Spraybar (for 9.112-967.0)                     |
| 9.113-081.0 | Spraybar (for 9.112-968.0)                     |
| 9.113-097.0 | Caster Wheel (for 9.112-967.0)                 |
| 9.113-732.0 | Brush, 8" ( for 9.112-968.0)                   |

#### **SURFACE CLEANERS - WHISPER WASH FLAT**

#### THE "MAXIMA 36"

■ PSI: 2000 - 4000

■ GPM: 4-10

■ Temperature: 212°F

■ RPM: 2500

■ Portable Breakaway Handle

■ Uses 1/4" Nozzle

■ Dimensions: 36" Cover, 77" Handle

■ Weight: 37 lbs.



#### THE "BIG GUY"

■ PSI: 2000 - 4000

■ GPM: 4.0 - 10.0

■ Temperature: 212°F

■ Powder-Coated Aluminum Housing

■ Oversized, Self-lubricating Twin Thrust Bearings

■ 10" Pneumatic Tires, 4" Caster

 Crafted with Durable Stainless-steel and Aircraft Aluminum

■ Uses 1/4" Nozzle

■ Choice of 2 or 4 Nozzles

■ Dimensions: 28" x 44" x 12"



| PART NO.    | DESCRIPTON                                      |
|-------------|---|
| 8.710-089.0 | Maxima 36                                       |
| 8.710-074.0 | Whisper Wash Big Guy 2 Nozzles                  |
| 8.710-075.0 | Whisper Wash Big Guy 4 Nozzles                  |
| 9.109-608.0 | Surface Cleaner In-Line Water Filter for Handle |
| REPAIR KITS |   |
| 8.750-604.0 | Swivel, Complete Big Guy and Classic            |
| 8.701-879.0 | Repair Kit, Seal, Big Guy and Classic           |
| 8.701-874.0 | Spraybar, 4 Nozzle, Big Guy                     |
| 8.701-876.0 | Spraybar, 2 Nozzle, Big Guy                     |
| 8.701-882.0 | Seal Kit: Ultra Clean                           |
| 8.701-883.0 | Complete Swivel Kit: Ultra Clean                |
| 8.750-604.0 | Complete Swivel Kit: New Style                  |
| 8.707-653.0 | 2.5 x 25° 1/4" Nozzle Fits All                  |

#### **SURFACE CLEANER NOZZLE RECOMMENDATION**

Determine the correct nozzle size for the pressure washer being used with the surface cleaner. Never use a smaller size nozzle as this will wear out the unloader valve on the pressure washer prematurely. The Legacy Undercarriage Cleaner and A+ Surface Cleaners come with nozzles; for other surface cleaners, nozzles must be purchased separately. Threaded nozzles are listed on pages page 193-197 of the catalog, to determine your pressure washer nozzle size refer to chart on page 190. Contact us for additional sizes for surface cleaner spray bars which use

| four nozzles.<br>PRESSURE WASHER NOZZLE SIZE | QUANTITY NEEDED | 1/8" OR 1/4" MPT |
|--|-----------------|------------------|
| #3.5 and #4.0                                | 2 each          | #2.0             |
| #4.5 and #5.0                                | 2 each          | #2.5             |
| #5.5 and #6.0                                | 2 each          | #3.0             |
| #6.5 and #7.0                                | 2 each          | #3.5             |
| #7.5 and #8.0                                | 2 each          | #4.0             |

#### **UNDERCARRIAGE CLEANER**

No more crawling under a vehicle. Effortlessly wash away damaging debris from the bottom of your vehicle with the easy to handle and maneuver Legacy Undercarriage Cleaner. Simply connect to your hot or cold water pressure washer to remove road grime, fuel and oil contaminants, snow sludge, and ice. The stainless-steel rotating nozzle assembly requires a 5.5" under vehicle clearance.

■ PSI: 4000

■ GPM: 10.5

■ Temperature: 250°F

■ Four Nozzles:

(2) 0° #2.0 (2) 25° #2.0



| PART NO.    | DESCRIPTON            |
|-------------|-----------------------|
| 8.749-303.0 | Undercarriage Cleaner |

#### **UNDERCARRIAGE CLEANER & ROOF SURFACE CLEANER**

#### **UNDERCARRIAGE CLEANER**

- PSI: 4000 PSI
- GPM: 10.5
- Temperature: 210°F
- 1/4 " 2.5 Nozzle
- Universal Inlet Fitting Kit to Accommodate All Common Configurations
- 17cm Plate Height
- 26 lbs.



#### **ROOF SURFACE CLEANER**

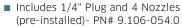
- PSI: 4000 PSI
- GPM: 10.5
- Temperature: 210°F
- 1/4 " 2.5 Nozzle
- 3/8" QC Socket
- 22 lbs.



| PART NO.    | DESCRIPTON                                     |
|-------------|--|
| 9.112-965.0 | Undercarriage Cleaner, 20" Stainless-steel     |
|             |  |
| 9.112-966.0 | Roof Surface Cleaner, 20" ABS                  |
| REPAIR KITS |  |
| 9.113-083.0 | Replacement Gun (for Undercarriage Cleaner)    |
| 9.113-074.0 | Swivel (for Undercarriage Cleaner)             |
| 9.113-076.0 | Swivel (for Roof Surface Cleaner)              |
| 9.113-075.0 | Spraybar (for Undercarriage Cleaner)           |
| 9.113-077.0 | Spraybar (for Roof Surface Cleaner)            |
| 9.113-096.0 | Caster Wheels 1.5" (for Undercarriage Cleaner) |
| 9.113-095.0 | Caster Wheels 3" (for Undercarriage Cleaner)   |
| 9.113-094.0 | Caster Wheels 5" (for Roof Surface Cleaner)    |

#### **WATER BROOM 16"**

- PSI: 4000
- GPM: 8.0
- Temperature: 250°F



■ Requires Wand (sold separately)



| PART NO.    | DESCRIPTION     |
|-------------|-----------------|
| 8.710-082.0 | Water Broom 16" |

#### **CURB CLEANER**

- PSI: 4000
- Adjustable Height 5'-9"
- 3 Side Nozzles
- 1 Top Nozzle



| PART NO.    | DESCRIPTION        |
|-------------|--------------------|
| 9.115-327.0 | Curb Cleaner       |
| 9.116-397.0 | Replacement Nozzle |

# OFFERING 21" UNDERCARRIAGE CLEANER KIT



- 4 GPM
- 36" 2 Piece extension wand swivel caster included
- "1/4" Plug inlet
- 212 degree temp max

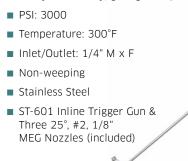


| PART NO.    | DESCRIPTION                         |  |
|-------------|-------------------------------------|--|
| 9.116-556.0 | Underbody Waterbroom<br>Combo - 21" |  |

#### UNDERBODY WAND ASSEMBLY - SELF SERVE



Ideal for rinsing the undercarriage of cars and trucks. Connect directly to a pressure washer. The lightweight underbody wand assembly rolls easily, giving the operator a longer reach.





| PART NO.    | DESCRIPTON   |
|-------------|--------------|
| 8.755-257.0 | Self Serve U |

Self Serve Underbody Wand Assembly

## NEW UNDERCARRIAGE CLEANER



- PSI: 4000
- 1/4" QC Plug Inlet



| PART NO.    | DESCRIPTON            |
|-------------|-----------------------|
| 9.114-996.0 | Undercarriage Cleaner |

#### **DUCT CLEANER**



#### **DUCT CLEANER**

Designed as an accessory for use with high-pressure pumps or pressure washers. Cleans ducts, chutes, vents, restaurant exhausts, tanks, etc.

Self-rotating and feeding stainless-steel triple bearing system for constant easy turning. Nozzle holders are 1/8" NPTF. Nozzles are sold separately.



- PSI: 4000
- Temperature: 250°FInlet Ports 3/8" NPTF
- Weight: 2 lbs.

#### 12" SURFACE CLEANER

Designed for effortless cleaning of small areas, including walls and angled surfaces. High RPM swivel with integrated toggle joint and adjustable tension system.

- PSI: 4000
- Temperature: 250°F
- Weight: 9 lbs.
- 12" Stainless-Steel
- Includes All Items Pictured



| PART NO.    | DESCRIPTON                         | PSI  |
|-------------|------------------------------------|------|
| 8.712-280.0 | Duct Cleaner TXR-2s,<br>Adjustable | 4000 |
| 8.712-279.0 | Duct Cleaner TXR-2s, Fixed         | 4000 |
| 8.749-911.0 | Surface Cleaner, 12"               | 4000 |
| 8.712-285.0 | Toggle Joint KGK                   | 4000 |

#### **DUCT CLEANER**

- PSI: 4000
- 10.5 GPM



| PART NO.    | DESCRIPTON                                     |
|-------------|--|
| 9.115-324.0 | Adjustable 6"                                  |
| 9.115-325.0 | Fixed 6"                                       |
| 9.115-326.0 | Adjustable 3"                                  |
| 9.116-398.0 | Replacement Nozzle 1/8"<br>for adjustable 1/8" |
| 9.116-399.0 | Replacement Nozzle 1/8"<br>for fixed 1/4"      |
| 9.116-400.0 | Replacement Swivel for 3' and 6"               |

# SANDBLAST KIT - TUNGSTEN CARBIDE NOZZLE HEAD - INDUSTRIAL

A Venturi orifice creates a uniform blast pattern, doubles sand velocity and produces up to 45% more work with 20% less sand.



- PSI: 1500 5500
- GPM: 3.0 10.0
- Temperature: 200°F
- Weight: 10 lbs.
- Nozzle Tip (sold separately)

| PART NO.    | DESCRIPTON                 |
|-------------|----------------------------|
| 8.701-485.0 | Industrial Sand Blast Kit  |
| 8.725-620.0 | Replacement Carbide Nozzle |

#### **SANDBLASTERS - INDUSTRIAL**

For the extra-tough cleaning jobs, wet-sandblasting is the dust-free solution. The sandblasters attach to a hot or cold water pressure washer and, using a venturi, mixes sand or other abrasive media with the high-pressure spray to create enough cleaning power to strip paint off concrete and barnacles from a ship's hull. The sandblasting nozzle is made of tungsten carbide for long life. There are two models—a top-of-theline steel pot with tight-fitting lid or with a probe only.

- Quick-connect coupler for ease in attaching sand probe or pot
- Valve for metering the flow of the media
- Tubed, pneumatic tires for easy maneuvering
- Rating: Super-duty



| PART NO.    | DESCRIPTION                      |
|-------------|----------------------------------|
| 8.904-470.0 | Sandblaster with Pot (Carbide)   |
| 8.904-472.0 | Sandblaster with Probe (Carbide) |

NOTE: Excluded from any dealer freight programs

- Recommended Usage: Heavy
- Attach to any hot or cold water pressure washer with minimum volume of 4 GPM



#### **SANDBLAST HOSE**

Heavy-duty spiralite hose available preassembled or by the foot.



- 3/4" spiralite sand hose with air hose locking couplers
- Temperature: -30°F to 130°F

| 1           |                       |            |
|-------------|-----------------------|------------|
| PART NO.    | DESCRIPTION           | SIZE       |
| 8.711-809.0 | Sand, Spiralite /ft   | 3/4"       |
| 8.711-839.0 | Assy, Sand, Spiralite | 3/4" x 25' |
| 8.711-840.0 | Assy, Sand, Spiralite | 3/4" x 40' |
| 0 711-011 0 | Cand Chiralita /ft    | 1"         |

# 8.711-811.0 Sand, Spiralite /ft

#### **SANDBLAST HEAD - PROFESSIONAL**

- PSI: 3500
- GPM: 10.0
- Temperature: 200°F
- Long-Wearing Carbide Sand Nozzle
- Sand Probe Weight: 6oz..



- Head Weight: 13oz..
- Length: 16"

| PART NO.    | DESCRIPTON                    | NOZZLE SIZE |
|-------------|-------------------------------|-------------|
| 8.711-242.0 | Sandblast Head                | 3.5         |
| 8.711-243.0 | Sandblast Head                | 4.0         |
| 8.711-244.0 | Sandblast Head                | 4.5         |
| 8.904-403.0 | Sandblast Head                | 5.0         |
| 8.711-245.0 | Sandblast Head                | 5.5         |
| 8.904-404.0 | Sandblast Head                | 6.0         |
| 8.711-247.0 | Sand Probe                    |             |
| 8.901-264.0 | 1/2" ID Polybraid Tubing, 25' |             |

#### SAND NOZZLE

Tungsten Carbide provides maximum durability for sandblasting application.



- Light weight
- Easily changed-30°F to 130°F

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.712-416.0 | Carbide Sand Nozzle |

#### SANDBLAST NOZZLE TIPS



- Replacement Tips for Sandblaster Kit
- Use 1/4" Meg 5" Spray Tip

| PART NO.    | DESCRIPTON   |
|-------------|--------------|
| 8.707-668.0 | 4.0 x 5° Tip |
| 8.707-685.0 | 5.0 x 5° Tip |
| 8.707-696.0 | 5.5 x 5° Tip |
| 8.707-701.0 | 6.0 x 5° Tip |
| 8.707-709.0 | 6.5 x 5° Tip |

#### **STEAM LANCE**

Completely insulated for maximum protection.

■ Lance with steam nozzle shown

Vented grip full length of lance

PART NO. DESCRIPTION 8.904-444.0 48" with Steam Nozzle 8.904-441.0 48" without Steam Nozzle

#### FOOT-CONTROLLED PRESSURE VALVE

Operators of sewer and tube cleaning equipment need both hands free to feed or retract the hose in the sewer line. Foot-operated valve allows hands-free control.





■ Brass Body

■ Stainless-steel Valve

#### 8.710-134.0

- PSI: Up to 5000
- GPM: 12.0
- Inlet 3/8", Outlet 1/4"

| PART NO.    | DESCRIPTION                               | PSI  |
|-------------|---|------|
| 8.710-134.0 | Sewer Cleaner Foot Valve                  | 3000 |
| 8.709-972.0 | Foot Valve with ST-2305                   | 5000 |
| 8.701-657.0 | Repair Kit - Foot Valve                   |      |
| 8.701-673.0 | Repair Kit ST-2305                        |      |
| 8.711-526.0 | Kit, 25' Hose, #4.5 Nozzle,<br>Foot Valve |      |

\*Heavy gauge steel construction for durability and stability

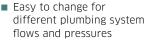
#### SLUDGE SUCKER - ST-36 PIT BOSS

Sludge Sucker uses a high-pressure water stream at 1000-3000 PSI to suck the sludge off the bottom of pits or tanks and eject it through a 1-1/2" diameter 15' long hose to a disposal tank.

The base unit attaches to the end of a pressure washer lance with a guick coupler for extension to the bottom of the pit. Uses a 0° tip for suction / power ejection.









■ Uses Standard 1/4" MPT Nozzle

| PART NO.    | DESCRIPTION                             |
|-------------|---|
| 8.711-112.0 | ST-35 Pit Boss, 5.5 Nozzle,<br>15' Hose |
| 8.711-110.0 | Base Unit Only                          |

\*without Hose, Nozzle or Quick Coupler (3/8" Inlet Port)

#### **DRUM PUMPS - RED HEAD**

Siphon liquids from higher to lower levels. Simply pump the bellows a few times to prime and start flow. Loosen air lock to stop.



- Drum Pump fits 15-, 30- and 55- Gallon Drums
- Fit 2" Bung Opening
- Excellent for Alkaline and Acidic Chemicals, Diesel Fuel and Oils
- Not for Use with Solvents

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 8.704-698.0 | Red Hex Head, Heavy-duty |
| 8.704-696.0 | Red Head, Standard-duty  |
| 8.704-694.0 | Pail Pump, 5 Gallon      |

#### **DRUM / TANK PUMP - CRANK STYLE**

Chemical-resistant, lightweight pump, ideal for dispensing chemicals, pesticides and oils. Polypropylene for most alkalies, dilute acids, pesticides and most oils and solvents. Ryton for extremely aggressive acids, aromatic and aliphatic hydrocarbons.



- 11 oz. Per Revolution
- 6.0 GPM at 70 RPM
- Viton Seals
- Polypropylene Gasket
- Outlet 3/4" Barb Two-piece
- 2" Bung Adapter
- 47" Suction Tube
- Weight: 2.6 lbs.

| PART NO.    | DESCRIPTION                  |
|-------------|------------------------------|
| 8.704-700.0 | Polypropylene Pump, Standard |
| 8.704-701.0 | Ryton Pump, Deluxe           |
| 8.700-526.0 | Replacement Handles          |

#### **DRUM PUMPS - TOOLS / ACCESSORIES**

8.712-534.0

The indispensable tools.







| 8.704-692.0 |
|-------------|
|             |

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.712-534.0 | Drum Plug Wrench |
| 8.704-689.0 | Lid-Off          |
| 8.704-691.0 | Funnel, 7" x 10" |
| 8.704-692.0 | 3/4" Faucet      |
| 8.704-693.0 | 2" Faucet        |

#### **BRUSHES**



Rotating brush, natural bristle (soft) used for painted surfaces. Nylon bristle (stiff) used for removing scum and grime on fiberglass boats, etc.





- Internal Nozzle: Size 20
- GPM: 8.0

| PART NO.            | DESCRIPTION |
|---------------------|-------------|
| BRUSH UNIT C        | OMPLETE     |
| 8.709-312.0         | Natural     |
| 8.709-314.0         | Nylon       |
| REPLACEMENT BRUSHES |             |
| 8.709-313.0         | Natural     |
| 8.709-316.0         | Nylon       |



8.709-298.0

#### Truck/Tractor Wash Brush

- Flag-Tipped
- Soft Bristle
- Acme Thread for Super Handles or Broom Handles

| PART NO.    | DESCRIPTION                      |
|-------------|----------------------------------|
| 8.709-298.0 | 2-1/2" Bristle with Bumper x 10" |
| 8.709-303.0 | 2-1/2" Bristle x 18"             |
| 8.709-304.0 | 2-1/2" Bristle x 24"             |
| 8.709-305.0 | 60" Flow Thru Lance*             |

<sup>\*</sup>With Acme Thread and Garden Hose Attachment



Deck Scrub Brush -Over / Under

- Not a Flow Thru
- Excellent Chemical Resistance
- Use with Threaded Handle
- Trimmed for Cleaning Hard-to-reach Areas
- Stiff Polypropylene Bristle for Aggressive Cleaning
- Unique Heavy-duty Scrub Brush with Multi-level Angle
- 10" Molded Polypropylene Foam Block does not Warp or Absorb Water

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.709-302.0 | Deck Scrub Brush |

#### **HANDLES - FIBERGLASS "SUPER HANDLES"**



- Tough, Durable, Lightweight
- No Cracking, Splintering
- No Kinks, Dents
- Safer Around Electrical Hazards
- Super Heavy-duty Aluminum Alloy Threads
- Easy-twist Cam Lock Extension
- Standard 3/4" Acme Thread Fits: Brooms, Brushes, Utility Tools
- Optional Reduction Adapter for 3/4" to Acme Standard

| PART NO.                | DESCRIPTION         |  |
|-------------------------|---------------------|--|
| SUPER HANDLE            | S                   |  |
| 8.709-306.0             | 48" Length (4')     |  |
| 8.709-307.0             | 60" Length (5')     |  |
| 8.709-308.0             | 72" Length (6')     |  |
| SUPER-EXTENSION HANDLES |                     |  |
| 8.709-309.0             | 4' to 8' Extension  |  |
| 8.709-310.0             | 6' to 12' Extension |  |
| 8.709-311.0             | 8' to 16' Extension |  |
| 8.700-308.0             | Threaded Adapter    |  |

#### **FOAMERS - FOAM CANNON**

The ideal Foam Generator Application Accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



- PSI Max: 3000
- GPM Max: 4.8
- Temperature: 140°F
- Brass Meter Valve
- High-impact, Glass Filled Body
- Stainless-steel Foam Turbulator
- 1/4" FPT Lance Connect
- Stainless-steel 1.5mm Orifice (#5.5 nozzle equivalent)

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.710-125.0 | Foam Cannon / Injector          |
| 8.710-126.0 | Foam Cannon / Injector / Bottle |
| 8.704-222.0 | Replacement Turbulator Screen   |
| 8.749-826.0 | Replacement Bottle              |

## FOAMERS - PF22 MTM HYDRO FOAM CANNON



- PSI Max: 5000
- GPM Max: 5.3
- Temperature: 140°F
- Inlet: 1/4" Q.C. Plug
- 1/4" M22 Adapter (Included)
- 1/4" x 9" Tube for Drawing Chemical
- 3.5 Orifice (1.25 mm) (installed in the foamer body)
- 3.0 orifice (1.1 mm) (included)

| PART NO.    | DESCRIPTION                       |
|-------------|-----------------------------------|
| 8.758-981.0 | PF22.2 MTM Hydro Foam Cannon      |
| 9.112-494.0 | PF22 3pk Replacement Bottle W/Cap |
| 9.112-945.0 | PF22 5pk Replacement Bottle W/Cap |

## **FOAMERS - SUTTNER ST-**75/76 KITS



Clean with foam and save time as well as use half the chemical. Many sizes and variations available. Ask us for additional size options. Foam injector conveniently attaches after the pump and unloader on your pressure washer.



#### ST-75 FOAM NOZZLE

- PSI: 4000
- Inlet 1/4"
- Weight: .31 lbs.

#### ST-76 FOAM NOZZLE

- PSI: 3625
- Inlet: 1/2"
- Weight: 1.15 lbs.

#### ST-160 INJECTOR

- PSI: 5000
- Stainless-steel Housing
- Single Chemical
- Inlet/Outlet: 3/8" F x M
- Weight: .71 lbs.

| PART NO.    | DESCRIPTION                          | ORIFICE     |
|-------------|--------------------------------------|-------------|
| 9.113-063.0 | Kit 1: ST-75 Nozzle & ST160 Injector | 2.0-3.5 342 |
| 9.113-064.0 | Kit 2: ST-75 Nozzle & ST160 Injector | 4.0-5.5     |
| 9.113-065.0 | Kit 3: ST-75 Nozzle & ST160 Injector | 6.5-7.0     |
| 9.113-066.0 | Kit 4: ST-76 Nozzle & ST160 Injector | 7.5-8.5     |
| 9.113-067.0 | Kit 5: ST-76 Nozzle & ST160 Injector | 9.0-12.0    |

#### **FOAMERS - LEGACY COMPACT**



Generates a high-density clinging foam for extended dwell-time to increase chemical action.



- PSI: 2500
- GPM: 1.0 to 5.0
- Temperature: 195°F
- Stainless-steel, Aluminum and Brass
- 5" Long, 1" Diameter
- 4 and 6.5 Nozzle Included

| PART NO.    | DESCRIPTION  |
|-------------|--------------|
| 8.903-998.0 | 1/8" F Inlet |
| 8.903-999.0 | 1/4" F Inlet |

Note: Most cleaning chemicals perform best when applied at  $120^\circ$  -  $150^\circ$ F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct product.

# NEW FOAM CANNON ADJUSTABLE PATTERN 2L





- 2 Liter
- Legacy Horizontal and Vertical Adjustable Pattern

| PART NO.    | DESCRIPTION        |
|-------------|--------------------|
| 9.114-849.0 | 1/4" QC Plug inlet |

# FOAM CANNON WIDE MOUTH 1.5L





- Wide Mouth 1.5 Liter
- A+ 1/4" QC Plug Inlet

| PART NO.    | DESCRIPTION   |
|-------------|---------------|
| 9.114-850.0 | 1/4" QC Inlet |

### **FOAMERS - LAFFERTY AIRLESS 10/20 SS**



- Machined Stainless-steel Construction
- Stainless-steel Chemical Check Valve & Quick Disconnects
- Temperature: 180°F Max
- Chemical Tube with Strainer: 10SS: 6" & 20SS 10"
- Color-coded Metering Tips for up to 21 Dilution Ratios
- 0° nozzle for Increased Foam-throw Distance

| PART NO.    | DESCRIPTION   | FLOW RATE @<br>2000 PSI |
|-------------|---------------|-------------------------|
| 8.749-908.0 | 10SS Combo    | 4.0 GPM                 |
| 8.749-909.0 | 20SS Hose End | 6.0 GPM                 |

#### **FOAMERS - FOAM JET KIT**

Long-distance foam applicator. Shoots over 20 feet of dense foam. Suction at 30 feet of height. Varable spray pattern.



- PSI: 5000
- GPM: 5.6
- Temperature: 140°F
- 1/4" Inlet
- 33' Tube

| PART NO.     | DESCRIPTION   |
|--------------|---|
| 8.750-296.0* | Foam Jet Kit, 5000 PSI, 5.6 GPM                     |
| 8.750-429.0  | Foam Repair Kit, O-Rings/<br>Stainless-Steel Filter |
| 8.750-430.0  | Foam Jet Repair Kit, Hose,<br>Valve & Filter        |

<sup>\*</sup>Includes tubing and fittings as shown

#### **FOAMERS - ADJUSTABLE WITH TANK**

Control the foam spray angle with the variable fan nozzle.



- PSI: 2600
- GPM: 5.3
- Temperature: 140°F
- Horizontal Variable Fan Nozzle
- Foam Control Adjustment Knob

| PART NO.    | DESCRIPTION                 |  |  |
|-------------|-----------------------------|--|--|
| 8.710-124.0 | Adjustable Foamer with Tank |  |  |

#### **SPRAYERS - B&G POLY-MOLDED**

3-gallon poly-molded sprayer with maximum chemcial resistance.



- Heavy-Duty Design, Economical Price
- Blue Poly-Molded Tank
- Funnel Top Design for Ease-of-filling
- Braided, Reinforced Hose
- Durable Plastic Valve and Extension
- Pin-to-cone Spray Tip Fully Repairable
- Optional Flat-Fan Spray Tips
- Buna Gaskets and Seals

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.697-172.0 | Poly-molded Sprayer |

## **SPRAYERS - CHAPIN AIR-POWERED**





- Pump-up Style
- Heavy-duty Plastic Sprayers for Chemical Applications
- Adjustable Nozzle Mist to Solid Stream
- 2-Gallon Sprayer has 2' Hose and Hand Trigger
- Excellent Chemical Resistance
- Locking Hand Pump Handle Serves as Carrying Handle

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.704-703.0 | Thumb Button 3 Pint |
| 8.704-702.0 | 2-Gallon Sprayer    |

#### **DISINFECTANT - VITAL OXIDE**

Vital Oxide is an EPA registered disinfectant and sanitizer with the following key attributes: Disinfection, Sanitizing, Odor Elimination, Eliminates SARS-CoV-2 (COVID-19), Carpet Sanitization, Allergen Removal, Kills Mold and Mildew, Parvo, Distemper, Tuberculous. Sanitizer dilution is NSF approved as a no rinse sanitizer for non-porous food contact surfaces. (US Only).



- pH: 8.0 9.0
- Color: Clear
- Scent: None
- Dilution: Disinfection: RTUCarpet Sanitizing: 1:5Sanitizing: 1:9
- Foam (1-5): 2
- Phosphate Free

| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.639-560.0 | Vital Oxide, 6 x 32 oz |
| 8.639-558.0 | Vital Oxide, 4 x 1 gal |
| 8.644-292.0 | Vital Oxide, 5 gal     |
| 8.642-823.0 | Vital Oxide, 15 gal    |
| 8.698-112.0 | Vital Oxide, 55 gal    |

## **RAIN SUIT, 2 PIECE**



- Heavy-duty, 2-ply Laminated Vinyl (25 mil)
- Jacket and Pants
- Bright Safety Yellow
- Vented for Air Flow

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.704-666.0 | Large       |
| 8.704-667.0 | Extra Large |

#### **TAPE - TEFLON® THREAD SEALING**



- Big 1/2" x 520" Roll
- Mil Spec #T27730

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.704-705.0 | Thread Sealing Tape |

#### **THREAD LOCK PRODUCTS**



- Direct Replacement for LocTite® & Fel-Pro™ Products
- Excellent Lubricant

- Prevents Corrosion and Fretting
- NDTM Anaerobic Adhesives: Liquid Materials that Cure to a Solid, Chemical-resistant Plastic State when Air is Not Present

| PART NO.    | DESCRIPTION                    | LOCTITE® EQUIV | BOTTLE SIZE |
|-------------|--------------------------------|----------------|-------------|
| 8.704-644.0 | Nut Grade™                     | 242            | 10 ml       |
| 8.704-645.0 | Nut Grade™                     | 242            | 50 ml       |
| 8.704-646.0 | Nut Grade™                     | 242            | 250 ml      |
| 8.704-648.0 | Stud Grade™                    | 271            | 10 ml       |
| 8.704-649.0 | Stud Grade™                    | 271            | 50 ml       |
| 8.704-650.0 | Penetrating Adhesive (Sealant) | 290            | 10 ml       |

Nut Grade™ & Stud Grade™ are trademarks of the Oakland Corp. LocTite® is a registered trademark fo the LocTite® Corp.

#### **GLOVES - INDUSTRIAL DUTY**

Industrial-grade gloves for most industry-needs – chemical, heat, abrasion protection.



#### **BLACK PVC GLOVE**

- 14" PVC Glove
- Lined with Cotton
- Good for Chemical Handling

- Resists alkalines, Acids
- Great as Sandblasting Gloves

| PART NO.    | DESCRIPTION     |  |  |  |
|-------------|-----------------|--|--|--|
| 8.704-669.0 | Black PVC Glove |  |  |  |

## HAND CLEANER - VICTOR WATERLESS COMMAND-O WITH PUMICE

A unique blend of natural citrus extract (limonene), aloe vera, glycerine, and lanolin, plus medication creates Command-O. Command-O combats the toughest cleaning task including grease, ink, tar, paint, dirt and stains.



- Conditioning agents protect hands and prevent drying, chapping and cracking
- Perfect for those whose hands are exposed to harsh, dirty working conditions
- No petroleum-based solvents

#### **SCALEMASTER**



■ 12X ■ 2 Lbs.

PART NO. DESCRIPTION

8.759-762.0

#### PART NO. DESCRIPTION

**8.704-635.0** Command-O Hand Cleaner

with Pumice, 1 gal

#### **HOSE REELS - LEGACY STACKABLE**

Hose reels built specifically for contractors who require flexibility on a job site. Stackable reels are supported on both sides of the central hub to accommodate more aggressive applications, such as trailer-mounted.





200' Mild Steel Stackable Hose Reel Options

**Reel Cart System** 



100' Mild Steel Stackable Hose Reel

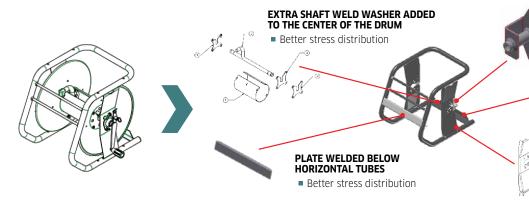


Hose Reel Riser Hose Guide

- Integrated frame adds protection and stacking ability
- Stack up to 3 high
- Heavy-duty powder-coated steel or stainless steel
- Reel and swivel rated up to 6000 PSI and 350°F
- Modular design is able to configure for various needs
- Reversible hand-crank and swivel

| PART NO.    | DESCRIPTION                                   |  |  |  |  |  |
|-------------|---|--|--|--|--|--|
| 9.801-767.0 | Stackable Hose Reel,<br>Mild Steel, 100'      |  |  |  |  |  |
| 9.801-768.0 | Stackable Hose Reel,<br>Mild Steel, 200'      |  |  |  |  |  |
| 9.801-770.0 | Stackable Hose Reel,<br>Stainless-steel, 200' |  |  |  |  |  |
| OPTIONS     |   |  |  |  |  |  |
| 8.923-415.0 | Hose Guide, 100' Reel                         |  |  |  |  |  |
| 8.923-427.0 | Hose Guide, 200' Reel                         |  |  |  |  |  |
| 8.923-416.0 | Hose Reel Riser                               |  |  |  |  |  |
| 8.923-918.0 | Reel Cart System                              |  |  |  |  |  |

NOTE: Hose not included



## "U" FOLDED PLATE ADDED TO LOCK PIN

■ Torque in welds reduction



## BASE PLATE THICKNESS INCREASED

■ Better stress distribution

#### FOLDS ADDED TO LATERAL PANELS

Better stress distribution

#### **HOSE REELS - LEGACY PIVOT & FIXED BASE**

Legacy hose reels were designed for ease of use and durability in commercial pressure washer applications. Offering 100' and 200' reels in both a fixed base and 360 degree rotating base. The oversized reel holds the advertised length plus leaves additional space reducing the difficulty of reeling hose. The unique extended swivel improves the hose connection and reduces hose wear and stress.



■ PSI: 5000

- Temperature: 325°F
- 100' 200' Fixed Base
- 100' 200', 360° Rotating Base
- High-Pressure, Double-Seal Swivels
- Reels equipped for 3/8" hose. Easily convertible to 1/2" hose with the change to a 1/2" swivel
- 2-Year Warranty

| PART NO.          | DESCRIPTION                    |  |  |  |  |  |
|-------------------|--------------------------------|--|--|--|--|--|
| 8.750-485.0       | Pivot Reel, 100' x 3/8"        |  |  |  |  |  |
| 8.750-482.0       | Pivot Reel, 200' x 3/8"        |  |  |  |  |  |
| 8.750-476.0       | Fixed Based, 100' x 3/8"       |  |  |  |  |  |
| 8.750-479.0       | Fixed Based, 200' x 3/8"       |  |  |  |  |  |
| 8.920-142.0       | Hose Reel, Trailer Mount, 100' |  |  |  |  |  |
| 8.920-143.0       | Hose Reel, Trailer Mount, 200' |  |  |  |  |  |
| 8.919-430.0       | Universal Mount                |  |  |  |  |  |
| 8.919-794.0       | Skid Mount                     |  |  |  |  |  |
| 8.919-437.0       | Wall Mount                     |  |  |  |  |  |
| 8.919-434.0       | Base Mount                     |  |  |  |  |  |
| 8.919-072.0       | Bracket, Universal             |  |  |  |  |  |
| 8.919-445.0       | Bracket, 90°                   |  |  |  |  |  |
| 8.919-441.0       | Bracket, 45°                   |  |  |  |  |  |
| 8.919-448.0       | Bracket, Vertical              |  |  |  |  |  |
| 9.121-043.0       | Handle, Replacement            |  |  |  |  |  |
| NOTE: Hose not in | cluded                         |  |  |  |  |  |

**Bracket Sockets** 









Universal Mount Skid Mount

**Wall Mount** 

Base Mount

#### **Non-Pivot Reel Brackets**





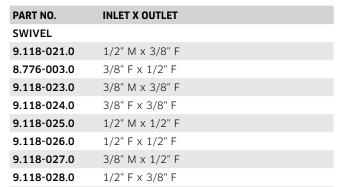


## HOSE REELS - LEGACY SWIVELS





- PSI: 5000
- Innovative Design
- Stainless-Steel Rotor
- Unique Dual Seal for Extra Long Life
- 2-Year Warranty
- O-Rings; BUNA-N



UNIVERSAL REPAIR KIT

8.776-001.0





- PSI: 5000
- Limits Bend and Hose Stress
- Stainless-Steel Rotor
- Unique Dual Seal for Extra Long Life
- 2-Year Warranty
- O-Rings; BUNA-N

| PART NO.             | INLET X OUTLET  |  |  |  |  |  |  |
|----------------------|-----------------|--|--|--|--|--|--|
| EXTENDED SWIVELS     |                 |  |  |  |  |  |  |
| 9.118-020.0          | 1/2" M x 3/8" F |  |  |  |  |  |  |
| 9.118-029.0          | 1/2" F x 3/8" F |  |  |  |  |  |  |
| 9.118-030.0          | 3/8" M x 3/8" F |  |  |  |  |  |  |
| 9.118-031.0          | 3/8" F x 3/8" F |  |  |  |  |  |  |
| 9.118-034.0          | 1/2" F x 1/2" F |  |  |  |  |  |  |
| 9.118-035.0          | 1/2" M x 1/2" F |  |  |  |  |  |  |
| 9.118-032.0          | 3/8" F x 1/2" F |  |  |  |  |  |  |
| 9.118-033.0          | 3/8" M x 1/2" F |  |  |  |  |  |  |
| UNIVERSAL REPAIR KIT |                 |  |  |  |  |  |  |
| 8.776-001.0          |                 |  |  |  |  |  |  |

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#### **HOSE REELS - AP**

AP hose reels have been designed to perfectly balance ruggedness and durability with affordability.





- Working PSI: 4000
- Rated Temperature: 225°F
- 3/8" or 1/2" Inlet / Outlet
- Flared Flanges for Maximum Capacity
- Solid Center Core for Maximum Strength
- Rolled, Beaded-Edge Flanges for Maximum Safety
- Easy Mounting Options for Maximum Versatility
- "Posi-Pin" Lock Prevents Unwanted Dereeling
- Heavy-Duty Powder-Coated Steel
- Easy Access External Swivel

| PART NO.    | HOSE DIAMETER   | CAPACITY (FT) | CORE WIDTH | FLANGE WIDTH | FLANGE DIAMETER | OVERALL HEIGHT |
|-------------|---|---------------|------------|--------------|-----------------|----------------|
| 8.711-192.0 | 3/8"  | 50            | 4.3        | 7.9          | 10.5            | 13"            |
| 9.804-067.0 | 3/8"  | 100           | 8.7        | 12.2         | 10.5            | 13"            |
| 8.711-199.0 | 3/8"  | 150           | 6.3        | 10.2         | 13.0            | 16.7"          |
| 8.711-201.0 | 1/2"  | 100           | 6.3        | 10.2         | 13.0            | 16.7"          |
| 8.712-460.0 | Replacement Swivel for Part No. 8.711-192.0 and 9.804-067.0 |               |            |              |                 |                |
| 8.712-469.0 | Replacement Swivel for Part No. 8.711-199.0                 |               |            |              |                 |                |
| 8.754-280.0 | Replacement Swivel for Part No. 8.711-201.0                 |               |            |              |                 |                |
| 8.700-188.0 | Replacement Handle  |               |            |              |                 |                |

#### **SWIVEL REPAIR KITS**

#### 8.900-855.0

Note: Hose is not included. See page 168 for connector hose.



- Working PSI: 4000
- Rated Temperature: 225°F
- Super-Reinforced Core Won't Collapse!
- Adjustable Brake for Controlled Reel Tension
- Convenient External Swivel

- Manual Rewind Handle Included
- Solid Core Bolts on to Flanges for Extra Strength
- Snap-Lock to Prevent Accidental Dereeling
- Bearings Have Oil Cap for Easy Field Maintenance

| PART NO.    | HOSE DIAMETER         | CAPACITY (FT)            | REEL SIZE WIDTH | REEL SIZE DIAMETER |
|-------------|-----------------------|--------------------------|-----------------|--------------------|
| 8.711-179.0 | 3/8"                  | 90                       | 6"              | 14"                |
| 8.711-180.0 | 3/8"                  | 140                      | 10"             | 14"                |
| 8.711-181.0 | 3/8"                  | 200                      | 14"             | 14"                |
| 8.711-186.0 | 1/2"                  | 115                      | 10"             | 14"                |
| 8.711-187.0 | 1/2"                  | 150                      | 14"             | 14"                |
| 8.711-182.0 | 3/8"                  | 150                      | 6"              | 18"                |
| 8.711-183.0 | 3/8"                  | 300                      | 10"             | 18"                |
| 8.711-184.0 | 3/8"                  | 350                      | 14"             | 18"                |
| 8.711-189.0 | 1/2"                  | 200                      | 10"             | 18"                |
| 8.711-190.0 | 1/2"                  | 270                      | 14"             | 18"                |
| 8.715-921.0 | Replacement Brake for | Part No. 8.711-182.0 and | 8.711-183.0     |                    |

NOTE: Hose is not included. Interchangeable parts available. Call for pricing. See page 168 for connector hose.

| PART NO.     | HOSE DIAMETER | DESCRIPTION       |
|--------------|---------------|-------------------|
| 8.700-287.0  | 3/8"          | Swivel Repair Kit |
| 8.700-285.0  | 1/2"          | Swivel Repair Kit |
| 8.900-855.0* |               | Swivel Repair Kit |

<sup>\*</sup>For Round Swivels. Replacement Swivels, See page 174-175.

#### **HOSE REELS - COXREELS**

Coxreels offer high performance in a very compact and lightweight hand crank or spring-driven hose reel. Perfect for mobile application and permanent floor and wall mount.



8.711-858.0



8.725-347.0



9.802-265.0



8.723-649.0 (Hose and Ball Stop Not Included)

- Rated Up to 4000 PSI
- Temperature: -20°F to 225°F
- Adjustable Drag Brake
- 90° Brass Swivel
- Spring Driven Hose Reel
- Lightweight, Compact Design
- Adjustable Drag Break
- Sturdy U-Shaped Frame
- PSI: Up To 4000
- Rolled edges and ribbed discs provide strength and safety
- Pro-Grade Heavy-Duty Steel
- 2-Year Mfg Limited Warranty

| PART NO.    | DESCRIPTION                                   | PSI  |
|-------------|---|------|
| 8.711-858.0 | 200' x 1/2" (300' x 3/8" with Adapter)        | 3000 |
| 8.725-347.0 | 100' x 3/8" - Fixed base hose reel            | 4000 |
| 8.711-860.0 | 100' x 3/8" - Challenger - Hand Crank Reel    | 4000 |
| 9.802-265.0 | 150' x 3/8" - Challenger - Hand Crank Reel    | 4000 |
| 8.723-649.0 | 50' x 3/8" - HPL Series - Spring Driven Reel  | 4000 |
| 8.723-718.0 | 100' x 3/8" - HPL Series - Spring Driven Reel | 3000 |
| 8.711-591.0 | Handle Replacement                            |      |
| 8.711-588.0 | Locking Pin Assembly                          |      |
| 8.705-132.0 | 1/2" to 3/8" Adapter for 8.711-858.0          |      |
| 8.750-020.0 | Ball Stop for 8.723-649.0                     |      |
| 8.711-585.0 | Replacement Swivel, 3/8"                      |      |
| 8.711-584.0 | Replacement Swivel, 1/2"                      |      |
| 8.711-587.0 | Swivel Repair Kit, 3/8"                       |      |
| 8.711-590.0 | Swivel Repair Kit, 1/2"                       |      |

## **HOSE REELS - GENERAL PUMP A-FRAME HOSE REELS**



- Working PSI: 5000
- Rated Temperature: 250°F
- 1/2" NPT-F Inlet / Outlet
- Heavy Duty Powder Coated Steel
- Jumper/Pigtail Hose Not Included
- Stainless Steel Swivel Included







9.112-952.0 (reel not included)



9.112-955.0 (reel not included)



9.112-951.0 (reels not included)

| PART NO.    | DESCRIPTION PSI  |
|-------------|--|
| 9.112-948.0 | DHRA50150, 150' x 3/8" Charcoal Gray Steel <b>A-frame Hose Reel</b> with Stainless-steel Swivel 5000 |
| 9.112-949.0 | DHRA50300, 300' x 3/8" Charcoal Gray Steel <b>A-frame Hose Reel</b> with Stainless-steel Swivel 5000 |
| 9.112-950.0 | DHRA50450, 450' x 3/8" Charcoal Gray Steel <b>A-frame Hose Reel</b> with Stainless-steel Swivel 5000 |
| ACCESSORIES |  |
| 9.112-951.0 | Hose Reel Stacking Kit, DHRA50150 A-frame c/w 150'/300' Cross Bracket                                |
| 9.112-952.0 | Hose Guide Kit, DHRA50150 A-frame Hose Reel (reel not included)                                      |
| 9.112-953.0 | Hose Guide Kit, DHRA50300 A-frame Hose Reel (reel not included)                                      |
| 9.112-954.0 | Hose Guide Kit, DHRA50450 A-frame Hose Reel (reel not included)                                      |
| 9.112-955.0 | Hose Reel Cart, A-frame (150', 300', 450') Complete with DP80052 10" Solid PU Wheels (cart only)     |
| 9.114-894.0 | Kit Motor, Drive, Rings DHRA Rewind  |
| 9.114-895.0 | Ball Valve Nickel Plate 1/2" FXF 5000 PSI  |

## NEW HOSE REELS - GENERAL PUMP SWIVELS





9.112-946.0

| PART NO.    | DESCRIPTION  | PSI  | DESCRIPTION | MATERIAL        |
|-------------|--|------|-------------|-----------------|
| 9.112-944.0 | Swivel (D30001/02 / DHRWM50200)  | 4000 | 3/8"        | Brass           |
| 9.112-945.0 | Swivel, Hex Outlet with Arm (DHR50100, DHR50150, 2100357)  | 5000 | 3/8" NPT-F  | Brass           |
| 9.112-946.0 | Swivel, A-frame Hose Reels 440A, Bearing with Zerk Fitting, Electro-polished Surface, Viton Seals    | 5000 | 1/2" NPT    | Stainless-steel |
| 9.112-947.0 | Swivel, A-frame Hose Reels 440A, Bearing with Zerk Fitting,<br>Electro-polished Surface, Viton Seals | 5000 | 3/8" NPT-F  | Stainless-steel |
| 9.114-676.0 | Repair Kit for DHRA Hose Reel Swivel   |      |             |                 |

#### **LEGACY "BEST" SPRAY GUN**

Legacy

Ergnomically designed to be the most comfortable gun on the market.



- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 21 oz.

| PART NO.    | DESCRIPTION        |  |
|-------------|--------------------|--|
| 8.751-213.0 | "Best" Spray Gun   |  |
| 8.701-673.0 | Unitized Valve Kit |  |

## LEGACY "INDUSTRIAL" SPRAY GUN



Featuring a comfortable grip to reduce user fatigue.



- PSI: 5000
- GPM: 10.4
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 19.84 oz.

| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.751-214.0 | "Industrial" Spray Gun |
| 8.751-119.0 | Valve Kit              |

#### **MV925 TRIGGER GUN**

Economical easy pull trigger gun.



- PSI: 4500
- GPM: 8
- Temperature: 320°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 16.08 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.754-907.0 | MV925       |

#### **M407 TRIGGER GUN**



- PSI: 4000
- GPM: 7
- Temperature: 250°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 13.4 oz.

| PART NO.    | DESCRIPTION         |  |
|-------------|---------------------|--|
| 8.750-247.0 | M407 Trigger Gun    |  |
| 8.750-456.0 | M407 Gun Repair Kit |  |

#### **ECONOMY TRIGGER GUN**







- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" Female Inlet x 1/4" Outlet
- Weight: 23 oz.
- Private Label this Gun Ask your sales rep

| PART NO.    | DESCRIPTION        |
|-------------|--------------------|
| 9.113-082.0 | A+ Trigger Gun     |
| 9.113-100.0 | Unitized Valve Kit |

#### **GIANT TRIGGER GUNS**

The original "heavy-weight".`





- PSI: 5000
- GPM: 10
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 29.28 oz.

| PART NO.    | DESCRIPTION                                |
|-------------|--|
| 8.710-394.0 | 21290C - Brass Outlet                      |
| 8.710-392.0 | 21250B - Stainless-Steel Outlet            |
| 8.722-172.0 | Repair Kit for Giant 212990C<br>and 21250B |

## CERAMIC UNITIZED BALL VALVE SUTTNER W



- Ceramic Ball
- Highly Resistant Against Nearly All Soaps and Acids
- Fits in ST-2300, 2305, 2605, 2700 Spray Guns as a Repair Kit

| PART NO.    | DESCRIPTION                 |
|-------------|-----------------------------|
| 8.749-907.0 | Ceramic Unitized Ball Valve |

## ST-2720 SUTTNER TRIGGER GUN Designed for operators and applications with

longer periods of cleaning time. Featuring the Relax-Action™ German engineered technology reduces trigger pulling force by 40% and holding force up to 90% compared to usual competitors spray gun.



- PSI: 1800
- GPM: 21.0
- Temperature: 300°F
- 3/8" Female NPT Inlet x 1/4" Female NPT Outlet
- Weight: 20 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.723-667.0 | ST-2720 Gun |

## ST-2305 SUTTNER TRIGGER GUN SUTTNER W

Easy pull trigger.



- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 16.22 oz.

| PART NO.    | DESCRIPTION                         |
|-------------|-------------------------------------|
| 8.758-457.0 | ST-2305 Spray Gun,<br>Safety Orange |

#### **ST-810 SUTTNER TRIGGER GUN**



Excellent for truck and fleet washing applications.



- PSI: 2000
- GPM: 8
- Temperature: 320°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 19.5 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.710-372.0 | ST-810 Gun  |

#### ST-2605 SUTTNER TRIGGER GUN SUTTNER W Relax action design.



- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 21 oz.

| PART NO.    | DESCRIPTION    |
|-------------|----------------|
| 8.710-376.0 | ST-2605        |
| 8.701-673.0 | Unitized Valve |

## ST-2305 SUTTNER TRIGGER GUN SUTTNER W



Extreme durability with easy pull trigger and ceramic ball in valve for higher chemical resistance.



- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 21 oz.

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.710-386.0 | ST-2305             |
| 8.701-673.0 | Unitized Valve      |
| 8.701-674.0 | Unitized Weep Valve |

#### ST-2000 SUTTNER TRIGGER GUN



15° offset angle thru gun for easier overhead use. The handle style for "Big Hands".



- PSI: 5000
- GPM: 10.4
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 26 oz.

| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.710-388.0 | ST-2000                   |
| 8.751-119.0 | Unitized Valve - 5000 PSI |
| 8.701-665.0 | Unitized Weep Valve       |

## ST-1500 SUTTNER TRIGGER GUN SUTTNER W



The perennial favorite for general pressure washer applications.



- PSI: 5000
- GPM: 10.4
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 20.5 oz.

| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.710-384.0 | ST-1500                   |
| 8.710-385.0 | ST-1500 with Weep         |
| 8.751-119.0 | Unitized Valve - 5000 PSI |
| 8.701-665.0 | Unitized Weep Valve       |

## ST-2700 SUTTNER TRIGGER GUN SUTTNER W

Relax action design, stainless-steel gun.



- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 21 oz.

| PART NO.    | DESCRIPTION    |
|-------------|----------------|
| 8.710-389.0 | ST-2700        |
| 8.701-658.0 | Unitized Valve |

## ST-2315 SUTTNER TRIGGER GUN SUTTNER W

Extreme durability with easy pull trigger.



- PSI: 5000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 20.8 oz.

| PART NO.    | DESCRIPTION   |  |
|-------------|---|--|
| 9.106-073.0 | ST-2315, Ceramic Ball Valve for<br>Chemical and Acid Resistance |  |

#### PA TRIGGER GUN

Great for truck and fleet wash.



- PSI: 3200
- GPM: 8
- Temperature: 320°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 10 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.710-440.0 | RL20        |
| 8.704-180.0 | Repair Kit  |

Compact feel for smaller hands.



- PSI: 5000
- GPM: 10.5
- Temperature: 320°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 26 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.710-377.0 | RL30-YG5000 |
| 8.704-616.0 | Repair Kit  |



- PSI: 5000
- GPM: 10.5
- Temperature: 320°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 27.5 oz.

| PART NO.    | DESCRIPTION    |  |
|-------------|----------------|--|
| PART NO.    | DESCRIPTION    |  |
| 8.710-378.0 | Vega 5000      |  |
| 0.704.333.0 | Value Vit Vega |  |
| 8.704-232.0 | Valve Kit Vega |  |
| 8.704-615.0 | Repair Kit     |  |

Easy pull and easy to hold with matching blue lance.



- PSI: 5650 ■ GPM: 8
  - Temperature: 320°F
  - 3/8" FPT Inlet x 1/4" FPT Outlet
  - Weight: 23.3 oz.
  - Blue Vent Grip, Stainless-steel Lance has 1/4" BSP Threads





#### 40" Stainless-Steel Blue Grip Lance

| PART NO.    | DESCRIPTION   |
|-------------|---|
| 9.802-227.0 | RL-56 Blue Gun and Wand<br>(nozzle protector not included)        |
| 8.710-446.0 | RL-56 Blue Gun  |
| 8.710-645.0 | 40" Stainless-Steel Lance, blue vent grip (with nozzle protector) |
| 8.704-610.0 | Repair Kit, RL-55/RL-56   |

#### **PA LINEAR GUN**

Ergonomic design minimizes fatigue for operator.





- PSI: 4500
- GPM: 10.5
- Temperature: 320°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 19.2 oz.

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 8.752-080.0 | PA Linear Gun            |
| 9.801-398.0 | PA Linear Gun Repair Kit |

#### SUTTNER TRIGGER GUN



15° offset angle thru gun for easier overhead use.



- PSI: 4000
- GPM: 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 23 oz.

| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.710-370.0 | ST-601                    |
| 8.751-119.0 | Unitized Valve - 5000 PSI |

#### **BIG GUN**





- PSI: 3200
- GPM: 53
- Temperature: 210°F
- 3/4" FPT Inlet x 1/2" FPT Outlet
- Weight: 47.5 oz.



- PSI: 7250
- GPM: 21
- Temperature: 210°F
- 1/2" Stainless-Steel FPT Inlet / Outlet
- Weight: 60.3 oz.

#### Model RL84 "Big Black Gun"

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 8.740-165.0 | Model RL204              |
| 8.749-327.0 | Repair Kit - Model RL204 |
| 8.704-136.0 | Repair Kit - Model 100   |
| 8.704-612.0 | Repair Kit - Model 160   |
| 8.710-445.0 | Model RL84               |
| 8.750-459.0 | Repair Kit - RL84        |

RL-56 Gun

#### **ML320**

Excellent light-duty gun.





- PSI: 2320
- GPM: 6.6
- Temperature: 212°F
- 1/4" M Inlet x 1/4" F Outlet
- Weight: 8.82 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.757-839.0 | ML320       |

#### **GP LOCKING TRIGGER GUN**

Rear Entry Spray Gun, Locking Trigger.



- PSI: 5000
- GPM: 10.5
- Temperature: 320°F
- 3/8" NPT-F Inlet x 1/4" NPT-F Outlet
- Weight: 22.4 oz.

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 9.113-653.0 | DGE5010SL   |

## **OPEN GUNS**

Flow through design offers less downtime for repair

#### **AP1000 OPEN GUN**

Durable glass reinforced handle. Tubular flow-thru intervals for high pressure and efficiency.



- PSI: 4000
- GPM 12
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 16.7 oz.

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.710-396.0 | AP1000 Open Gun                 |
| 8.750-951.0 | AP1000 Weep Gun with Blue, Lock |

#### **MV 925 OPEN GUN**

Just plain comfortable!



- PSI: 4060
- GPM 8
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 12.3 oz.

| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 8.754-988.0 | MV925 without trigger |

#### ST-1500H OPEN GUN





- PSI: 5000
- GPM 10.4
- Temperature: 300°F
- 3/8" FPT Inlet x 1/4" FPT Outlet
- Weight: 20.5 oz.

PART NO. **DESCRIPTION** 8.710-383.0 ST-1500 Open Gun

#### FLOW-THRU GUN



| PART NO.                  | DESCRIPTION                         |  |
|---------------------------|-------------------------------------|--|
| 8.710-400.0               | Full Black Grip 3/8" FPT x 1/4" FPT |  |
| GUN HANDLE WITH 18" LANCE |                                     |  |
| 8.710-403.0               | Slim Red Grip 1/4" M x 1/4" F       |  |
| 8.710-404.0               | Full Red Grip 3/8" F x 1/4" M       |  |

#### **AP DUMP GUN**

Water continues to run through the tube even when tigger





|              | *                  | ,         |  |
|--------------|--------------------|-----------|--|
| PART NO.     | DESCRIPTION        | WEIGHT    |  |
| 8.710-405.0  | Dump Gun 16" Lance | 45.15 oz. |  |
| 8.710-406.0  | Dump Gun 40" Lance | 59.61 oz. |  |
| 8 70/L-169 0 | Panair Kit         |           |  |



Industrial duty dual-barrel. ■ PSI: 3000 ■ GPM: 10 ■ Temperature: 300°F 3/8" FPT Inlet x 1/4" FPT Outlet

| = 3/0 111 milet x 1/1 111 Outlet   |
|------------------------------------|
| ■ Includes: QC Socket at Inlet and |
| OC Blug at Outlot                  |

QC Plug at Outlet

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 8.710-408.0 | Dump Gun with 36" Barrel |
| 8.700-311.0 | Repair Kit               |

#### **VP DUAL LANCE**

Superlite stainless-steel with nozzle guard and 1/4" stainless-steel outlet tubing.



- PSI: 4000
- 1/4" stainless steel tubes
- Fully insulated

■ Forged Brass Valve Body with stainless steel valve bushing

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.711-308.0 | 41"         |

#### **DUAL LANCES**

Interpump Dual Lance. Excellent for downstream injector and zince plated for chemical resistance.





#### **Dual Lance**

- PSI:4050
- GPM: 10.5
- Temperature: 284°F
- Side Handle Valve Side Handle Valve Adjustment
- 1/4" Male Inlet
- 1/4" Dual Outlet

#### **Deluxe Dual Lance**

- PSI:4050
- GPM: 10.5
- Temperature: 284°F
- Adjustment
- 1/4" Male Inlet
  - 1/4" Dual Outlet ■ Includes: 1/4" QC
  - Brass Coupler, Brass Soap Nozzle

#### **Dual Vented Lance**

- PSI: 4050
- GPM: 10.5
- Temp; 284°F

Holder

- 1/4" QC Nozzle
- 1/4" Soap Nozzle included
- 1/4" MPT inlet \*(Does not include male inlet QC

| PART NO.          | DESCRIPTION         |  |
|-------------------|---------------------|--|
| DUAL LANCE        |                     |  |
| 8.710-612.0       | 36" Standard        |  |
| 8.710-621.0       | 72" Extended        |  |
| DELUXE DUAL LANCE |                     |  |
| 8.904-281.0       | 72" Deluxe Extended |  |
| DUAL VENTED LANCE |                     |  |
| 9.114-032.0       | 36" Dual Vented     |  |
| REPAIR KIT        |                     |  |
| 8.900-135.0       | Valve Repair Kit    |  |

#### **DUAL LANCES**

Premium dual lance with stainless-steel inset.





#### AL 333 Basic Lance

- 3650 PSI
- GPM: 10.5
- Temperature: 300°F
- 1/4" Male Inlet
- 1/4" F NPT Dual Outlets
- 40" Molded Grip
- 1/8" Zinc-plated Tubes

#### **AL344LS VP Lance**

- 4000 PSI
- GPM: 10.5
- Temperature: 302°F
- 1/4" Male Inlet
- Stainless Steel Seat & 40" Vented Grip
- 1/4" Stainless-steel Tubes
- 1/4" & 1/8" F NPT **Dual Outlets**
- (QC nozzles not included)

#### AL344LS VPKIT - Premium

■ Includes: 1/4" QC & Soap Nozzle, Nozzle Protector and Valve Cover

#### AL344LS VPKIT - Standard

Nozzle Protector and Valve Cover only

| PART NO.            | DESCRIPTION  |
|---------------------|--|
| DUAL LANCE          |  |
| 8.710-724.0         | 40 " AL333 Basic Dual Lance  |
| 8.710-722.0         | 40" AL344LS-VPKIT Standard<br>Dual Lance                                 |
| 8.904-360.0*        | 40" AL344LS-VPKIT Premium<br>Dual Lance with 1/4" QC Brass<br>Inlet Plug |
| REPAIR KIT          |  |
| 8.720-548.0         | AL333 Repair Kit   |
| 9.803-267.0         | AL344 Repair Kit   |
| *Model includes a b | ardened steel OC inlet plug  |

\*Model includes a hardened-steel QC inlet plug.





## **DUAL LANCES**

Dual lances allow for easy switching between high pressure cleaning and low pressure chemical application (chemical injector required). Stainless steel pipes give increased life when applying variable Ph products.

## SUTTNER DUAL LANCES

High-pressure, thin-wall tubing and zinc / chromate finish.



#### ST-54 with Side Handle

- PSI: 4000 or 4500
- GPM: 10
- Temperature: 300°F

## SUTTNER W

ST-53 with Knob

- 38" Total Length, Molded Grip
- Weight: 42 oz.

| PART NO.    | DESCRIPTION                       |
|-------------|-----------------------------------|
| 8.710-613.0 | ST-53 with Knob (4000 PSI)        |
| 8.710-614.0 | ST-54 with Side Handle (4500 PSI) |
| 8.701-594.0 | Repair Kit (ST-53)                |
| 8.900-153.0 | Clamp Kit (ST-53/54)              |
| 8.701-602.0 | Repair Kit (ST-54)                |

## LEGACY SQUARE MOLDED GRIP LANCES



High-quality chrome-plate finish. Solid molded polymer construction and handle with hollow-rib for increased heat dissipation.



- PSI: 5250
- Temperature: 300°F

- GPM: 12
- 1/4" Male Inlet and Outlet

| PART NO.     | DESCRIPTION        |
|--------------|--------------------|
| 8.752-898.0  | Lance, Molded, 12" |
| 8.752-899.0* | Lance, Molded, 20" |
| 8.752-900.0  | Lance, Molded, 24" |
| 8.752-901.0  | Lance, Molded, 28" |
| 8.752-902.0* | Lance, Molded, 36" |
| 8.752-903.0  | Lance, Molded, 48" |
| 8.752-904.0  | Lance, Molded, 60" |
| 8.752-905.0* | Lance, Molded, 79" |

\*BENT VERSION AVAILABLE Call representative for pricing and to order.

## LEGACY OVAL MOLDED GRIP LANCES



A comfortable grip reducing fatigue and a stainless-steel or highquality chrome-plated finish. Solid molded polymer construction and handle with hollow-rib for increased heat dissipation.



- PSI: 5250
- Temperature: 300°F
- 1/4" Male Inlet and Outlet
- Bent or Straight lance options

| PART NO.          | DESCRIPTION   |
|-------------------|---|
| STAINLESS-STEE    | ïL  |
| 8.752-882.0       | Lance, Molded, 12"                                      |
| 8.752-883.0*      | Lance, Molded, 20"                                      |
| 8.752-884.0*      | Lance, Molded, 24"                                      |
| 8.904-301.0       | Lance, Molded, 24", Bent 15°                            |
| 8.752-885.0       | Lance, Molded, 28"                                      |
| 8.904-302.0       | Lance, Molded, 28", Bent 15°                            |
| 8.752-886.0*      | Lance, Molded, 36"                                      |
| 8.752-887.0       | Lance, Molded, 48"                                      |
| 8.904-304.0       | Lance, Molded, 48", Bent 15°                            |
| 8.904-303.0       | Lance, Molded, 36", Bent 15°                            |
| 8.752-888.0*      | Lance, Molded, 60"                                      |
| 8.752-889.0*      | Lance, Molded, 79"                                      |
| 8.904-306.0       | Lance, Molded, 79", Bent 15°                            |
| CHROME-PLATE      | D   |
| 8.752-890.0       | Lance, Molded, 12"                                      |
| 8.752-891.0       | Lance, Molded, 20"                                      |
| 8.752-892.0*      | Lance, Molded, 24"                                      |
| 8.752-893.0       | Lance, Molded, 28"                                      |
| 8.752-894.0       | Lance, Molded, 36"                                      |
| 8.752-906.0       | Lance, Molded, 36", with handle                         |
| 8.904-324.0       | Lance, Molded, 36", with handle,<br>Bent 15°            |
| 8.752-895.0       | Lance, Molded, 48"                                      |
| 8.752-907.0       | Lance, Molded, 48", with handle                         |
| 8.752-896.0       | Lance, Molded, 60"                                      |
| 8.752-897.0       | Lance, Molded, 79"                                      |
| *DENT \/EDGLON 41 | (All ABLE Call assessmentation for antidos and to and a |

\*BENT VERSION AVAILABLE Call representative for pricing and to order.

#### SUTTNER LANCES SUTTNER W High-pressure, thin-wall tubing and stainlress steel finish.. **DESCRIPTION** PART NO. 15 DEG BENT 9.113-700.0 Molded 36" SS 6000 PSI 9.113-701.0 Molded 48" SS 6000 PSI **STRAIGHT** 9.113-704.0 Molded Grip 48" SS Lance 6000 PSI 9.113-705.0 Molded Grip 36" SS Lance, 6000 PSI

## **AP UNINSULATED LANCES**

Stainless-steel or corrosion-resistant, bright zinc-plated lances made with 1/4" high-pressure, lightweight, thin-wall tubing and superior strength rolled threads.

■ PSI: 4100 ■ Temperature: 300°F

| PART NO.        | DESCRIPTION          |  |
|-----------------|----------------------|--|
| STAINLESS-STEEL |                      |  |
| 8.710-623.0     | Length, 12"          |  |
| 8.710-624.0*    | Length, 20"          |  |
| 8.904-285.0     | Length 20", Bent 15° |  |
| 8.710-625.0*    | Length, 24"          |  |
| 8.904-286.0     | Length 24", Bent 15° |  |
| 8.710-626.0     | Length, 28"          |  |
| 8.710-627.0     | Length, 36"          |  |
| 8.710-628.0     | Length, 48"          |  |
| 8.710-629.0     | Length, 60"          |  |
| 8.710-630.0     | Length, 78"          |  |
| 8.904-291.0     | Length 78", Bent 15° |  |
| ZINC-PLATED     |                      |  |
| 8.710-631.0     | Length, 12"          |  |
| 8.710-632.0     | Length, 20"          |  |
| 8.710-633.0     | Length, 24"          |  |
| 8.710-634.0*    | Length, 36"          |  |
| 8.710-635.0*    | Length, 48"          |  |
| 8.710-636.0     | Length, 60"          |  |
| 8.904-297.0     | Length 60", Bent 15° |  |
| 8.710-637.0     | Length, 78"          |  |
| 8.904-298.0     | Length 78", Bent 15° |  |

#### \*BENT VERSION AVAILABLE Call representative for pricing and to order.

#### **LEGACY VENTED LANCES**

Stainless-steel or high-quality chrome-plate finish with molded glass-filled polyamide handle for heat dissipation with hollow insulators for increased heat venting.



F31. 3230

■ Temperature: 300°F

1/4" Female Outlet

| PART NO.       | DESCRIPTION        |
|----------------|--------------------|
| STAINLESS-STEE | L                  |
| 8.752-868.0    | Lance, Vented, 20" |
| 8.752-869.0    | Lance, Vented, 24" |
| 8.752-871.0    | Lance, Vented, 36" |
| 8.752-872.0    | Lance, Vented, 48" |
| 8.752-873.0    | Lance, Vented, 60" |
| 8.752-874.0    | Lance, Vented, 79" |
| CHROME-PLATE   | D                  |
| 8.752-875.0    | Lance, Vented, 20" |
| 8.752-876.0    | Lance, Vented, 24" |
| 8.752-878.0    | Lance, Vented, 36" |
| 8.752-879.0    | Lance, Vented, 48" |
| 8.752-880.0    | Lance, Vented, 60" |
| 8.752-881.0    | Lance, Vented, 79" |

## SUTTNER PUSH AND PULL LANCE



Vented grip can be pushed and pulled up to 90°. For hard to reach applications, such as gutters, fenders, trucks and heavy equipment.



| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.710-711.0 | ST-85 Push and Pull Lance |
| 8.710-720.0 | Handle, Side              |

## BIG STAINLESS-STEEL LANCES & SIDE HANDLES

For big guns! Complete with an adjustable handle and coupler for 1/4" MPT nozzle and high-pressure stainless-steel pipe.



■ 1/2" MPT Gun Connection

| PART NO.    | DESCRIPTION  | PSI  |
|-------------|--|------|
| 8.904-081.0 | 20" Wand with Handle   | 4050 |
| 8.904-083.0 | 40" Wand with Handle   | 4050 |
| 8.904-086.0 | Side Handle Only   | -    |
| 8.710-411.0 | 39", Stainless-steel, 300°F,<br>Inlet 1/2" MNPT, Outlet<br>1/4" FMPT ST-3600 | 8700 |

## **LANCE HANDLES / ACCESSORIES**

Vented grip, side handle with nut, and vented grip with side handle, can be user-attached to unisulated lances or 1/4" steel pipe. Detachable and reusable!



| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.710-717.0 | Vent Grip Only (14" long) |
| 8.904-357.0 | Grip with Side Handle     |



| PART NO.    | DESCRIPTION                    |
|-------------|--------------------------------|
| 8.710-716.0 | Vent Grip Only (14" Long) ST-9 |
| 8.710-719.0 | Grip with Side Handle          |
| 8.710-720.0 | Side Handle with Nut           |

#### **MV LANCE HANDLE**





- Use On All 1/4" Lances
- Easily Positioned without Removal of Nozzle

| PART NO.    | DESCRIPTION       |
|-------------|-------------------|
| 8.704-162.0 | 1/4" Lance Handle |

### **GUTTER CLEANER ATTACHMENT**

Easily quick connect to any lance or extension wand to clean gutters or hard to reach areas. The angle improves reach and expands cleaning capabilities. For use with 5.0 or larger nozzle.



- PSI: 3500
- Temperature: 200°F
- Zinc-Plated
- Inlet 1/4" F Socket
- Oulet 1/4" M Plug

| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 8.711-324.0 | 1/4" Nipple x 1/4" QC |

#### FIBERGLASS TELESCOPING WANDS

High-quality telescoping wand can reach up to 24' with three sizes to choose from. A lightweight wand that is balanced under pressure.



- PSI: 4000 ■ GPM: 10.5
- Temperature: 195°F
- 6' 12' Wand Shown

**Belt and Pole Clamp** 



| Tel | esco        | ning  | Wa  | nd   |
|-----|-------------|-------|-----|------|
| 10  | <b>C3CU</b> | VIIIS | vva | IIIU |

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.710-589.0 | 6'-12'                          |
| 8.710-590.0 | 6'-18'                          |
| 8.710-591.0 | 8-24'                           |
| 8.700-059.0 | Strap and Belt Shoulder Harness |
| 8.711-324.0 | Gutter Cleaning Attachment      |
| 8.723-896.0 | TS12 Replacement Gun            |
| 8.710-595.0 | TS18 Replacement Gun            |
| 8.739-434.0 | TS24 Replacement Gun            |

### **SPRAY-FLEX™ FLEX WAND**

Access difficult spots easily. Great for cleaning engines, roofs, eaves, or underneath almost anything! Holds its shape under pressure.



- PSI: 3000 or 5000
- Temperature: 190°F
- 90° Flexibility
- 12" 1/4" NPT x 1/4" NPT

■ Temperature: 200°F

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.710-597.0 | 3000 PSI    |
| 8.710-596.0 | 5000 PSI    |

#### **FLEX LANCES**

Save on broken wand repairs! Flexes a full 180° and returns. preventing bent lances and broken hose. Ideal for self-serve car wash bays.



- PSI: 2500
  - Galvanized Pipe Ends
- Industrial-Grade Polyurethane Flex Section

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 8.710-598.0 | 18", 1/4" MPT x 1/4" MPT |
| 8.710-603.0 | 21", 1/4" MPT x 1/8" FPT |
| 8.710-604.0 | 24" 1/4" MPT x 1/8" FPT  |

#### **HOBBY GUN, LANCE AND HOSE**

Don't turn away hobby-unit owners. Complete replacement hose, gun and lance.



#### Insulated Lance with Gun

- PSI: 4500
- GPM: 8
- Temperature: 320 F
- 3/8" NPT Inlet

#### Lance with 3 Hi/Low Varifan Nozzle

- PSI: 2000
- GPM: 5.5

#### **Lance with Coupler**

- PSI: 3000
- Temperature: 140 F

#### 1/4" x 25" Thermoplastic

- PSI: 3600
- Temperature: 140 F

■ 1/4" QC Brass Socket

■ 1/8" 40x65 brass

soap nozzle

■ Weight: 39 oz.

| PART NO.    | DESCRIPTION                                  |
|-------------|--|
| 8.754-769.0 | Insulated Lance with Gun                     |
| 8.753-272.0 | 18" Lance with #3 Hi / Low<br>Varifan Nozzle |
| 8.753-423.0 | 1/4"x25" Thermoplastic,<br>22mm both ends    |

NOTE: See page 166 for more Hobby Hose



## **GUN, DUAL LANCE COMBO**

- PSI: 5000
- GPM: 12
- Temperature: 300°F
- Stainless Steel Seat
- 1/4" Stainless Steel Tubes
- **DESCRIPTION** PART NO. 8.930-771.0 40" with 5000 psi 12 GPM gun

## **LEGACY INDUSTRIAL GUN AND LANCE COMBO**



Gun and lance combo with 36" square-molded grip lance and 1/4" quick coupled socket. Includes nozzle protector.



- PSI: 5000
- GPM: 10.4
- Temperature: 300°F
- Zinc-Plated Steel Tubes
- Stainless-Steel Seat
- Weight: 39 oz.

| PART NO.    | DESCRIPTION                                 |
|-------------|---|
| 8.904-095.0 | Legacy Gun and Lance with 3/8" MPT QC Inlet |

#### **MV925 GUN AND LANCE COMBO**

Gun and lance combo with pre-assembled 36" square grip lance.



- PSI: 4500
- on Outlet of Lance
- GPM: 8.0
- 1/4" FPT QC Socket Installed 3/8" MPT QC Nipple Installed on Inlet of Gun

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8 928-442 0 | MV925 Gun   |

#### **MV925 GUN, LANCE AND HOSE COMBO**

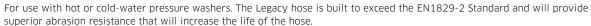
Gun, lance and hose combo with 36" square grip lance and 50' hose.



- PSI: 4000
- 3/8" MPT OC Nipple Installed on Inlet of Gun
- 1/4" FPT QC Socket Installed on Outlet of Lance
- GPM: 8
- R1 4000 PSI 3/8" x 50' Black Hose
- 3/8" FPT QC Sockets Installed on Hose

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.928-443.0 | MV925 Gun   |

#### **HOSE - LEGACY HIGH-PRESSURE**





Both single-and double-wire braid hoses come with durable 8" bend restrictors on both ends. The Legacy hose has a "bite-the -wire" coupling that grips the hose better than any other design and is far superior to the "compression fittings" used on conventional hoses.

- Easily Identified: Permanently embossed identification makes for easy tracing and owner protection.
- This heavy duty hose is reinforced with braided, high tensile steel wire and a very durable cover.



#### **HOSE - 1-WIRE**



- Rated to 250°F
- Smooth impression, oil resistant tube and Black Hose Guard at both ends

| PART NO.       | SIZE                                | PSI         |
|----------------|-------------------------------------|-------------|
| 3/8" MPT SWIVE | X 3/8" MPT SOLID                    | , 3/8" ID   |
| 8.925-176.0    | 3/8" x 15'                          | 4000        |
| 8.925-150.0    | 3/8" x 25'                          | 4000        |
| 8.925-156.0    | 3/8" x 50'                          | 4000        |
| 8.925-161.0    | 3/8" x 75'                          | 4000        |
| 8.925-165.0    | 3/8" x 100'                         | 4000        |
| 8.925-170.0    | 3/8" x 150'                         | 4000        |
| 8.925-350.0    | 3/8" x 200'                         | 4000        |
| 8.925-378.0    | Case of 75 (8.925-3/8" x 50' Hoses  | 156.0)      |
| 8.925-449.0    | Case of 40 (8.925-3/8" x 100' Hoses | 165.0)      |
| 3/8" MPT SWIVE | X 3/8" MPT SWIVI                    | EL, 3/8" ID |
| 8.925-364.0    | 3/8" x 50'                          | 4000        |
| 8.925-365.0    | 3/8" x 75'                          | 4000        |
| 8.925-167.0    | 3/8" x 100'                         | 4000        |
| 8.925-367.0    | 3/8" x 150'                         | 4000        |
| 8.925-368.0    | 3/8" x 200'                         | 4000        |
| 1/4" MPT SWIVE | X 1/4" MPT, SOLIC                   | ), 1/4" ID  |
| 8.925-143.0    | 1/4" x 25'                          | 4000        |
| 8.925-144.0    | 1/4" x 30'                          | 4000        |
| 8.925-145.0    | 1/4" x 50'                          | 4000        |
| 8.925-146.0    | 1/4" x 75'                          | 4000        |
| 8.925-147.0    | 1/4" x 100'                         | 4000        |
| 1/2" MPT SWIVE | X 1/2" MPT SOLID                    |             |
| 8.925-236.0    | 50'                                 | 3000        |
| 8.925-237.0    | 75'                                 | 3000        |
| 8.925-238.0    | 100'                                | 3000        |
| BLACK WRAPPED  | HOSE SWXSO                          |             |
| 9.113-845.0    | 3/8" x 50'                          | 4000        |
| 9.113-846.0    | 3/8" x 100'                         | 4000        |

#### **HOSE - 2-WIRE**



- Rated to 250°F
- Smooth impression, oil resistant tube and **Red Hose Guard** at both ends

| PART NO.       | SIZE                                | PSI           |  |
|----------------|-------------------------------------|---------------|--|
|                | 5.22                                |               |  |
|                | EL X 3/8" MPT SOI                   |               |  |
| 8.928-542.0    | 3/8" x 15'                          | 6000          |  |
| 8.925-180.0    | 3/8" x 25'                          | 6000          |  |
| 8.925-184.0    | 3/8" x 50'                          | 6000          |  |
| 8.925-225.0    | 3/8" x 75'                          | 6000          |  |
| 8.925-229.0    | 3/8" x 100'                         | 6000          |  |
| 8.925-232.0    | 3/8" x 150'                         | 6000          |  |
| 8.925-369.0    | 3/8" x 200'                         | 6000          |  |
| 8.925-382.0    | Case of 75 (8.92<br>3/8" x 50' Hose |               |  |
| 8.925-450.0    | Case of 40 (8.92<br>3/8" x 100' Hos | •             |  |
| 3/8" MPT SWIVE | EL X 3/8" MPT SW                    | IVEL, 3/8" ID |  |
| 8.925-311.0    | 3/8" x 25'                          | 6000          |  |
| 8.925-313.0    | 3/8" x 50'                          | 6000          |  |
| 8.925-314.0    | 3/8" x 75'                          | 6000          |  |
| 8.925-316.0    | 3/8" x 100'                         | 6000          |  |
| 8.925-325.0    | 3/8" x 200'                         | 6000          |  |
| 1/2" MPT SWIVE | EL X 1/2" MPT SOI                   | .ID           |  |
| 8.925-247.0    | 1/2" x 50'                          | 5000          |  |
| 8.925-249.0    | 1/2" x 75'                          | 5000          |  |
| 8.925-253.0    | 1/2" x 100'                         | 5000          |  |
| BLACK WRAPPE   | D HOSE SWXSO                        |               |  |
| 9.113-847.0    | 3/8" x 50'                          | 6000          |  |
| 9.113-848.0    | 3/8" x 100'                         | 6000          |  |

## 1,000 FOOT REELS

| 9.113-139.0 | 3/8" Hose R1 | 4000 PSI | Black |
|-------------|--------------|----------|-------|
| 9.113-140.0 | 3/8" Hose R2 | 6000 PSI | Black |
| 9.113-141.0 | 1/4" Hose R1 | 4000 PSI | Black |

Note: Full Reel - 1000 ft per reel, hose only. Max of 3 incremental cuts per reel, industry standard. Call your sales representative for pricing.

## **HOSE - LEGACY 1- & 2-WIRE WITH COUPLERS OR M22 ENDS**



- Temperature: 250°F
- Coupler and Plug Included
- 3/8" ID Solid / Swivel & Swivel / Swivel options available



| PART NO.        | LENGTH       | DESCRIPTION     | WORKING PSI | APPROX WT (LBS.) |
|-----------------|--------------|-----------------|-------------|------------------|
| 3/8" BLACK HOSE |              |                 |             |                  |
| 8.928-928.0     | 50' 3/8" ID  | Solid X Swivel  | 4000        | 13.0             |
| 8.928-929.0     | 100' 3/8" ID | Solid X Swivel  | 4000        | 24.0             |
| 8.930-772.0     | 50'          | Swivel X Swivel | 4000        | 13.0             |
| 8.930-773.0     | 100'         | Swivel X Swivel | 4000        | 24.0             |
| 8.931-290.0     | 50'          | M22 Fittings    | 4000        |                  |
| 8.931-291.0     | 100'         | M22 Fittings    | 4000        |                  |
| 8.931-292.0     | 30'          | M22 Fittings    | 4000        |                  |
| 3/8" BLACK HOSE | , R2         |                 |             |                  |
| 8.928-930.0     | 50' 3/8" ID  | Solid X Swivel  | 6000        | 18.0             |
| 8.928-931.0     | 100' 3/8" ID | Solid X Swivel  | 6000        | 33.0             |
| 8.930-774.0     | 50'          | Swivel X Swivel | 6000        | 18.0             |
| 8.930-775.0     | 100'         | Swivel X Swivel | 6000        | 33.0             |
| 8.931-293.0     | 50'          | M22 Fittings    | 6000        |                  |
| 8.931-294.0     | 100'         | M22 Fittings    | 6000        |                  |
| 8.931-295.0     | 30'          | M22 Fittings    | 6000        |                  |
|                 |              |                 |             |                  |

## **HOSE - GRAY NON-MARKING 1 & 2-WIRE - WITH & WITHOUT COUPLERS**

- Tough, Abrasive Resistant Wrapped Cover
- Oil Resistant Non-Marking
- For use with Hot or Cold Water



| PART NO.       | LENGTH       | DESCRIPTION                | WORKING PSI | APPROX WT (LBS.) |
|----------------|--------------|----------------------------|-------------|------------------|
| 3/8" GRAY HOSE |              |                            |             |                  |
| 9.114-440.0    | 50' 3/8" ID  | 3/8" GRAY<br>HOSE- SO x SW | R1 - 4200   | 12               |
| 9.114-441.0    | 100' 3/8" ID | 3/8" GRAY<br>HOSE- SO x SW | R1 - 4200   | 24               |
| 9.116-070.0    | 200' 3/8" ID | SO/SW                      | R1 - 4200   |                  |
| 9.114-442.0    | 50' 3/8" ID  | 3/8" GRAY<br>HOSE- SO x SW | R2 - 6000   | 19               |
| 9.114-443.0    | 100' 3/8" ID | 3/8" GRAY<br>HOSE- SO x SW | R2 - 6000   | 36               |
| 9.116-071.0    | 200' 3/8" ID | SO/SW                      | R2 - 6000   |                  |
| 3/8" GRAY HOSE | W/ COUPLERS  | S & PLUGS                  |             |                  |
| 9.115-117.0    | 50' 3/8" ID  | Brass QCs                  | R1 - 4200   | 13               |
| 9.115.118.0    | 100' 3/8" ID | Brass QCs                  | R1 - 4200   | 25               |
| 9.116-085.0    | 200' 3/8" ID | Brass QCs                  | R1 - 4200   |                  |
| 9.115-119.0    | 50' 3/8" ID  | SS QCs                     | R2 - 6000   | 20               |
| 9.115-120.0    | 100' 3/8" ID | SS QCs                     | R2 - 6000   | 37               |
| 9.116-086.0    | 200' 3/8" ID | SS QCs                     | R2 - 6000   |                  |

## **HOSE - LEGACY 1-WIRE SMOOTH COVER, NON-MARKING**

- Temperature: 250°F
- 1/4" & 3/8" Smooth Non-Marking
- 3/8" MPT Solid X 3/8" Swivel Ends



| PART NO.       | LENGTH                  | WORKING PSI | APPROX WT (LBS.) |  |  |  |  |
|----------------|-------------------------|-------------|------------------|--|--|--|--|
| 3/8" SMOOTH YE | 3/8" SMOOTH YELLOW HOSE |             |                  |  |  |  |  |
| 8.901-800.0    | 50' x 3/8" ID           | 3000        | 12.0             |  |  |  |  |
| 8.901-802.0    | 75' x 3/8" ID           | 3000        | 17.0             |  |  |  |  |
| 8.901-804.0    | 100' x 3/8" ID          | 3000        | 23.0             |  |  |  |  |
| 8.757-441.0    | 500' Reel               | 3000        | 115.0            |  |  |  |  |
| 3/8" SMOOTH BL | UE HOSE                 |             |                  |  |  |  |  |
| 8.739-148.0    | 50' x 3/8" ID           | 3000        | 12.0             |  |  |  |  |
| 8.739-149.0    | 75' x 3/8" ID           | 3000        | 17.0             |  |  |  |  |
| 8.739-150.0    | 100' x 3/8" ID          | 3000        | 23.0             |  |  |  |  |
| 8.739-369.0    | 150' x 3/8" ID          | 3000        | 34.0             |  |  |  |  |
| 8.925-296.0    | 200' x 3/8" ID          | 3000        | 45.0             |  |  |  |  |
| 8.757-442.0*   | 500' Reel               | 3000        | 115.0            |  |  |  |  |
| 3/8" SMOOTH GR | AY HOSE                 |             |                  |  |  |  |  |
| 8.749-935.0    | 50' x 3/8" ID           | 3000        | 13.0             |  |  |  |  |
| 8.749-936.0    | 100' x 3/8" ID          | 3000        | 25.0             |  |  |  |  |
| 8.757-443.0*   | 500' Reel               | 3000        | 125.0            |  |  |  |  |
| 1/4" SMOOTH BL | 1/4" SMOOTH BLUE HOSE   |             |                  |  |  |  |  |
| 8.901-796.0    | 50' x 1/4" ID           | 3000        | 8.0              |  |  |  |  |
| 8.901-798.0    | 100' x 1/4" ID          | 3000        | 16.0             |  |  |  |  |

<sup>\*</sup>Full Reel - 500 ft per reel, hose only. Max of 3 incremental cuts per reel, industry standard.

## **HOSE - LEGACY 1- & 2-WIRE, NON-MARKING**





■ SO / SW Couplers Not Included



| PART NO.      | LENGTH        | WORKING PSI | APPROX WT (LBS.) |
|---------------|---------------|-------------|------------------|
| 3/8" SMOOTH B | LUE HOSE - R2 |             |                  |
| 8.739-229.0   | 50' R2        | 4500        | 17.0             |
| 8.739-231.0   | 100' R2       | 4500        | 33.0             |
| 8.925-320.0   | 150' R2       | 4500        |                  |
| 8.757-438.0*  | 500' Reel     | 4500        | 165.0            |
| 1/2" SMOOTH B | LUE HOSE - R1 |             |                  |
| 8.925-300.0   | 1/2" x 75'    | 3000        | 25.0             |
| 8.757-439.0*  | 500' Reel     | 3000        | 167.0            |
|               |               |             |                  |

<sup>\*</sup>Full Reel - 500 ft per reel, hose only. Max of 3 incremental cuts per reel, industry standard.

## **HOSE - A+ 1-WIRE GRAY SMOOTH COVER, NON-MARKING**

■ Temperature: 250°F







| PART NO.       | LENGTH                       | DESCRIPTION      | PSI  | APPROX WT (LBS.) |  |  |  |
|----------------|------------------------------|------------------|------|------------------|--|--|--|
| 3/8" SMOOTH CO | 3/8" SMOOTH COVER, GRAY HOSE |                  |      |                  |  |  |  |
| 8.921-617.0    | 3/8" x 25'                   | 4K Gray A+ SOXSW | 4000 | 6.0              |  |  |  |
| 8.921-618.0    | 3/8" x 50'                   | 4K Gray A+ SOXSW | 4000 | 11.0             |  |  |  |
| 8.921-619.0    | 3/8" x 75'                   | 4K Gray A+ SOXSW | 4000 | 17.0             |  |  |  |
| 8.921-620.0    | 3/8" x 100'                  | 4K Gray A+ SOXSW | 4000 | 33.0             |  |  |  |
| 8.752-156.0*   | 600' Reel                    | 4K Gray A+       | 4000 | 165.0            |  |  |  |

<sup>\*</sup>Full Reel - 600 ft per reel, hose only. Max of 3 incremental cuts per reel, industry standard.

## **HOSE - A+ 1- & 2-WIRE WITH COUPLING AND PLUG, NON-MARKING**





■ Temperature: 250°F

■ Couplers and Plug Included

■ 3/8" MPT Swivel x 3/8" MPT Solid

| PART NO.              | LENGTH         | WORKING PSI | APPROX WT (LBS.) |  |  |  |  |
|-----------------------|----------------|-------------|------------------|--|--|--|--|
| 3/8" 1-WIRE BLUE HOSE |                |             |                  |  |  |  |  |
| 8.928-971.0           | 50' x 3/8" ID  | 4000        | 13.0             |  |  |  |  |
| 8.928-972.0           | 100' x 3/8" ID | 4000        | 23.0             |  |  |  |  |
| 3/8" 2-WIRE BLUE HOSE |                |             |                  |  |  |  |  |
| 8.928-973.0           | 50' x 3/8" ID  | 6000        | 18.0             |  |  |  |  |
| 8.928-974.0           | 100' x 3/8" ID | 6000        | 33.0             |  |  |  |  |

## **HOSE - A+ / TUFF-FLEX - 1-WIRE SMOOTH COVER**

■ Temperature: 250°F

■ 50% Greater Flexibility







| PART NO.       | LENGTH                          | WORKING PSI | APPROX WT (LBS.) |  |  |  |  |
|----------------|---------------------------------|-------------|------------------|--|--|--|--|
| 3/8" TUFF-FLEX | 3/8" TUFF-FLEX 1-WIRE BLUE HOSE |             |                  |  |  |  |  |
| 8.921-149.0    | 25' x 3/8" ID                   | 4000        | 6.0              |  |  |  |  |
| 8.921-150.0    | 50' x 3/8" ID                   | 4000        | 11.0             |  |  |  |  |
| 8.921-151.0    | 75' x 3/8" ID                   | 4000        | 17.0             |  |  |  |  |
| 8.921-152.0    | 100' x 3/8" ID                  | 4000        | 23.0             |  |  |  |  |
| 8.753-316.0    | 600' Reel*                      | 4000        | 138.0            |  |  |  |  |

\*Please contact your sales rep to place a bulk hose (reel) order. Full reel will be priced by the foot. These reels are various sizes approximately 600' with a max of 3 incremental cuts, industry standard.

## **HOSE - A+ / TUFF-FLEX - 2-WIRE SMOOTH COVER**

- Temperature: 250°F
- 50% Greater Flexibility







| PART NO.                        | LENGTH         | WORKING PSI | APPROX WT (LBS.) |  |  |  |  |
|---------------------------------|----------------|-------------|------------------|--|--|--|--|
| 3/8" TUFF-FLEX 2-WIRE BLUE HOSE |                |             |                  |  |  |  |  |
| 8.921-153.0                     | 25' x 3/8" ID  | 6000        | 9.0              |  |  |  |  |
| 8.921-154.0                     | 50' x 3/8" ID  | 6000        | 18.0             |  |  |  |  |
| 8.921-155.0                     | 75' x 3/8" ID  | 6000        | 24.0             |  |  |  |  |
| 8.921-156.0                     | 100' x 3/8" ID | 6000        | 33.0             |  |  |  |  |
| 8.753-319.0                     | 600' Reel*     | 6000        | 198.0            |  |  |  |  |

\*Please contact your sales rep to place a bulk hose (reel) order. Full reel will be priced by the foot. These reels are various sizes approximately 600' with a max of 3 incremental cuts, industry standard.

#### PRESSURE LOOP - 2-WIRE

The 1/4" ID pressure lines solid / swivel for most any application. The 3/8" ID pressure loops have 1/2" female JIC swivels on both ends for typical unloader connection hose.



- 1/4" ID Pressure Loop
- 1/4" ID Two-Wire, 6000 PSI
- 1/4" MPT Swivel x 1/4" MPT Temperature: 250°F Solid

| PART NO.      | LENGTH        | PSI  |  |
|---------------|---------------|------|--|
| 1/4" PRESSURE | LOOP          |      |  |
| 8.918-180.0   | 16" x 1/4" ID | 6000 |  |
| 8.918-181.0   | 20" x 1/4" ID | 6000 |  |
| 8.918-182.0   | 26" x 1/4" ID | 6000 |  |
| 8.918-183.0   | 28" x 1/4" ID | 6000 |  |
| 8.918-184.0   | 30" x 1/4" ID | 6000 |  |
| 8.918-419.0   | 36" x 1/4" ID | 6000 |  |
| 8.918-187.0   | 42" x 1/4" ID | 6000 |  |

## **HOSE - WHITEWATER® COMBINATION STEAM HOSE**

GOOD YEAR

Good up to 3000 PSI - 250°F or 2500 PSI - 325°F



- Single High-Tensile Steel Wire Braid
- High Temperature Bend Restrictors - Both Ends
- Seamless Innertube
- Solid 3/8" or 1/2" MPT Connectors - Both Ends (Swivel Ends NOT Available)
- Oil-Resistant Cover

| PART NO.        | LENGTH    | WORKING PSI |  |  |  |  |
|-----------------|-----------|-------------|--|--|--|--|
| 3/8" STEAM HOSE |           |             |  |  |  |  |
| 8.901-598.0     | 25'       | 3000        |  |  |  |  |
| 8.901-601.0     | 50'       | 3000        |  |  |  |  |
| 8.901-603.0     | 75'       | 3000        |  |  |  |  |
| 8.901-604.0     | 100'      | 3000        |  |  |  |  |
| 8.930-657.0     | 200'      | 3000        |  |  |  |  |
| 8.705-643.0*    | 500' Reel | 3000        |  |  |  |  |
| 1/2" STEAM HOS  | SE        |             |  |  |  |  |
| 8.901-721.0     | 25'       | 2500        |  |  |  |  |
| 8.901-723.0     | 50'       | 2500        |  |  |  |  |
| 8.901-724.0     | 75'       | 2500        |  |  |  |  |
| 8.901-725.0     | 100'      | 2500        |  |  |  |  |
| 8.705-678.0*    | 500' Reel | 2500        |  |  |  |  |

\*Full Reel - 500 ft per reel, hose only. Max of 3 incremental cuts, industry standard.

- JIC Pressure Loop
- 1/2" Female JIC Swivels -Each End
- 3/8" ID Two-Wire, 6000 PSI
- 1/2" ID 5000 PSI
- Temperatures: 250°F (3/8" Pressure Loop) 275°F (1/2" Pressure Loop)

| PART NO.               | LENGTH          | PSI  |  |  |  |  |
|------------------------|-----------------|------|--|--|--|--|
| 3/8" JIC PRESSURE LOOP |                 |      |  |  |  |  |
| 8.918-210.0            | 16" x 3/8" ID   | 6000 |  |  |  |  |
| 8.918-422.0            | 20" x 3/8" ID   | 6000 |  |  |  |  |
| 8.918-423.0            | 22" x 3/8" ID   | 6000 |  |  |  |  |
| 8.918-424.0            | 5 25" x 3/8" ID | 6000 |  |  |  |  |
| 8.918-425.0            | 29" x 3/8" ID   | 6000 |  |  |  |  |
| 8.918-426.0            | 32" x 3/8" ID   | 6000 |  |  |  |  |
| 8.918-427.0            | 36" x 3/8" ID   | 6000 |  |  |  |  |
| 8.918-212.0            | 42" x 3/8" ID   | 6000 |  |  |  |  |
| 1/2" JIC PRESS         | URE LOOP        |      |  |  |  |  |
| 8.918-224.0            | 20" x 1/2" ID   | 5000 |  |  |  |  |
| 8.918-225.0            | 28" x 1/2" ID   | 5000 |  |  |  |  |
| 8.918-228.0            | 46" x 1/2" ID   | 5000 |  |  |  |  |
| 8.918-230.0            | 70" x 1/2" ID   | 5000 |  |  |  |  |
|                        |                 |      |  |  |  |  |

#### **HOSE BEND RESTRICTORS**



- Temperature: 325°F
- Used on Hose Assemblies
- Non-Slip Sure Fit
- Easy Installation
- Top-Quality Molded Fit Bend Restrictors
- Fits snugly to prevent kinks near the connectors
- Insulated Rubber

| PART NO.       | LENGTH         | COLOR        |
|----------------|----------------|--------------|
| 1 WIRE         |                |              |
| 8.705-479.0    | 5.3" x 1/4"    | Black Vinyl  |
| 8.705-476.0    | 6.0" x 1/2"    | Black Vinyl  |
| 8.740-104.0    | 24.0" x 3/8"   | Black Vinyl  |
| 8.756-784.0    | 6.0" x 3/8"    | Black Vinyl  |
| 2 WIRE         |                |              |
| 8.756-735.0    | 1/2" x 8"      | Red Vinyl    |
| 8.705-478.0    | 6.0" x 3/8"    | Red Vinyl    |
| 8.711-846.0    | 24.0" x 3/8"   | Red Vinyl    |
| 8.705-480.0    | 7.0" x 3/8"    | Red Vinyl    |
| COMBO - HIGH T | EMP            |              |
| 8.705-483.0    | 6.5" x 3/8" ID | Gray Vinyl   |
| 8.705-482.0    | 6.5" x 1/2" ID | Black Rubber |

#### **PULSE HOSE**



- PSI Working Pressure: 1300
- 3/8" MPT On Both Styles
- Available with either plug-end or open-flow with solid / swivel connects

| PART NO.    | LENGTH | DESCRIPTON                                      |
|-------------|--------|---|
| 8.711-151.0 | 18"    | with Plug End,<br>Working PSI: 1300 PSI         |
| 8.711-153.0 | 24"    | with Plug End,<br>Working PSI: 1300 PSI         |
| 8.711-155.0 | 28"    | Solid / Swivel - Open,<br>Working PSI: 1300 PSI |
| 8.711-157.0 | 36"    | Solid / Swivel - Open,<br>Working PSI: 1300 PSI |

#### **HOBBY HOSE**

Replacement hose for most hobby pressure washers sold by retailers.

- PSI Working Pressure: 2250
- PSI Burst Pressure: 9000
- Thermoplastic Cover
- Fiber-braid Reinforcement
- M22 x 1.5 Fitting Inlet



- 14 mm Seal Cone Fits Generac, Excell and Kärcher
- 15 mm Seal Cone Fits Campbell, MI-T-M

| PART NO.    | LENGTH | SEAL CONE | ID   |
|-------------|--------|-----------|------|
| 8.705-485.0 | 25'    | 14mm      | 1/4" |
| 8.705-487.0 | 25'    | 15mm      | 1/4" |
| 8.753-423.0 | 25'    | 22mm      | 1/4" |

#### **GARDEN HOSE - APEX QUALITY**



■ Rated For Cold-Water Use

Assemblies Complete With

Bend Restrictor

- The essential product for pressure washing
  - 5/8" or Larger ID For Full Flow
  - Choice of Commercial or Heavy-Duty Grade
  - Reinforced hose for flexibility and strength in all weather
  - Commercial grade has machined octagonal "wrench tight" fittings

| PART NO.       | LENGTH         | GRADE | COLOR        |
|----------------|----------------|-------|--------------|
| 8.704-786.0    | 50' x 5/8" ID  | Com   | Gray         |
| 8.704-787.0    | 100' x 5/8" ID | Com   | Gray         |
| 8.704-788.0    | 50' x 5/8" ID  | HD    | Light Green  |
| 8.704-789.0    | 100' x 5/8" ID | HD    | Light Green  |
| ALL RUBBER REI | NFORCED HOT    | WATER | HOSE - 160°F |
| 8.704-790.0    | 50' x 5/8" ID  | Com   | Red          |
| 8.704-791.0    | 50' x 3/4" ID  | Com   | Red          |

See page 180 for garden hose fittings

#### **GARDEN HOSE - COLD WEATHER**



- High-Quality Brass Fittings
- Heated Hose with 110 Plug
- Thermostatically controlled heating element is activated at +/- 35°F temperature and turned off at +/- 40°F ambient temperature
- Use only with a UL approved GFCI outlet or extension
- Ideal for outdoor contractors
   PVC material FDA-approved for potable water

| PART NO.    | LENGTH     | DESCRIPTION                 |
|-------------|------------|-----------------------------|
| 8.749-944.0 | 5/8" x 50' | Cold Weather<br>Garden Hose |

See page 180 for garden hose fittings

#### **AG HOSE - ORANGE PVC-RIBBED - BULK**

Braid-reinforced PVC hose designed specifically for AG / Pest Control and Lawn Spraying applications.

Max PSI: 600

■ 5/8" x 50 ft

- Max Temperature: 160°F
- Color: Orange
- Tough Ribbed Cover
- Bulk hose standard in 300' single length coils
- Resists Abrasion and UV Rays
- Does Not Include Ends or Bend Restrictors

| PART NO.           | LENGTH                             | PSI |  |
|--------------------|------------------------------------|-----|--|
| 3/8" HOSE - ORA    | NGE                                |     |  |
| 8.705-527.0        | 300' Coil,<br>Single, Uncut Length | 600 |  |
| 8.901-384.0        | 50' Bulk                           | 600 |  |
| 8.901-385.0        | 100' Bulk                          | 600 |  |
| 1/2" HOSE - ORA    | NGE                                |     |  |
| 8.705-523.0        | 300' Coil,<br>Single, Uncut Length | 600 |  |
| 8.901-377.0        | 50' Bulk                           | 600 |  |
| 8.901-379.0        | 100' Bulk                          | 600 |  |
| 3/4" HOSE - ORANGE |                                    |     |  |
| 8.705-531.0        | 300' Coil<br>Single, Uncut Length  | 600 |  |

#### **AG HOSE - COMPLETE ASSEMBLY**

Braid-reinforced PVC hose designed specifically for AG / Pest control spraying applications. Assembled with ends or bend restrictors.



- Max PSI: 600
- Max Temperature: 160°F
- Color: Orange
- Tough Ribbed Cover
- Resists Abrasion and UV Rays
- Includes Ends and 8" Black Bend Restrictors on Each End

| PART NO.    | LENGTH      | DESCRIPTION |
|-------------|-------------|-------------|
| 8.928-576.0 | 3/8" x 100' | SO x SW     |
| 8.928-577.0 | 3/8" x 100' | SW x SW     |
| 8.928-578.0 | 3/8" x 50'  | SO x SW     |
| 8.928-579.0 | 1/2" x 50'  | SO x SW     |
| 8.928-580.0 | 1/2" x 100' | SO x SW     |
| 8.928-581.0 | 1/2" x 300' | SO x SW     |

## **TUBING - CLEAR REINFORCED PVC**

 $\label{lem:multi-use} \mbox{Multi-use, industrial-grade tubing with high-resistance to chemicals,} \\ \mbox{solvents and fuel.}$ 



- Reinforced With Polyester Cord
- Huge Selection of Sizes and Lengths
- 4-to-1 Burst Safety Factor

| PART NO.    | ID X OD     | WP AT 70°F | LENGTH |
|-------------|-------------|------------|--------|
| 8.901-256.0 | 1/4" x 3/8" | 250        | 25'    |
| 8.901-257.0 | 1/4" x 3/8" |            | 50'    |
| 8.704-751.0 | 1/4" x 3/8" |            | 100'   |
| 8.704-752.0 | 1/4" x 3/8" | 250        | 300'   |
| 8.901-260.0 | 3/8" x 1/2" | 175        | 25'    |
| 8.901-261.0 | 3/8" x 1/2" | 175        | 50'    |
| 8.901-262.0 | 3/8" x 1/2" | 175        | 100'   |
| 8.704-753.0 | 3/8" x 1/2" | 175        | 300'   |
| 8.901-264.0 | 1/2" x 3/4" | 175        | 25'    |
| 8.901-265.0 | 1/2" x 3/4" | 175        | 50'    |
| 8.704-754.0 | 1/2" x 3/4" | 175        | 100'   |
| 8.704-755.0 | 1/2" x 3/4" | 175        | 300'   |
| 8.901-267.0 | 5/8" x 7/8" | 175        | 25'    |
| 8.901-268.0 | 5/8" x 7/8" | 140        | 50'    |
| 8.901-269.0 | 5/8" x 7/8" | 140        | 100'   |
| 8.704-756.0 | 5/8" x 7/8" | 140        | 300'   |
| 8.901-271.0 | 3/4" x 1"   | 140        | 25'    |
| 8.901-272.0 | 3/4" x 1"   | 140        | 50'    |
| 8.704-757.0 | 3/4" x 1"   | 140        | 100'   |
| 8.704-758.0 | 3/4" x 1"   | 140        | 300'   |
| 8.901-273.0 | 1" x 1-1/4" | 75         | 25'    |
| 8.901-274.0 | 1' × 1-1/4" | 75         | 50'    |
| 8.901-275.0 | 1" x 1-1/4" | 75         | 100'   |
| 8.704-759.0 | 1" x 1-1/4" | 75         | 200'   |

#### **CRIMP FITTINGS**



| PART NO.    | SIZE             | HOSE |
|-------------|------------------|------|
| 8.724-027.0 | 3/8" MPT, Solid  | 3/8" |
| 8.724-028.0 | 3/8" MPT, Swivel | 3/8" |
| 8.724-029.0 | 1/2" FJIC, Solid | 3/8" |
| 8.706-759.0 | 3/8" FPT, Swivel | 3/8" |

## **COUPLINGS - FIELD ATTACHABLE**

Designed and build your own hose or adapt and repair hose in the field (no crimper required).





| PART NO.       | ID X MPT            |
|----------------|---------------------|
| 1-WIRE BRAID I | HOSE COUPLINGS      |
| 8.705-493.0    | 1/4" x 1/4", Solid  |
| 8.705-495.0    | 1/4" x 1/4", Swivel |
| 8.705-496.0    | 3/8" x 1/4", Solid  |
| 8.705-497.0    | 3/8" x 3/8", Solid  |
| 8.705-498.0    | 3/8" x 3/8", Swivel |
| 8.705-499.0    | 1/2" x 3/8", Solid  |
| 8.705-500.0    | 1/2" x 1/2", Solid  |
| 8.705-501.0    | 1/2" x 1/2", Swivel |
| 2-WIRE BRAID I | HOSE COUPLINGS      |
| 8.705-502.0    | 1/4" x 1/4", Solid  |
| 8.705-503.0    | 1/4" x 1/4", Swivel |
| 8.705-505.0    | 3/8" x 3/8", Solid  |
| 8.705-506.0    | 3/8" x 3/8", Swivel |
| 8.705-507.0    | 1/2" x 1/2", Solid  |
| 8.705-508.0    | 1/2" x 1/2", Swivel |
|                |                     |

#### **TUBING - CLEAR PVC**



- "Box Pak" 100 ft
- Temperature: 25°F to 150°F
- Very Flexible, Non-Reinforced
- Self-dispensing Box Packaging

| PART NO.    | ID X OD     | WP AT 70°F |  |
|-------------|-------------|------------|--|
| 8.901-279.0 | 1/4" x 3/8" | 55         |  |
| 8.704-766.0 | 1/2" x 5/8" | 30         |  |

## **TUBING - HEAVY-DUTY VINYL**

This clear vinyl tubing is heavier duty than the rest! Thick wall resists kinking. Available in clear or clear-reinforced polyester braid. Comes in 1/4" & 3/8" ID x 1/2" OD.



- Very Flexible
- 100' Rolls
- Temperature: -10 to 150°F

| PART NO.    | ID X OD     | PSI | DESCRIPTION   |
|-------------|-------------|-----|---------------|
| 9.113-131.0 | 1/4" x 1/2" | 50  | Clear Vinyl   |
| 9.113-132.0 | 1/4" x 1/2" | 250 | Braided Vinyl |
| 9.113-133.0 | 3/8" x 1/2" | 100 | Clear Vinyl   |
|             |             |     |               |

#### **CONNECTOR HOSE - 2' - 10'**

Hose come with One Solid x One Swivel MPT crimp fitting on each end.



■ PSI: 4000 - 6000

| PART NO.        | LENGTH     | PSI      | HOSE COLOR    |
|-----------------|------------|----------|---------------|
| 3/8" ULTIMA - 1 | -WIRE WITH | HOUT BEN | D RESTRICTORS |
| 8.918-253.0     | 2'         | 4000     | Black         |
| 8.918-255.0     | 3'         | 4000     | Black         |
| 8.918-257.0     | 4'         | 4000     | Black         |
| 8.918-259.0     | 5'         | 4000     | Black         |
| 8.918-261.0     | 6'         | 4000     | Black         |
| 8.918-263.0     | 7'         | 4000     | Black         |
| 8.918-265.0     | 8'         | 4000     | Black         |
| 8.918-267.0     | 9'         | 4000     | Black         |
| 8.918-269.0     | 10'        | 4000     | Black         |
| 1/4" ULTIMA - 1 | -WIRE WITH | HOUT BEN | D RESTRICTORS |
| 8.918-240.0     | 2'         | 4000     | Black         |
| 8.918-241.0     | 3'         | 4000     | Black         |
| 8.918-242.0     | 4'         | 4000     | Black         |
| 8.918-243.0     | 5'         | 4000     | Black         |
| 8.918-245.0     | 6'         | 4000     | Black         |

■ Temperatures: 250°F (1/4" & 3/8" Connector Hoses) 275°F (1/2" Connector Hose)

| PART NO.          | LENGTH      | PSI       | HOSE COLOR    |
|-------------------|-------------|-----------|---------------|
| 3/8" ULTIMA - 2-1 | WIRE - WITH | OUT BEN   | D RESTRICTORS |
| 8.918-271.0       | 2'          | 6000      | Black         |
| 8.918-273.0       | 3'          | 6000      | Black         |
| 8.918-276.0       | 4'          | 6000      | Black         |
| 8.918-278.0       | 5'          | 6000      | Black         |
| 8.918-280.0       | 6'          | 6000      | Black         |
| 8.918-282.0       | 7'          | 6000      | Black         |
| 8.918-284.0       | 8'          | 6000      | Black         |
| 8.918-420.0       | 9'          | 6000      | Black         |
| 8.918-288.0       | 10'         | 6000      | Black         |
| 3/8" ULTIMA - 2-1 | WIRE - WITH | I BEND RE | STRICTORS     |
| 8.918-272.0       | 2'          | 6000      | Black         |
| 8.918-275.0       | 3'          | 6000      | Black         |
| 8.918-277.0       | 4'          | 6000      | Black         |
| 8.918-209.0       | 5'          | 6000      | Black         |
| 8.918-281.0       | 6'          | 6000      | Black         |
| 8.918-283.0       | 7'          | 6000      | Black         |
| 8.918-285.0       | 8'          | 6000      | Black         |
| 8.918-287.0       | 9'          | 6000      | Black         |
| 8.918-289.0       | 10'         | 6000      | Black         |
| 1/2" ULTIMA - 2-1 | WIRE - WITH | IOUT BEN  | D RESTRICTORS |
| 8.918-292.0       | 2'          | 5000      | Black         |
| 8.918-294.0       | 3'          | 5000      | Black         |
| 8.918-296.0       | 4'          | 5000      | Black         |
| 8.918-298.0       | 5'          | 5000      | Black         |
| 8.918-300.0       | 6'          | 5000      | Black         |
| 8.918-301.0       | 7'          | 5000      | Black         |
| 8.918-302.0       | 8'          | 5000      | Black         |
| 8.918-303.0       | 9'          | 5000      | Black         |
| 8.918-304.0       | 10'         | 5000      | Black         |
|                   |             |           |               |

## **FLEX LINE BYPASS / SUPPLY LINE HOSE**

This industrial PVC hose looks and feels like rubber and has a black seamless inner tube. The tough abrasion resistant outer cover is polyester braid reinforced and as a burst rate of three times the rated working pressure.



- Reinforced Tough Outer Cover
- Excellent for Use as Supply Lines or Bypass

| PART NO.                  | ID X OD      | WP AT 70°F | LENGTH |  |
|---------------------------|--------------|------------|--------|--|
| RED COVER, HEA            | VY WALL      |            |        |  |
| 8.901-281.0               | 3/8" x .634" | 300        | 50'    |  |
| 8.704-762.0               | 3/8" x .634" | 300        | 500'   |  |
| 8.901-282.0               | 1/2" x .792" | 250        | 50'    |  |
| 8.704-764.0               | 1/2" x .792" | 250        | 500'   |  |
| 8.901-284.0               | 3/4" x 1.14" | 160        | 50'    |  |
| 8.704-765.0               | 3/4" x 1.14" | 160        | 300'   |  |
| RED COVER- STANDARD WALL  |              |            |        |  |
| 9.106-578.0               | 1/4"         | 160        | 500'   |  |
| BLUE COVER, STANDARD WALL |              |            |        |  |
| 8.704-779.0               | 1/4"         | 250        | 475'   |  |

## **CONNECTOR HOSE**

Hose comes with solid MPT crimp fittings on both ends.

| PART NO.        | LENGTH          | PSI                   |
|-----------------|-----------------|-----------------------|
| 3/8" ULTIMA - 1 | -WIRE WITHOUT E | BEND RESTRICTORS      |
| 8.918-333.0     | 12'             | 4000                  |
| 8.918-334.0     | 13'             | 4000                  |
| 8.918-338.0     | 15'             | 4000                  |
| 8.918-340.0     | 16'             | 4000                  |
| 8.918-342.0     | 17'             | 4000                  |
| 8.918-344.0     | 18'             | 4000                  |
| 8.918-348.0     | 20'             | 4000                  |
| 3/8" ULTIMA - 1 | -WIRE WITH BENI | O RESTRICTORS ONE END |
| 8.919-123.0     | 12'             | 4000                  |
| 8.918-335.0     | 13'             | 4000                  |
| 8.918-339.0     | 15'             | 4000                  |
| 8.918-349.0     | 20'             | 4000                  |
| 1/4" BLUE - 1-W | IRE WITHOUT BE  | ND RESTRICTORS        |
| 8.918-389.0     | 13'             | 3000                  |
| 8.918-391.0     | 14'             | 3000                  |
| 8.918-393.0     | 15'             | 3000                  |
| 8.918-395.0     | 16'             | 3000                  |
| 8.918-397.0     | 17'             | 3000                  |
| 8.918-399.0     | 18'             | 3000                  |
| 8.918-401.0     | 19'             | 3000                  |
| 8.918-403.0     | 20'             | 3000                  |
| 8.918-409.0     | 23'             | 3000                  |
| 8.918-411.0     | 24'             | 3000                  |
| 8.918-413.0     | 25'             | 3000                  |

| PART NO.   | LENGTH          | PSI                |  |
|--|-----------------|--------------------|--|
| 3/8" BLUE - 1-W                                  | IRE WITHOUT BEN | ID RESTRICTORS     |  |
| 8.918-360.0                                      | 12'             | 3000               |  |
| 8.918-366.0                                      | 15'             | 3000               |  |
| 8.919-124.0                                      | 16'             | 3000               |  |
| 8.918-369.0                                      | 17'             | 3000               |  |
| 8.918-371.0                                      | 18'             | 3000               |  |
| 8.918-375.0                                      | 20'             | 3000               |  |
| 3/8" BLUE - 1-W                                  | IRE WITH BEND R | ESTRICTORS ONE END |  |
| 8.918-367.0                                      | 15'             | 3000               |  |
| 8.918-368.0                                      | 16'             | 3000               |  |
| 8.918-372.0                                      | 18'             | 3000               |  |
| 8.918-376.0                                      | 20'             | 3000               |  |
| 1/4" BLUE - 1-WIRE WITH BEND RESTRICTORS ONE END |                 |                    |  |
| 8.918-388.0                                      | 12'             | 3000               |  |
| 8.918-390.0                                      | 13'             | 3000               |  |
| 8.918-392.0                                      | 14'             | 3000               |  |
| 8.918-404.0                                      | 20'             | 3000               |  |

## **SEWER HOSE**

Super Flexible Sewer Line Hose. Hose and couplings have small outside diameter, allowing hose and nozzles to fit through sewer line. Sewer line has Super Tough polyether cover over ultra-flexible nylon tube. 1/8" sewer nozzle and hose will operate through many 1-1/2" lines.

- Temperature: 160°F
- Nylon Tube
- 1.5 GPM Optimum Flow 1/8" 2.5 GPM Optimum Flow 1/4"

- Ideal for cleaning lateral lines, drains & tanks
- Thermoplastic Polyurethane black cover that is oil, weather, ozone, and abrasion resistant
- Nozzles Not Included



| PART NO.        | DESCRIPTION                     |
|-----------------|---------------------------------|
| 1/8" HOSE - 480 | 00 PSI, 1/4" INLET, 1/8" OUTLET |
| 8.705-601.0     | 1/8" x 25'                      |
| 8.705-602.0     | 1/8" x 50'                      |
| 8.705-603.0     | 1/8" x 100'                     |
| 1/4" HOSE - 260 | 00 PSI, 1/4" INLET, 1/4" OUTLET |
| 8.705-607.0     | 1/4" x 50'                      |
| 8.705-608.0     | 1/4" x 100'                     |
| 1/4" HOSE - 440 | 00 PSI, 1/4" INLET, 1/4" OUTLET |
| 8.705-610.0     | 1/4" x 50'                      |
| 8.705-611.0     | 1/4" x 100'                     |
| 8.705-613.0     | 1/4" x 200'                     |

## Q.C. SOCKETS & PLUGS - LEGACY -**BRASS & STEEL**

Brass Couplers, designed for 4000 PSI and extended durability. Affordable and rugged all in one.



- PSI Max: 4000
- Pecision Brass Design
- Stainless-Steel Band for Increased Durability (Except 1/2")
- Unrestricted Free-Flow

| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 9.802-164.0 | 1/4" FPT Brass Socket |
| 9.802-166.0 | 3/8" FPT Brass Socket |
| 8.707-166.0 | 1/2" FPT Brass Socket |
| 9.802-165.0 | 1/4" MPT Brass Socket |
| 9.802-169.0 | 3/8" MPT Brass Socket |
| 8.707-167.0 | 1/2" MPT Brass Socket |

Steel Nipples, hardened steel combined with zinc yellow chromate plating holds up to the harshest environments.



- PSI Max: 4000
- Zinc-Plated
- Hardened Steel

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.707-136.0 | 1/4" FPT Steel Plug |
| 9.802-170.0 | 3/8" FPT Steel Plug |
| 8.707-165.0 | 1/2" FPT Steel Plug |
| 8.707-139.0 | 1/4" MPT Steel Plug |
| 9.802-171.0 | 3/8" MPT Steel Plug |
| 8.707-164.0 | 1/2" MPT Steel Plug |

## Q.C. SOCKETS & PLUGS - LEGACY - Legacy **STAINLESS-STEEL**



- PSI: 6000
- 303 Stainless-Steel
- Chemical-Resistant

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.707-110.0 | 1/4" MPT Stainless-steel Socket |
| 8.707-135.0 | 3/8" MPT Stainless-steel Socket |
| 8.707-140.0 | 1/4" MPT Stainless-steel Plug   |
| 8.707-152.0 | 3/8" MPT Stainless-steel Plug   |
| 8.707-103.0 | 1/4" FPT Stainless-steel Socket |
| 8.707-125.0 | 3/8" FPT Stainless-steel Socket |
| 8.707-138.0 | 1/4" FPT Stainless-steel Plug   |
| 8.707-144.0 | 3/8" FPT Stainless-steel Plug   |
| 9.114-991.0 | 1/2" FPT Stainless-steel Socket |
| 9.114-992.0 | 1/2" MPT Stainless-steel Socket |

#### **O-RINGS**

O-Rings for Legacy, AP, Hansen, Foster, Parker and quickcoupler brands.



- EPDM to 280°F
- Buna to 210°F
- Viton to 300°F

| PART NO.    | QC SIZE | BULK PART NO.* |
|-------------|---------|----------------|
| EPDM QC     |         |                |
| 8.701-981.0 | 1/8"    |                |
| 9.802-098.0 | 1/4"    | 9.114-431.0*   |
| 9.802-102.0 | 3/8"    | 9.114-432.0*   |
| BUNA QC     |         |                |
| 8.702-015.0 | 1/4"    | 9.114-433.0*   |
| 8.702-017.0 | 3/8"    | 9.114-434.0*   |
| 8.702-021.0 | 1/2"    |                |
| VITON QC    |         |                |
| 8.702-084.0 | 1/4"    | 9.114-435.0*   |
| 8.702-088.0 | 3/8"    | 9.114-436.0*   |
| 8.702-090.0 | 1/2"    |                |

<sup>\*</sup>Pack of 1000

## **Q.C. SOCKETS & PLUGS - FOSTER**









- Precision Performance
- Unrestricted Bore for Free Flow
- Resists Plug Deformation When Pressure Spikes Occur and Withstands Pump Pulse
- Brass 5200 PSI
- Steel & Stainless Steel 5500 PSI

| PART NO.    | DESCRIPTION | TYPE            |
|-------------|-------------|-----------------|
| SOCKETS     |             |                 |
| 8.756-030.0 | 1/4" Male   | Brass           |
| 8.756-031.0 | 1/4" Female | Brass           |
| 8.756-032.0 | 3/8" Male   | Brass           |
| 8.756-033.0 | 3/8" Female | Brass           |
| 8.756-034.0 | 1/2" Female | Brass           |
| PLUGS       |             |                 |
| 8.756-035.0 | 1/4" Male   | Steel           |
| 8.756-036.0 | 1/4" Female | Steel           |
| 8.756-037.0 | 3/8" Male   | Steel           |
| 8.756-038.0 | 3/8" Female | Steel           |
| 8.756-039.0 | 3/8" Male   | Stainless-steel |
| 8.756-040.0 | 3/8" Female | Stainless-steel |
| 8.756-041.0 | 1/2" Male   | Steel           |
| 8.756-042.0 | 1/2" Female | Steel           |

### **Q.C. SOCKETS & PLUGS - SNAPTITE SERIES**

Snaptite Quick Sockets and Plugs are precision-built for extreme high pressure.

■ PSI Max: 11,000

■ Temperature: -40°F to 205°F





■ Zinc Chromate

| PART NO.     | DESCRIPTION | ТҮРЕ          |
|--------------|-------------|---------------|
| SOCKET       |             |               |
| 8.707-115.0  | 1/4" FPT    | Zinc Chromate |
| 8.707-116.0  | 1/4" MPT    | Zinc Chromate |
| 9.802-167.0  | 3/8" FPT    | Zinc Chromate |
| PLUG         |             |               |
| 8.707-117.0  | 1/4" FPT    | Zinc Chromate |
| 8.707-121.0  | 1/4" MPT    | Zinc Chromate |
| 9.802-168.0  | 3/8" FPT    | Zinc Chromate |
| 8.707-120.0  | 3/8" MPT    | Zinc Chromate |
| SEAL, U-PACK |             |               |
| 9.804-043.0  | 1/4"        | Zinc Chromate |
| 8.706-712.0  | 3/8"        | Zinc Chromate |

## **Q.C. SOCKETS & PLUGS - ST SERIES**

|        | STEEL PLUG | BRASS PLUG | STAINLESS-STEEL |
|--------|------------|------------|-----------------|
| SERIES | PSI        | PSI        | PSI             |
| 1/8"   | 2600       | 2500       | 4200            |
| 1/4"   | 5500       | 5200       | 6700            |
| 3/8"   | 3500       | 2700       | 6300            |
| 1/2"   | 2700       | 2200       | 3000            |
| 3/4"   | 1700       | 1700       | 1700            |

| PART NO.    | DESCRIPTION | ТУРЕ                     |
|-------------|-------------|--------------------------|
| SOCKETS     |             |                          |
| 8.709-436.0 | 1/8" MPT    | Brass                    |
| 8.709-463.0 | 3/4" MPT    | Brass                    |
| 8.709-462.0 | 3/4" FPT    | Brass                    |
| 8.709-566.0 | 3/8" MPT    | Stainless-steel          |
| 8.709-564.0 | 3/8" FPT    | Stainless-steel          |
| 8.709-457.0 | 1/2" FPT    | Stainless-steel          |
| PLUGS       |             |                          |
| 8.709-478.0 | 1/8" MPT    | Steel, Zinc-plated       |
| 8.709-479.0 | 1/8" FPT    | Steel, Zinc-plated       |
| 8.709-502.0 | 3/4" MPT    | Steel, Zinc-plated       |
| 8.709-509.0 | 3/4" FPT    | Steel, Zinc-plated       |
| 8.709-486.0 | 1/4" MPT    | Hardened Stainless-steel |
| 8.709-488.0 | 1/4" FPT    | Hardened Stainless-steel |
| 8.709-480.0 | 1/2" MPT    | Hardened Stainless-steel |
| 8.709-481.0 | 1/2" FPT    | Hardened Stainless-steel |

#### O.C. SOCKETS & PLUGS - M22 - TWIST SEAL

Allows U.S. standard hose to connect to 22 mm European fittings.



- PSI Max: 4000
- GPM: 7.8
- Temperature Max: 302°F
- Internal O-Ring Seal
- Machined-brass Body
- High-Impact Plastic Knob
- Not Threaded

| PART NO.    | DESCRIPTION | ТҮРЕ                |
|-------------|-------------|---------------------|
| 8.709-522.0 | 1/4" FPT    | Machined-brass Body |
| 8.709-530.0 | 3/8" FPT    | Machined-brass Body |
| 9.802-173.0 | 1/4" MPT    | Machined-brass Body |
| 8.709-526.0 | 3/8" MPT    | Machined-brass Body |

Plugs are made of heavy-duty machined-brass for a safe and leak-free connection.









| PART NO.    | DESCRIPTION TYPE |                     |  |
|-------------|------------------|---------------------|--|
| 8.709-540.0 | 1/4" FPT         | Machined-brass Body |  |
| 8.709-546.0 | 3/8" FPT         | Machined-brass Body |  |
| 8.709-536.0 | 1/4" MPT         | Machined-brass Body |  |
| 8.707-185.0 | 3/8" MPT         | Machined-brass Body |  |
| 9.115-009.0 | M22 X M22        | Machined Brass body |  |

## Q.C. SOCKETS & PLUGS - EXTENDED TWIST SEAL



- PSI: 3600
- GPM: 11
- Temperature: 300°F
- Double O-Ring Seal
- Machined-Brass Body
- High-Impact Plastic Knob

| PART NO.    | DESCRIPTION                        | PSI MAX |
|-------------|------------------------------------|---------|
| 8.709-535.0 | 1/4" FPT x M22,<br>Female, Coupler | 3600    |
| 8.709-555.0 | 1/4" FPT x M22, Male,<br>Plug      | 3600    |

## **Q.C. SOCKETS & PLUGS - M22 - TWIST SEAL**

Couples U.S. standard pipe threads to 22 mm European fittings found on imported pressure washers.







Sockets

- PSI Max: 4000, GPM: 7.8
- Temperature Max: 302°F
- 3.9 to 4.2 Oz. Weight
- Internal O-ring with back ring seal assures no-leak operation
- Oversized High-Impact Plastic Knob
- Machined-Brass Body

| PART NO.    | DESCRIPTION TYPE |                     |  |
|-------------|------------------|---------------------|--|
| 8.709-524.0 | 1/4" FPT         | Machined-brass Body |  |
| 8.709-531.0 | 3/8" FPT         | Machined-brass Body |  |
| 8.709-534.0 | 1/2" FPT         | Machined-brass Body |  |
| 8.709-521.0 | 1/4" MPT         | Machined-brass Body |  |
| 8.709-528.0 | 3/8" MPT         | Machined-brass Body |  |
| 8.709-533.0 | 1/2" MPT         | Machined-brass Body |  |







Plugs

| PART NO.    | DESCRIPTION | ТҮРЕ                |
|-------------|-------------|---------------------|
| 8.709-548.0 | 3/8" FPT    | Machined-brass Body |
| 8.709-553.0 | 1/2" FPT    | Machined-brass Body |
| 8.709-539.0 | 1/4" MPT    | Machined-brass Body |
| 8.709-551.0 | 1/2" MPT    | Machined-brass Body |

## Q.C. SOCKETS & PLUGS- M22 - QUICK DISCONNECT





■ PSI: 4000

■ Temperature: 175°F

■ EPDM O-Rings

Part # 8.709-554.0

■ Machined-brass Body

| PART NO.    | DESCRIPTION             |
|-------------|-------------------------|
| 8.709-554.0 | 3/8" QC Coupler X M22 M |
| 8.709-601.0 | 3/8" Plug X M22 F       |
| 9 114-604 0 | 3/8" OC Coupler X M22 F |



O-Rings - M22, VIton

| PART NO.    | DESCRIPTION          |
|-------------|----------------------|
| 8.704-036.0 | O-rings, M22 Viton   |
| 8.704-037.0 | Back Ring, 2.4 x 9.3 |
| 8.756-782.0 | O-rings (EPDM)       |

## Q.C. SOCKETS & PLUGS - DOUBLE SHUT-OFF



8.709-580.0



8.709-556.0

- Quick disconnect without drips and leaks
- Indispensable for in-plant multiple station systems
- Machined-construction brass, zinc-plated steel or stainless steel

| PART NO.    | DESCRIPTION | TYPE                | PSI MAX |
|-------------|-------------|---------------------|---------|
| SOCKETS     |             |                     |         |
| 8.709-556.0 | 1/8" FPT    | Brass               | 3000    |
| 8.756-043.0 | 1/4" FPT    | Brass               | 2700    |
| 8.709-559.0 | 3/8" FPT    | Brass               | 2200    |
| 8.709-560.0 | 1/2" FPT    | Brass               | 2250    |
| 8.709-561.0 | 1/2" FPT    | Stainless-<br>steel | 4250    |
| 8.709-562.0 | 3/4" FPT    | Brass               | 2000    |
| PLUGS       |             |                     |         |
| 8.709-580.0 | 1/8" FPT    | Brass               | 3000    |
| 8.709-583.0 | 3/8" FPT    | Brass               | 2200    |
| 8.756-044.0 | 1/4" FPT    | Brass               | 2700    |
| 8.709-584.0 | 1/2" FPT    | Brass               | 2250    |
| 8.709-582.0 | 3/8" FPT    | Steel, Zinc         | 4000    |

#### O-RING REPLACEMENTS



Replacement O-Rings

- Nitrile Up to 210°F
- Use Viton for 230°F and Above

PART NO. **DESCRIPTION TYPE MAX TEMP** 8.701-994.0 1/8" O-ring Nitrile Up To 210°F 8.702-015.0 1/4" O-ring Nitrile Up To 210°F 3/8" O-ring Nitrile Up To 210°F 8.702-017.0 8.702-021.0 1/2" O-ring Nitrile Up To 210°F 8.702-084.0 1/4" O-ring Viton 230°F + 8.702-088.0 3/8" O-ring Viton 230°F + 8.702-090.0 1/2" O-ring Viton 230°F + 8.702-023.0 3/32" O-ring Nitrile\* 230°F +

#### O.C. SOCKETS & PLUGS - A+ BRASS

Designated for 4000 PSI and extended durability. EPDM O-rings as standard. Affordable and rugged all in one.





| PART NO.    | DESCRIPTION     | PSI  |  |
|-------------|-----------------|------|--|
| 8.750-695.0 | 1/4" Socket FPT | 4000 |  |
| 8.750-696.0 | 1/4" Socket MPT | 4000 |  |
| 8.750-697.0 | 3/8" Socket FPT | 4000 |  |
| 8.750-698.0 | 3/8" Socket MPT | 4000 |  |
|             |                 |      |  |

## **SWIVELS - 90°**

Excellent for car wash booms and hose reels. Remarkable value, comparable to best swivels made.



- PSI: 4000
- Temperature: 225°F
- Forged-Brass Body
- Nitrile O-Ring

| PART NO.    | DESCRIPTION                             | PSI MAX |
|-------------|---|---------|
| 8.712-460.0 | 3/8" M x 3/8" F                         | 4000    |
| 8.712-461.0 | 3/8" F x 3/8" F                         | 4000    |
| 8.712-462.0 | 1/2" M x 1/2" F                         | 4000    |
| 8.712-463.0 | 1/2" F x 1/2" F                         | 4000    |
| 8.712-464.0 | 1/2" M x 3/8" F                         | 4000    |
| 8.712-469.0 | 3/8" F x 3/4" M w 3/8"<br>Inside thread | 4000    |
| 8.900-855.0 | Repair Kit                              | 4000    |

## **SWIVELS - RIGHT ANGLE**



8.712-449.0

- PSI Max: 3000 (Brass)
- PSI Max: 5000 (Stainless-Steel)
- Temperature: 300°F360° Swivel Rotation



8.712-448.0

| PART NO.    | DESCRIPTION                                     | TYPE                |  |
|-------------|---|---------------------|--|
| 8.712-448.0 | 3/8" Swivel                                     | Stainless-<br>steel |  |
| 8.712-450.0 | 3/8" Swivel                                     | Brass               |  |
| 8.712-449.0 | 1/2" Swivel                                     | Brass               |  |
| 8.700-287.0 | 3/8" Repair Kit for<br>8.712-448.0, 8.712-450.0 |                     |  |
| 8.700-285.0 | 1/2" Repair Kit for                             | 8.712-449.0         |  |

<sup>\*</sup> For Kit 1

## **SWIVELS - STAINLESS-STEEL. HIGH-PRESSURE**



Perfect for Hose to Trigger Gun Swivel connection



- GPM Max: 15
- MAX PSI: 5000
- Temperature: 250° F
- Viton Seals

| PART NO.    | DESCRIPTION   | PSI  |
|-------------|---------------|------|
| 9.113-294.0 | 3/8 MPT X FPT | 5000 |

## **SWIVELS - STAINLESS-STEEL, HIGH-**PRESSURE AND ECONOMY BRASS



- GPM Max: 10.5 (Stainless-Steel) 7.8 (Brass)
- Temperature: 320°F (Stainless-Steel) 195°F (Brass)
- Highly Resistant to Harsh Chemicals
- "Live" Swivel at Full Pressure
- Weight: 6 oz..

| PART NO.    | DESCRIPTION                               | PSI  |
|-------------|---|------|
| 8.712-456.0 | 1/4" M x F, Swivel - SS                   | 5600 |
| 8.712-455.0 | 3/8" M x F, Swivel - SS                   | 5600 |
| 8.712-443.0 | 3/8" M x F, Swivel - Brass                | 3600 |
| 8.704-096.0 | Repair Kit for 8.712-456.0<br>8.712-455.0 | ,    |

## **SWIVELS - GUN -MOSMATIC**



Made of corrosion-resistant material and stainless-steel, selflubricated bearings, the new gun swivel offers highest-quality Swissmade craftsmanship.



- PSI: 4000
- Temperature: 250°F
- GPM: 30

| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 8.712-467.0 | 1/4" NPTF, Gun Swivel |
| 8.712-466.0 | 3/8" NPTF, Gun Swivel |

### **SWIVELS - STAINLESS-STEEL BALL BEARING**



- PSI Max: 3500
- Temperature: 180°F
- Hardened, Stainless-Steel Body
- Nitrile Buna Seals
- M x F NPT Thread
- Ball-bearing design ensures free swivel action under pressure
- Suitable for extended-wear applications

| PART NO.    | DESCRIPTION               | GPM  |
|-------------|---------------------------|------|
| 8.712-457.0 | 1/4" Stainless-steel      | 6.8  |
| 8.712-458.0 | 3/8" Stainless-steel      | 10.6 |
| 8.712-459.0 | 1/2" Stainless-steel      | 27.0 |
| 8.700-459.0 | Repair Kit for 8.712-458. | 0    |
| 8.700-460.0 | Repair Kit for 8.712-457. | 0    |
| 8.700-461.0 | Repair Kit for 8.712-459. | 0    |

#### **SWIVELS - STAINLESS-STEEL**





- PSI: 4000
- Temperature: 200°F
- All Stainless Construction
- Teflon® Swivel Ring
- Rebuildable
- 3/8" In and Out

| PART NO.    | DESCRIPTION       |
|-------------|-------------------|
| 8.712-446.0 | 3/8"<br>MPT x FPT |
| 8.712-447.0 | 3/8"<br>FPT x FPT |
| 8.900-764.0 | Seal Kit          |

#### **SWIVELS - BALL BEARING**

Swivels freely even at maximum pressure level noted below.





- Brass and Stainless-steel Materials
- Inline & 90 Degree Options

8.712-479.0

| PART NO.       | DESCRIPTION    | PSI MAX |
|----------------|----------------|---------|
| INLINE SWIVELS |                |         |
| 8.712-438.0    | 1/4" MPT x FPT | 2000    |
| 8.712-439.0    | 1/4" MPT x FPT | 3500    |
| 8.712-440.0    | 3/8" MPT x FPT | 2000    |
| 8.712-441.0    | 3/8" MPT x FPT | 3500    |
| 90° SWIVELS    |                |         |
| 8.712-479.0    | 1/4" 90°       | 3500    |
| 8.700-263.0    | Rebuild Kit    |         |

## **SWIVELS - A+ LONG BODY STYLE**





- PSI: 3000
- Brass Housing
- Stainless-Steel Flow-Through Bolt
- Close-tolerance fit ensures leakproof seal
- Teflon® Ring Provides Free Swivel

| PART NO.    | DESCRIPTION     | TYPE  |
|-------------|-----------------|-------|
| 8.904-551.0 | 3/8" MPT x FPT* | Brass |
| 8.904-552.0 | 3/8" FPT x FPT* | Brass |
| 8.900-764.0 | Seal Kit        |       |

#### \* Long Body Style

#### **ADAPTERS - BRASS**



■ FPT X MPT

| PART NO.    | DESCRIPTION | TYPE  |
|-------------|-------------|-------|
| 8.705-186.0 | 1/8" x 1/8" | Brass |
| 9.803-054.0 | 1/4" x 1/8" | Brass |
| 8.705-188.0 | 1/4" x 1/4" | Brass |
| 8.705-185.0 | 3/8" x 1/8" | Brass |
| 9.804-007.0 | 3/8" x 1/4" | Brass |
| 8.705-190.0 | 3/8" x 3/8" | Brass |
| 8.705-192.0 | 1/2" x 1/4" | Brass |
| 8.705-191.0 | 1/2" x 3/8" | Brass |
| 9.802-148.0 | 1/2" x 1/2" | Brass |
| 8.705-194.0 | 3/4" x 1/2" | Brass |
| 8.705-195.0 | 3/4" x 3/4" | Brass |

## **BUSHINGS - BRASS**



■ FPT X MPT

| PART NO.    | DESCRIPTION | ТҮРЕ  |  |
|-------------|-------------|-------|--|
| 9.803-564.0 | 1/4" x 1/8" | Brass |  |
| 8.705-129.0 | 3/8" x 1/4" | Brass |  |
| 9.804-015.0 | 3/8" x 1/8" | Brass |  |
| 9.802-135.0 | 1/2" x 1/4" | Brass |  |
| 8.705-132.0 | 1/2" x 3/8" | Brass |  |
| 8.705-133.0 | 3/4" x 3/8" | Brass |  |
| 9.802-136.0 | 3/4" x 1/2" | Brass |  |

#### **HEX COUPLINGS - BRASS**



| PART NO.    | DESCRIPTION | ТҮРЕ  |
|-------------|-------------|-------|
| 8.705-150.0 | 1/8" F      | Brass |
| 8.705-151.0 | 1/4" F      | Brass |
| 8.705-152.0 | 3/8" F      | Brass |
| 8.705-153.0 | 1/2" F      | Brass |
| 8.705-154.0 | 3/4" F      | Brass |

### **HEX COUPLINGS - REDUCING - BRASS**



| PART NO.    | DESCRIPTION   | TYPE  |  |
|-------------|---------------|-------|--|
| 8.705-155.0 | 1/4" x 1/8" F | Brass |  |
| 8.705-156.0 | 3/8" x 1/4" F | Brass |  |
| 8.705-157.0 | 1/2" x 1/4" F | Brass |  |
| 8.705-158.0 | 1/2" x 3/8" F | Brass |  |
| 8.705-159.0 | 3/4" x 1/2" F | Brass |  |

## **HEX NIPPLES - DOUBLE - BRASS**



| PART NO.    | DESCRIPTION   | TYPE  |  |
|-------------|---------------|-------|--|
| 8.705-224.0 | 1/8" x 1/8" M | Brass |  |
| 9.802-108.0 | 1/4" x 1/4" M | Brass |  |
| 8.705-228.0 | 3/8" x 3/8" M | Brass |  |
| 9.803-989.0 | 1/2" x 1/2" M | Brass |  |
| 8.705-233.0 | 3/4" x 3/4" M | Brass |  |
| 8.705-234.0 | 1" x 1" M     | Brass |  |

## **HEX REDUCING NIPPLES - BRASS**



| PART NO.    | DESCRIPTION   | TYPE  |
|-------------|---------------|-------|
| 8.630-575.0 | 1/4" x 1/8" M | Brass |
| 8.705-223.0 | 3/8" x 1/8" M | Brass |
| 8.705-227.0 | 3/8" x 1/4" M | Brass |
| 8.705-229.0 | 1/2" x 1/4" M | Brass |
| 9.803-276.0 | 1/2" x 3/8" M | Brass |
| 9.803-556.0 | 3/4" x 1/2" M | Brass |

## **NIPPLES - BRASS - OPEN & CLOSE**





Close Nipple

| PART NO.    | DESCRIPTION   | TYPE  |
|-------------|---------------|-------|
| 8.705-201.0 | 1/8" Close    | Brass |
| 8.705-204.0 | 1/4" Close    | Brass |
| 8.705-211.0 | 3/8" Close    | Brass |
| 9.802-109.0 | 1/2" Close    | Brass |
| 8.705-220.0 | 3/4" Close    | Brass |
| 8.705-202.0 | 1/8" x 1-1/2" | Brass |
| 8.705-203.0 | 1/8" x 2-1/2" | Brass |
| 8.705-205.0 | 1/4" x 1-1/2" | Brass |
| 8.705-206.0 | 1/4" x 2"     | Brass |
| 8.705-207.0 | 1/4" x 2-1/2" | Brass |
| 8.705-212.0 | 3/8" x 1-1/2" | Brass |
| 8.705-213.0 | 3/8" x 2-1/2" | Brass |
| 8.705-214.0 | 3/8" x 3"     | Brass |
| 8.705-217.0 | 1/2" x 1-1/2" | Brass |
| 8.705-218.0 | 1/2" x 3"     | Brass |
| 8.705-221.0 | 3/4" x 2"     | Brass |
| 8.705-222.0 | 3/4" x 3"     | Brass |

## **SWIVELS - JIC**



9.802-151.0

| PART NO.    | DESCRIPTION              | TYPE    |
|-------------|--------------------------|---------|
| 9.802-153.0 | 1/4" Barb x 1/4" JIC FP7 | ⊺ Brass |
| 9.802-151.0 | 1/2" Barb x 1/2" JIC FP1 | 「 Brass |
| 9.802-152.0 | 3/4" Barb x 3/4" JIC FP1 | ⊺ Brass |
| 9.802-048.0 | 1/2" JIC FPT x 3/8" MPT  | Steel   |
| 8.706-315.0 | 1/2" JIC FPT x 1/2" MPT  | Steel   |

#### **NIPPLES - JIC X-PIPE**



| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.706-265.0 | 1/2" JIC x 1/4" FPT |
| 9.802-037.0 | 1/2" JIC x 3/8" FPT |
| 9.802-036.0 | 1/2" JIC x 3/8" MPT |
| 9.802-038.0 | 1/2" JIC x 1/2" MPT |

## **ELBOWS - 90° - BRASS**









| PART NO.      | DESCRIPTION         | TYPE  |
|---------------|---------------------|-------|
| 8.705-160.0   | 1/8" FPT            | Brass |
| 8.705-161.0   | 1/4" FPT            | Brass |
| 9.802-113.0   | 3/8" FPT            | Brass |
| 9.803-265.0   | 1/2" FPT            | Brass |
| 8.705-164.0   | 3/4" FPT            | Brass |
| 8.705-169.0   | 1/4" x 1/4" MPT     | Brass |
| 8.705-171.0   | 3/8" x 3/8" MPT     | Brass |
| 8.705-173.0   | 1/2" x 1/2" MPT     | Brass |
| 9.802-129.0   | 1/2" JIC x 3/8" MPT | Brass |
| 9.802-131.0   | 1/2" JIC x 1/2" MPT | Brass |
| REDUCING ELBO | WS                  |       |
| 8.705-165.0   | 1/4" FPT x 1/8" FPT | Brass |
| 8.705-166.0   | 3/8" FPT x 1/4" FPT | Brass |
| 8.705-168.0   | 1/4" x 1/8" MPT     | Brass |
| 8.705-167.0   | 3/8" x 1/8" MPT     | Brass |
| 8.705-170.0   | 3/8" x 1/4" MPT     | Brass |
| 8.705-172.0   | 1/2" x 3/8" MPT     | Brass |

## **ELBOWS - STREET-BRASS**





| PART NO.          | DESCRIPTION | TYPE  |
|-------------------|-------------|-------|
| 90° STREET ELBO   | ows         |       |
| 8.705-174.0       | 1/8" M x F  | Brass |
| 9.803-839.0       | 1/4" M x F  | Brass |
| 9.802-114.0       | 3/8" M x F  | Brass |
| 9.802-115.0       | 1/2" M x F  | Brass |
| 9.803-555.0       | 3/4" M x F  | Brass |
| 45° STREET ELBOWS |             |       |
| 8.705-180.0       | 1/8" M x F  | Brass |
| 8.705-181.0       | 1/4" M x F  | Brass |
| 8.705-182.0       | 3/8" M x F  | Brass |
| 8.705-183.0       | 1/2" M x F  | Brass |
| 8.705-184.0       | 3/4" M x F  | Brass |

#### **TEES - FPT - FORGED-BRASS**



| PART NO.    | DESCRIPTION | TYPE  |
|-------------|-------------|-------|
| 8.705-246.0 | 1/8" F      | Brass |
| 8.705-247.0 | 1/4" F      | Brass |
| 8.705-248.0 | 3/8" F      | Brass |
| 9.802-117.0 | 1/2" F      | Brass |
| 8.705-251.0 | 3/4" F      | Brass |

## **TEES - BRANCH-BRASS**



■ FPT x FPT x MPT Pipe Run

| PART NO.    | DESCRIPTION | ТҮРЕ  |
|-------------|-------------|-------|
| 9.802-120.0 | 1/4"        | Brass |
| 8.705-254.0 | 3/8"        | Brass |
| 8.705-255.0 | 1/2"        | Brass |

## **TEES - STREET-BRASS**



■ FPT x FPT x MPT Pipe Run

| PART NO.    | DESCRIPTION | ТҮРЕ  |
|-------------|-------------|-------|
| 9.802-121.0 | 1/4"        | Brass |
| 8.705-257.0 | 3/8"        | Brass |
| 9.802-122.0 | 1/2"        | Brass |
| 8.705-259.0 | 3/4"        | Brass |

## **CROSSES - FPT - BRASS EXTRUDED**



| PART NO.    | DESCRIPTION | TYPE  |
|-------------|-------------|-------|
| 8.705-196.0 | 1/4"        | Brass |
| 8.705-197.0 | 3/8"        | Brass |
| 8.705-198.0 | 1/2"        | Brass |
| 8.705-199.0 | 3/4"        | Brass |
|             |             |       |

#### **NIPPLES -JIC - BRASS**



9.802-128.0



8.706-894.0

| PART NO.    | DESCRIPTION              | TYPE  |
|-------------|--------------------------|-------|
| 8.706-872.0 | 1/2" JIC x 1/4" MPT      | Brass |
| 9.802-127.0 | 1/2" JIC x 3/8" MPT      | Brass |
| 9.802-128.0 | 1/2" JIC x 1/2" MPT      | Brass |
| 8.706-877.0 | 1/2" JIC x 3/4" MPT      | Brass |
| 8.706-894.0 | 1/2" JIC x 1/2" FPT      | Brass |
| 8.706-895.0 | 1/2" JIC x 3/8" FPT      | Brass |
| 8.706-896.0 | 1/2" JIC x 1/4" FPT      | Brass |
| 8.706-897.0 | 1/2" JIC x 3/4" FPT      | Brass |
| 8.706-899.0 | 3/4" JIC x 3/4" Pipe MPT | Brass |
| 8.706-971.0 | 1/2" JIC x 3/4" GHF      | Brass |

## **BARBS - PUSH-N-LOCK**





Normally requires no clamps

Barb x Barb

|             | iio ciaiiips |       |
|-------------|--------------|-------|
| PART NO.    | DESCRIPTION  | TYPE  |
| BARB X MPT  |              |       |
| 8.705-069.0 | 1/4" x 1/8"  | Brass |
| 8.705-070.0 | 1/4" x 1/4"  | Brass |
| 8.705-071.0 | 1/4" x 3/8"  | Brass |
| 8.705-072.0 | 3/8" x 1/8"  | Brass |
| 8.705-073.0 | 3/8" x 1/4"  | Brass |
| 8.705-074.0 | 3/8" x 3/8"  | Brass |
| 8.705-075.0 | 3/8" x 1/2"  | Brass |
| 8.705-076.0 | 3/8" x 3/4"  | Brass |
| 8.705-077.0 | 1/2" x 1/4"  | Brass |
| 9.802-156.0 | 1/2" x 3/8"  | Brass |
| 8.705-079.0 | 1/2" x 1/2"  | Brass |
| 8.705-080.0 | 1/2" x 3/4"  | Brass |
| 8.705-081.0 | 5/8" x 3/8"  | Brass |
| 8.705-082.0 | 5/8" x 1/2"  | Brass |
| 8.705-083.0 | 5/8" x 3/4"  | Brass |
| 8.705-084.0 | 3/4" x 1/2"  | Brass |
| 8.705-085.0 | 3/4" x 3/4"  | Brass |
| BARB X BARB |              |       |
| 8.705-064.0 | 1/4" x 1/4"  | Brass |
| 8.705-065.0 | 3/8" x 3/8"  | Brass |
| 8.705-066.0 | 1/2" x 1/2"  | Brass |
| 8.705-067.0 | 5/8" x 5/8"  | Brass |
| 8.705-068.0 | 3/4" x 3/4"  | Brass |

## **HOSE BARBS - BRASS CHECK BARBS**



- 1/4" MPT x 1/4" Barb
- Brass Body
- Buna or Viton Check Ball

| PART NO.    | DESCRIPTION                | TYPE       |
|-------------|----------------------------|------------|
| 8.904-389.0 | Check Hose Barb -<br>Viton | Brass Body |
| 8.904-390.0 | Check Hose Barb -<br>Buna  | Brass Body |

#### **HOSE BARBS - SWIVEL - LOW PRESSURE**

Swivels easily at low pressure to eliminate twists and tangles in chemical or water lines.



- PSI Max: 300
- Temperature: 210°F
- Brass MPT base with steel hose barb

| PART NO.    | DESCRIPTION | ТҮРЕ                          |  |
|-------------|-------------|-------------------------------|--|
| 8.705-050.0 | 1/4" × 1/4" | Brass MPT,<br>Steel Hose Barb |  |
| 8.705-052.0 | 3/8" x 3/8" | Brass MPT,<br>Steel Hose Barb |  |
| 8.705-053.0 | 1/2" x 1/2" | Brass MPT,<br>Steel Hose Barb |  |

## **HOSE BARBS - ORIFICED**

Inexpensive way to create suction on inlet side of pump



- 3/8" MPT x 5/8" Barb
- Used in-line from float tank to pump
- One-Piece, Machined-Brass
- Standard orfice 5/32" drill up to 3/8" to fit your need

| PART NO.    | DESCRIPTION           | TYPE           |
|-------------|-----------------------|----------------|
| 8.705-093.0 | Orificed Hose<br>Barb | Machined Brass |

#### **DRAIN COCKS**



| PART NO.    | DESCRIPTION                                 |
|-------------|---|
| 8.705-060.0 | 1/4" Fuel Drain with Tee Handle             |
| 8.705-061.0 | 1/4" Fuel Drain with Barb and<br>Tee Handle |

## **HOSE BARBS - BRASS**



90° Barb x MPT

■ 90° Barb x MPT, Barb x MPT, & Barb x FPT



Barb x MPT

| PART NO.       | DESCRIPTION   | TYPE  |
|----------------|---------------|-------|
| 90° BARB X MPT | DESCRIPTION   |       |
| 9.802-142.0    | 1/4" x 1/8"   | Brass |
| 9.802-143.0    | 1/4" × 1/4"   | Brass |
| 8.705-118.0    | 3/8" x 1/4"   | Brass |
| 8.705-119.0    | 3/8" x 3/8"   | Brass |
| 8.705-119.0    | 3/8" x 1/2"   | Brass |
| 8.705-120.0    | 1/2" x 1/4"   | Brass |
| 8.705-121.0    |               |       |
|                | 1/2" x 3/8"   | Brass |
| 8.705-123.0    | 1/2" x 1/2"   | Brass |
| 8.705-125.0    | 5/8" x 3/8"   | Brass |
| 8.705-126.0    | 5/8" x 1/2"   | Brass |
| BARB X MPT     | 4 (01) 4 (41) | D     |
| 8.705-097.0    | 1/8" x 1/4"   | Brass |
| 9.802-137.0    | 1/4" x 1/8"   | Brass |
| 9.802-138.0    | 1/4" x 1/4"   | Brass |
| 8.705-102.0    | 1/4" x 3/8"   | Brass |
| 8.705-108.0    | 1/4" x 1/2"   | Brass |
| 8.705-098.0    | 3/8" x 1/8"   | Brass |
| 8.705-104.0    | 3/8" x 1/4"   | Brass |
| 8.705-105.0    | 3/8" x 3/8"   | Brass |
| 8.705-103.0    | 3/8" x 1/2"   | Brass |
| 8.705-100.0    | 3/8" x 3/4"   | Brass |
| 8.705-110.0    | 1/2" x 1/4"   | Brass |
| 8.705-106.0    | 1/2" x 3/8"   | Brass |
| 8.705-109.0    | 1/2" x 1/2"   | Brass |
| 8.705-111.0    | 1/2" x 3/4"   | Brass |
| 8.705-107.0    | 5/8" x 3/8"   | Brass |
| 9.802-140.0    | 5/8" x 1/2"   | Brass |
| 8.705-113.0    | 5/8" x 3/4"   | Brass |
| 8.705-114.0    | 3/4" x 1/2"   | Brass |
| 8.705-115.0    | 3/4" x 3/4"   | Brass |
| BARB X FPT     |               |       |
| 8.706-949.0    | 1/4" x 1/4"   | Brass |

## **PLUGS - HEX HEAD**



| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.705-236.0 | 1/8"        |
| 8.705-238.0 | 1/4"        |
| 8.705-240.0 | 3/8"        |
| 9.803-673.0 | 1/2"        |
| 8.705-244.0 | 3/4"        |

## **PLUGS - ALLEN HEAD**



| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 9.803-051.0 | 1/8"        |
| 9.802-124.0 | 1/4"        |
| 8.705-241.0 | 3/8"        |
| 8.705-243.0 | 1/2"        |

## **LOCKNUT FITTINGS - HEX-HEAD PLUGS**



| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.705-041.0 | 1/8"        |
| 8.705-042.0 | 1/4"        |
| 8.705-043.0 | 3/8"        |
| 8.705-044.0 | 1/2"        |
| 8.705-045.0 | 3/4"        |

## **GARDEN HOSE FITTINGS**





8.705-034.0



■ MGH = Male Garden Hose ■ FGH = Female Garden Hose

■ Heavy-Duty, Machined-brass Fittings



8.901-292.0







8.709-460.0

9.804-016.0

9.802-145.0

8.705-087.0

| PART NO.                   | DESCRIPTION                               |  |
|----------------------------|---|--|
| SWIVEL FITTINGS - 3/4" FGH |   |  |
| 8.705-032.0                | 1/4" MPT                                  |  |
| 8.901-292.0                | 3/8" MPT                                  |  |
| 8.901-291.0                | 1/2" MPT                                  |  |
| 8.705-033.0                | 1/2" FPT (S-1)                            |  |
| 9.802-146.0                | 3/4" FGH Swivel with<br>1/2" MPT Strainer |  |
| 8.705-034.0                | 3/4" FPT (S-2)                            |  |
| 8.705-035.0                | 3/4" FGH (S-3)                            |  |
| 8.705-008.0                | 1/2" Barb                                 |  |
| 8.705-009.0                | 5/8" Barb                                 |  |
| 8.705-010.0                | 3/4" Barb                                 |  |
| GARDEN HOSE Q              | UICK COUPLERS                             |  |
| 8.709-460.0                | Female Hose Coupler                       |  |
| 8.709-508.0                | Male Hose Plug                            |  |
| GARDEN HOSE A              | CCESSORIES                                |  |
| 8.705-016.0                | Garden Hose Washer                        |  |
| 9.804-016.0                | Filter Screen Washer (30-mesh)            |  |
| SOLID FITTINGS             |   |  |
| 8.705-024.0                | 3/4" MGH x 3/8" MPT                       |  |
| 9.802-145.0                | 3/4" MGH x 1/2" MPT                       |  |
| 8.705-026.0                | 3/4" MGH x 3/4" MPT                       |  |
| 8.705-019.0                | 3/4" FGH x 1/2" FPT                       |  |
| 8.705-020.0                | 3/4" FGH x 3/4" FPT                       |  |
| 8.705-022.0                | 3/4" FGH x 1/2" MPT                       |  |
| 8.705-023.0                | 3/4" FGH x 3/4" MPT                       |  |
| 8.705-018.0                | 3/4" FGH x 3/4" FGH<br>(Stainless-steel)  |  |
| HOSE BARB FITT             | INGS                                      |  |
| 8.705-086.0                | 3/8" Barb x 3/4" MGH                      |  |
| 8.705-087.0                | 1/2" Barb x 3/4" MGH                      |  |
| 8.705-088.0                | 5/8" Barb x 3/4" MGH                      |  |
| 8.705-089.0                | 3/4" Barb x 3/4" MGH                      |  |
| 8.705-091.0                | 3/8" Barb x 3/4" FGH                      |  |
| 8.705-092.0                | 1/2" Barb x 3/4" FGH                      |  |
| 8.705-094.0                | 5/8" Barb x 3/4" FGH                      |  |
| 8.705-095.0                | 3/4" Barb x 3/4" FGH                      |  |

## **HOSE CLAMPS**

WARNING: LOW-PRESSURE USE ONLY!



- Not for Use on Pressure Washer Discharge Hose
- Stainless-Steel Band and Housing
- Screw Clamp Gear Tensions



- Nylon "Speedi-Clamp" Tightens with a Snap
- Releases with a Twist
- Pack of 50

| PART NO.                    | BAND                  | OD       | MIN  | - MAX  |
|-----------------------------|-----------------------|----------|------|--------|
| SCREW CLAMPS                |                       |          |      |        |
| 9.802-200.0                 | 4 mm                  | 5/16"    | .25  | 63     |
| 8.710-456.0                 | 5 mm                  | 5/16"    | .38  | 88     |
| 8.710-457.0                 | 10 mm                 | 5/16"    | .50  | - 1.06 |
| 8.710-458.0                 | H8                    | 1/2"     | .44  | 91     |
| 8.710-459.0                 | H10                   | 1/2"     | .56  | - 1.06 |
| 8.710-460.0                 | H12                   | 1/2"     | .69  | - 1.25 |
| 8.710-461.0                 | H16                   | 1/2"     | .7   | - 1.50 |
| 8.710-464.0                 | H32                   | 1/2"     | 1.56 | - 2.50 |
| 6.390-126.0                 | Red Spring<br>Clamp   |          | .466 | 54     |
| 8.709-116.0                 | Green Spring<br>Clamp |          | .40  | 48     |
| SPEEDI-CLAMPS - PACKS OF 50 |                       |          |      |        |
| 8.904-167.0                 | 1/4" ID Speed         | li-Clamp | )    |        |
| 8.904-168.0                 | 3/8" ID Speed         | li-Clamp | )    |        |
|                             |                       |          |      |        |

## **ADAPTERS - HIGH PSI - STEEL**



■ MPT x FPT

| PART NO.    | DESCRIPTION | PSI  | TYPE  |
|-------------|-------------|------|-------|
| 8.705-356.0 | 1/4" x 1/4" | 6000 | Steel |
| 8.705-357.0 | 1/4" x 3/8" | 6000 | Steel |
| 9.804-553.0 | 3/8" x 3/8" | 6000 | Steel |
| 8.706-302.0 | 3/8" x 1/2" | 6000 | Steel |
| 8.705-360.0 | 1/2" x 1/2" | 6000 | Steel |
| 8.705-361.0 | 1/2" x 3/4" | 6000 | Steel |
| 8.705-362.0 | 3/4" x 3/4" | 6000 | Steel |

## **COUPLINGS - HEX - HIGH PSI - STEEL**

- Up to 6000 PSI Working Pressure (18,000 PSI Burst)
- Attractive Zinc-Plated Protective Coating
- U.S. Standard Taper Pipe Threads

## **COUPLINGS - HEX - HEAVY WALL STEEL**



■ FPT x FPT

| PART NO.           | DESCRIPTION | PSI  |  |  |
|--------------------|-------------|------|--|--|
| HEX COUPLINGS      | i           |      |  |  |
| 8.705-364.0        | 1/4" x 1/4" | 6000 |  |  |
| 8.705-366.0        | 3/8" x 3/8" | 6000 |  |  |
| 8.706-141.0        | 1/2" x 1/2" | 5000 |  |  |
| 8.705-371.0        | 3/4" x 3/4" | 5000 |  |  |
| REDUCING COUPLINGS |             |      |  |  |
| 8.705-365.0        | 3/8" x 1/4" | 6000 |  |  |
| 8.705-367.0        | 1/2" x 3/8" | 5000 |  |  |
| 8.705-368.0        | 1/2" x 1/4" | 5000 |  |  |
| 8.705-370.0        | 3/4" x 1/2" | 4000 |  |  |
|                    |             |      |  |  |

## **NIPPLES - HEX - HIGH PSI - STEEL**



■ MPT X MPT

| PART NO.    | DESCRIPTION | PSI  |  |
|-------------|-------------|------|--|
| 9.802-010.0 | 1/4" × 1/4" | 6000 |  |
| 9.802-011.0 | 3/8" x 3/8" | 6000 |  |
| 9.802-012.0 | 1/2" x 1/2" | 6000 |  |
| 8.705-380.0 | 3/4" x 3/4" | 6000 |  |
| 9.802-022.0 | 3/8" x 1/4" | 6000 |  |
| 8.705-375.0 | 1/2" x 1/4" | 6000 |  |
| 8.705-376.0 | 1/2" x 3/8" | 6000 |  |
| 8.705-379.0 | 3/4" x 1/2" | 6000 |  |
|             |             |      |  |

#### **ELBOWS - 45°**



■ FPT X FPT

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.706-278.0 | 3/8" x 3/8", 45° |
| 8.706-277.0 | 1/4" x 1/4", 45° |

## **ELBOWS - STREET - HIGH PSI - STEEL**



■ MPT x FPT

| PART NO.    | DESCRIPTION | PSI  |
|-------------|-------------|------|
| 9.802-029.0 | 1/4" x 1/4" | 6000 |
| 9.804-080.0 | 1/4" x 3/8" | 6000 |
| 9.802-030.0 | 3/8" x 3/8" | 6000 |
| 8.705-384.0 | 3/8" x 1/2" | 6000 |
| 9.803-045.0 | 1/2" x 1/2" | 6000 |
| 8.705-386.0 | 1/2" x 3/4" | 6000 |
| 8.705-387.0 | 3/4" x 3/4" | 6000 |

## **TEES - STREET TEE - HIGH PSI - STEEL**



■ FPT x FPT x MPT Pipe Run

| PART NO.    | DESCRIPTION | PSI  |  |
|-------------|-------------|------|--|
| 8.705-428.0 | 1/4"        | 5000 |  |
| 9.802-033.0 | 3/8"        | 4500 |  |
| 9.802-034.0 | 1/2"        | 3000 |  |
| 8.705-431.0 | 3/4"        | 3000 |  |

## **ELBOWS - HIGH PSI - STEEL**



| PART NO.    | DESCRIPTION         | PSI  |
|-------------|---------------------|------|
| 8.706-176.0 | 1/4" x 1/8" FPT     | 4500 |
| 8.705-393.0 | 1/4" x 1/4" FPT     | 5000 |
| 8.705-394.0 | 1/4" x 3/8" FPT     | 4500 |
| 9.802-023.0 | 3/8" x 3/8" FPT     | 4500 |
| 8.705-396.0 | 3/8" x 1/2" FPT     | 3000 |
| 8.705-397.0 | 1/2" x 1/2" FPT     | 3000 |
| 8.705-398.0 | 1/2" x 3/4" FPT     | 4000 |
| 8.705-399.0 | 3/4" x 3/4" FPT     | 4000 |
| 9.802-039.0 | 1/2" JIC x 3/8" MPT | 5000 |
| 9.802-040.0 | 1/2" JIC x 1/2" MPT | 5000 |
| 9.802-130.0 | 1/2" JIC x 1/4" MPT | 5000 |
| 8.706-906.0 | 1/2" JIC x 3/4" FPT | 5000 |

## **CROSSES - 4 CONNECTS - HIGH PSI - STEEL**



| 8.705-418.0     1/4" FPT     5000       8.705-419.0     3/8" FPT     4500       8.705-420.0     1/2" FPT     3000       8.705-421.0     3/4" FPT     3000 | PART NO.    | DESCRIPTION | PSI  |  |
|---|-------------|-------------|------|--|
| <b>8.705-420.0</b> 1/2" FPT 3000  | 8.705-418.0 | 1/4" FPT    | 5000 |  |
| ·   | 8.705-419.0 | 3/8" FPT    | 4500 |  |
| <b>8.705-421.0</b> 3/4" FPT 3000  | 8.705-420.0 | 1/2" FPT    | 3000 |  |
|   | 8.705-421.0 | 3/4" FPT    | 3000 |  |

## **TEES - 3 CONNECTS - HIGH PSI - FORGED**



| PART NO.    | DESCRIPTION | PSI  |  |
|-------------|-------------|------|--|
| 8.705-412.0 | 1/4" FPT    | 5000 |  |
| 8.705-414.0 | 3/8" FPT    | 4500 |  |
| 8.706-216.0 | 1/2" FPT    | 3000 |  |
| 8.705-417.0 | 3/4" FPT    | 3000 |  |
| 8.706-213.0 | 1/4" MPT    | 5000 |  |

## **REDUCING BUSHING - HIGH PSI - STEEL**



■ MPT x FPT

| 9.802-046.0 3/8" x 1/4<br>8.705-423.0 1/2" x 1/4<br>9.802-045.0 1/2" x 3/8 |         | 0 Steel |  |
|--|---------|---------|--|
|  |         |         |  |
| 9 802-045 0 1/2" v 3/8   | 6000    | 0 Steel |  |
| 3.602 043.0 1/2 × 3/0  | 6000    | 0 Steel |  |
| <b>8.705-426.0</b> 3/4" x 1/2  | ." 6000 | 0 Steel |  |

## **HEX PIPE PLUGS - HIGH PSI - STEEL**



| PART NO.    | DESCRIPTION | PSI  | TYPE  |
|-------------|-------------|------|-------|
| 9.803-530.0 | 1/4" MPT    | 6000 | Steel |
| 8.705-433.0 | 3/8" MPT    | 6000 | Steel |
| 8.705-434.0 | 1/2" MPT    | 6000 | Steel |
| 8.705-435.0 | 3/4" MPT    | 6000 | Steel |

## **GALVANIZED PIPE FITTINGS**

- Pressed-Steel Fittings external galvanized for excellent chemical resistance
- NOT recommended for highpressure piping applications
- Ideal for supply line (city water pressure) applications working pressure rating of 125 PSI

## **ELBOWS - STREET - 90° - GALVANIZED**



| PART NO.    | DESCRIPTION    |
|-------------|----------------|
| 8.705-407.0 | 1/4" MPT x FPT |
| 8.705-408.0 | 3/8" MPT x FPT |
| 8.705-409.0 | 1/2" MPT x FPT |
| 8.705-410.0 | 3/4" MPT x FPT |

#### **TEES - BANDED - 3 CONNECTS - GALVANIZED**



| PART NO.    | DESCRIPTION          |
|-------------|----------------------|
| 8.705-456.0 | 1/4" FPT x FPT x FPT |
| 8.705-458.0 | 3/8" FPT x FPT x FPT |
| 8.705-459.0 | 1/2" FPT x FPT x FPT |
| 8.705-461.0 | 3/4" FPT x FPT x FPT |

#### **COUPLINGS - GALVANIZED**



| PART NO.    | DESCRIPTION    |
|-------------|----------------|
| 8.705-436.0 | 1/4" FPT x FPT |
| 8.705-437.0 | 3/8" FPT x FPT |
| 8.705-438.0 | 1/2" FPT x FPT |
| 8.705-439.0 | 3/4" FPT x FPT |

## **ELBOWS - 90° - GALVANIZED**



| PART NO.    | DESCRIPTION    |  |
|-------------|----------------|--|
| 8.705-403.0 | 1/4" FPT x FPT |  |
| 8.705-405.0 | 1/2" FPT x FPT |  |
| 8.705-406.0 | 3/4" FPT x FPT |  |

## **NIPPLES - PIPE - MPT - HIGH PSI - ZINC**



| D4 DE 110   | DE66DIDE161 | 5.61 | <b>T</b> V <b>DT</b> |
|-------------|-------------|------|----------------------|
| PART NO.    | DESCRIPTION | PSI  | TYPE                 |
| 9.803-043.0 | 2" x 1/4"   | 6000 | Zinc                 |
| 8.705-441.0 | 3" x 1/4"   | 6000 | Zinc                 |
| 8.705-442.0 | 4" x 1/4"   | 6000 | Zinc                 |
| 8.705-443.0 | 2" x 3/8"   | 6000 | Zinc                 |
| 8.705-985.0 | 3" x 3/8"   | 6000 | Zinc                 |
| 8.705-445.0 | 4" x 3/8"   | 6000 | Zinc                 |
| 8.705-446.0 | 2" x 1/2"   | 6000 | Zinc                 |
| 9.802-014.0 | 3" x 1/2"   | 6000 | Zinc                 |
| 8.705-996.0 | 5" x 1/2"   | 6000 | Zinc                 |
| 8.705-450.0 | 2" x 3/4"   | 6000 | Zinc                 |
| 8.705-451.0 | 3" x 3/4"   | 6000 | Zinc                 |
| 8.705-452.0 | 4" x 3/4"   | 6000 | Zinc                 |
| 8.705-453.0 | 6" x 3/4"   | 6000 | Zinc                 |

## FILTERS - CHEMICAL - "THE BIG ONE"



Larger, heavier, and with more filtering area than competitors' filters.



- Corrosion-resistant Plastic
- Stepped 1/4" & 3/8" Hose Barb
- Weighted to Hold onto Bottom of Tank

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.709-938.0 | with Check Valve    |
| 8.709-939.0 | without Check Valve |

## **FILTERS - CHEMICAL - BRASS**



50-mesh, stainless-steel screen. Removable mesh for easy cleaning. Heavy-duty, one-piece brass body holds the filter on the bottom of tank.



- 1/4" Hose Barb
- Stainless-Steel Check Ball

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 9.803-672.0 | with Check Valve    |
| 8.709-934.0 | without Check Valve |

## **FILTERS - CHEMICAL - BRASS / PLASTIC**

Polypropylene and brass construction.



■ 7 mm Hose Barb

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.709-935.0 | with Check Valve    |
| 9.802-160.0 | without Check Valve |

## **FILTERS - CHEMICAL LINES WITH FILTER**



■ 6-Foot Long, 1/4" Clear Vinyl Tubing

| PART NO.    | DESCRIPTION                               | PSI               |
|-------------|---|-------------------|
| 8.903-991.0 | Chemical Line, Filter with Check Valve    | Brass Filter      |
| 8.903-993.0 | Chemical Line, Filter with Check Valve    | Plastic<br>Filter |
| 8.903-996.0 | Chemical Line, Filter without Check Valve |                   |

## **FILTERS - IN-LINE - HEAVY-DUTY**



- PSI Max: 145
- GPM Max: 8
- Temperature Max: 140°F
- 1/2" Female x Male
- 50-Mesh Screen
- Unbreakable Reinforced Nylon Cap

| PART NO.    | DESCRIPTION                          | PSI |
|-------------|--------------------------------------|-----|
| 8.709-974.0 | Filter                               | 145 |
| 8.709-975.0 | Filter with Auxiliary<br>Bypass Port | 145 |
| 8.704-172.0 | Replacement Filter                   | 145 |

#### **FILTERS - IN-LINE - ALL METAL**

Diecast aluminum body & cover with a black anodized finish.





- PSI Max: 580
- GPM Max: 6.6
- Temperature Max: 195°F
- 38-Mesh Screen
- 1/2" Female x Male

| PART NO.    | DESCRIPTION              | PSI |
|-------------|--------------------------|-----|
| 8.709-976.0 | All Metal In-Line Filter | 170 |

#### **FILTERS - IN-LINE - GREEN-CAP**

The original Green-Cap!



- PSI Max: 145
- GPM Max: 6
- 50-Mesh Stainless Screen
- Aluminum Housing with a Plastic Cap
- 1/2" FPT Inlet
- 1/2" MPT Outlet
- Two 1/2" MPT Bypass Ports

| PART NO.    | DESCRIPTION        | MAX PSI |
|-------------|--------------------|---------|
| 8.709-961.0 | Green Cap Filer    | 145     |
| 8.701-383.0 | Replacement Screen | 145     |
| 8.701-382.0 | Replacement Cap    | 145     |
| 8.702-034.0 | Replacement O-Ring | 145     |

#### **FILTERS - CLEAR BOWL**



- Low-Profile Style
- MPT Inlet and Outlet
- White Nylon Body
- Clear Bowl
- Stainless-Steel Screen
- L3" L x 1-3/4" W x 2-3/8" H

| PART NO.    | DESCRIPTION          | COLOR      |
|-------------|----------------------|------------|
| 8.709-962.0 | 1/4", 40-Mesh Screen | Clear Bowl |
| 8.709-963.0 | 1/4", 80-Mesh Screen | Clear Bowl |
| 8.709-964.0 | 3/8", 40-Mesh Screen | Clear Bowl |
| 8.709-965.0 | 3/8", 80-Mesh Screen | Clear Bowl |
| 8.709-966.0 | 1/2", 40-Mesh Screen | Clear Bowl |
| 8.709-967.0 | 1/2", 80-Mesh Screen | Clear Bowl |
| 8.700-563.0 | 80-Mesh Replacement  | Screen     |
| 8.700-564.0 | 40-Mesh Replacement  | Screen     |

## **FILTERS - IN-LINE - CAN-TYPE**





- 40- or 80-Mesh Filtration
- Heavy-duty molded plastic with stainless-steel screen
- Hanger tab standard on 3/8", 1/2" and 3/4"
- Choose Black or Clear Filter Cans

| PART NO.        | DESCRIPTION       | COLOR |
|-----------------|-------------------|-------|
| 40-MESH FILTERS |                   |       |
| 8.709-982.0     | 3/8" Hanger Tab   | Black |
| 8.709-986.0     | 1/2" Hanger Tab   | Black |
| 8.709-990.0     | 3/4" Hanger Tab   | Black |
| 8.709-994.0     | 1" Hanger Tab     | Black |
| 8.710-001.0     | 1-1/4" Hanger Tab | Black |
| 8.710-003.0     | 1-1/2" Hanger Tab | Black |
| 8.709-983.0     | 3/8" Hanger Tab   | Clear |
| 8.709-987.0     | 1/2" Hanger Tab   | Clear |
| 8.709-991.0     | 3/4" Hanger Tab   | Clear |
| 8.709-996.0     | 1" Hanger Tab     | Clear |
| 8.710-002.0     | 1-1/4" Hanger Tab | Clear |
| 8.710-004.0     | 1-1/2" Hanger Tab | Clear |
| 80-MESH FILTERS |                   |       |
| 8.709-988.0     | 1/2" Hanger Tab   | Black |
| 8.709-992.0     | 3/4" Hanger Tab   | Black |
| 8.709-995.0     | 1" Hanger Tab     | Black |
| 8.710-005.0     | 1-1/4" Hanger Tab | Black |
| 8.709-999.0     | 1-1/2" Hanger Tab | Black |
| 8.709-989.0     | 1/2" Hanger Tab   | Clear |
| 8.709-993.0     | 3/4" Hanger Tab   | Clear |
| 8.709-997.0     | 1" Hanger Tab     | Clear |
| 8.710-006.0     | 1-1/4" Hanger Tab | Clear |
| 8.710-000.0     | 1-1/2" Hanger Tab | Clear |
|                 |                   |       |

| PART NO.   | DESCRIPTION             | COLOR |
|--|-------------------------|-------|
| IN-LINE CAN-TYPE FILTER PARTS - 3/8", 1/2", 3/4"   |                         |       |
| 8.700-555.0  | Gasket                  |       |
| 8.700-557.0  | Viton Gasket            |       |
| 8.700-559.0  | Bowl                    | Black |
| 8.700-560.0  | Bowl                    | Clear |
| 8.700-565.0  | 40-Mesh Screen, Blue    |       |
| 8.700-567.0  | 80-Mesh Screen, White   |       |
| 8.932-949.0  | 3/8" Top with Tab       |       |
| 8.700-569.0  | 1/2" Top with Tab       |       |
| 8.700-570.0  | 3/4" Top with Tab       |       |
| IN-LINE CAN-TYPE FILTER PARTS - 1", 1-1/4", 1-1/2" |                         |       |
| 8.700-556.0  | Gasket                  |       |
| 8.700-558.0  | Viton Gasket            |       |
| 8.700-566.0  | 1", 40-Mesh Screen      |       |
| 8.700-575.0  | 1-1/4", 40-Mesh Screen  |       |
| 8.700-576.0  | 1-1/2", 40-Mesh Screen  |       |
| 8.700-568.0  | 1", 80-Mesh Screen      |       |
| 8.700-577.0  | 1-1/4", 80-Mesh Screen  |       |
| 8.700-578.0  | 1-1/2", 80-Mesh Screen  |       |
| 8.700-571.0  | 1" Filter Top           |       |
| 8.700-573.0  | 1", 1-1/4", 1-1/2" Bowl | Black |
| 8.700-574.0  | 1", 1-1/4", 1-1/2" Bowl | Clear |
|  |                         |       |

## **FILTERS - IN-LINE - CLEARVIEW**







8.710-146.0



8.710-147.0

- 8.710-145.0 ■ Stainless-Steel Screen
- Combination 1/2", 3/4" Hose Barb
- Weighted to hold at bottom of tank or source

| PART NO.    | DESCRIPTION                            |
|-------------|--|
| 8.710-145.0 | 3/8" NPT x 3/4" GH                     |
| 8.710-147.0 | 3/8" NPT x 3/4" GH<br>with 1/4" Bypass |
| 8.710-144.0 | 1/2" NPT x 3/4" GH                     |
| 8.710-146.0 | 1/2" NPT x 3/4" GH with 1/3"<br>Bypass |

## **STRAINERS - Y TRAP**



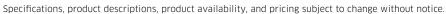




■ FPT Inlet and Outlet

■ Stainless-Steel 50-Mesh Cylinder Screen

| PART NO.    | DESCRIPTION                      | MAX PSI |
|-------------|----------------------------------|---------|
| 8.709-956.0 | 1/4" FPT<br>Brass Bodies and Cap | 170     |
| 8.709-957.0 | 3/8" FPT<br>Brass Bodies and Cap | 170     |
| 8.709-958.0 | 1/2" FPT<br>Brass Bodies and Cap | 170     |
| 8.709-959.0 | 3/4" FPT<br>Brass Bodies and Cap | 170     |
| 8.709-960.0 | 1" FPT<br>Brass Bodies and Cap   | 170     |



## **FOOT / CHECK VALVE**

Includes backflow check and perforated screen, prevents damage to pump or control valves.



- Removable Stainless-Steel Screen
- Spring-Loaded Check Valve
- Cast-Brass Bodies
- FPT Outlet

| PART NO.    | DESCRIPTION                         | TYPE  |
|-------------|-------------------------------------|-------|
| 8.709-388.0 | 1/2" Foot Check Valve<br>and Screen |       |
| 8.709-389.0 | 3/4" Spring Check Valve             | Brass |
| 8.709-390.0 | 1" Spring Check Valve               | Brass |

## **FOOT VALVES - SUCTION - ST35 / ST35R**

Weighted to hold at bottom of tank or source.



- Stainless-Steel Screen
- Combination 1/2", 3/4" Hose Barb

| PART NO.    | DESCRIPTION                         | ТҮРЕ |
|-------------|-------------------------------------|------|
| 8.709-970.0 | Suction Foot Valve with Check Valve |      |

## **STRAINERS / TANK SCREEN**

Use for tank drain or chemical line.



- Stainless-Steel Screen -40 or 50 Mesh
- PVC Base attaches to nipple or tubing

| PART NO.    | DESCRIPTION | MESH |
|-------------|-------------|------|
| 8.710-008.0 | 1/4" FPT    | 50   |
| 8.710-010.0 | 3/8" FPT    | 50   |
| 8.710-011.0 | 1/2" FPT    | 40   |
| 9.802-162.0 | 1/2" FPT    | 50   |
| 8.710-013.0 | 3/4" FPT    | 40   |
| 8.710-014.0 | 3/4" FPT    | 50   |
| 8.710-015.0 | 1" FPT      | 40   |
| 8.710-016.0 | 1-1/2" FPT  | 40   |

## FILTERS - IN-LINE - NOZZLE - HIGH-PRESSURE

Protect your turbo nozzle from damage caused by debris in the water flow.





8.709-978.0

8.710-149.0





8.709-979.0

8.710-150.0

- PSI Max: 5000
- Temperature: 300°F 100
- 1/4" MPT Outlet100 Mesh Screen

| PART NO.    | DESCRIPTION   | TYPE      |
|-------------|---|-----------|
| 8.709-978.0 | 1/4" FPT Inlet x 1/4" MPT<br>Outlet                 | Brass     |
| 8.709-979.0 | 1/4" QC Inlet x 1/4" MPT<br>Outlet                  | Brass     |
| 8.710-149.0 | 1/4" QC Inlet x 1/4" MPT<br>Outlet                  | 416<br>SS |
| 8.710-150.0 | 1/4" MPT Inlet x 1/4" MPT<br>Outlet                 | Brass     |
| 8.704-234.0 | Replacement filter for<br>8.709-978.0 / 8.709-979.0 | )         |
| 8.701-201.0 | Replacement filter for 8.710-149.0 / 8.710-150.0    | )         |

## **FILTERS - FUEL**

In-line, disposable.





8.709-942.0

9.802-211.0

| PART NO.    | DESCRIPTION         | TYPE    |
|-------------|---------------------|---------|
| 9.802-211.0 | 1/4" Inlet / Outlet | Plastic |
| 8.709-942.0 | 1/4" Inlet / Outlet | Metal   |
| 8.709-943.0 | 3/8" Inlet / Outlet | Plastic |

## **FILTERS - HIGH-VOLUME**

Molded plastic housing.



- PSI Max: 125
- GPM Max: 12 at 50 Micron
- GPM Max: 10 at 5 or 20 Micron
- 3/4" FPT Inlet and Outlet
- 14-1/2" Tall x 5-1/2" Port to Port

| PART NO.    | DESCRIPTION                    | MAX PSI |
|-------------|--------------------------------|---------|
| 8.710-017.0 | Housing only                   | 125     |
| 8.753-552.0 | Mounting Bracket /<br>Hardware | 125     |
| 8.700-581.0 | Replacement O-ring             | 125     |



- Pleated Ployester / Polypropylene Core
- Recommended for large flow, low- pressure applications (up to 60 PSI)

| PART NO.        | DESCRIPTION | GPM |
|-----------------|-------------|-----|
| ULTRA FINE FILT | ER ELEMENTS |     |
| 8.710-019.0     | 5 Micron    | 10  |
| 8.710-020.0     | 20 Micron   | 10  |
| 8.710-021.0     | 50 Micron   | 12  |



 Recommended for maximum filtration with reduced flow requirements (up to 130 PSI)

| PART NO.        | DESCRIPTION       | GPM |
|-----------------|-------------------|-----|
| SYNTHETIC STRIN | NG WOUND ELEMENTS |     |
| 8.710-022.0     | 5 Micron          | 4   |
| 8.710-023.0     | 20 Micron         | 5   |
| 8.710-024.0     | 50 Micron         | 6   |

#### **FILTERS - FUEL - CLEAR BOWL**



- Aluminum Housing
- Non-replaceable 120 mesh stainless-steel screen
- 1/4" x 1/4"
- Clear Acrylic Bowl

# PART NO. DESCRIPTION 8.709-948.0 Complete Unit

# FILTERS - FUEL / WATER SEPARATOR - LEGACY





- 10 Micron Filtration
- Spin-On Convenience
- Water-Separation Chamber
- 1/4" FPT Inlet / Outlet
- Easy Drain Water / Sediment Bowl

| PART NO.     | DESCRIPTION   |
|--------------|---------------|
| FARTINO.     | DESCRIPTION   |
| 8.725-306.0  | Complete Unit |
| 8.725-307.0* | Element Only  |

<sup>\*</sup>Order 24 for a full case

## **FILTERS - BLUE TOP**







| PART NO.    | DESCRIPTION                   | TYPE       |
|-------------|-------------------------------|------------|
| HOUSING     |                               |            |
| 8.753-559.0 | Housing, 5", 1/2" F-F         |            |
| 8.753-561.0 | Housing, 5", 1" F-F           |            |
| 8.753-562.0 | Housing, 10", 1/2" F-F        |            |
| CARTRIDGE   |                               |            |
| 8.753-564.0 | Cartridge,<br>10" Poly Thread | Disposable |
| 8.753-566.0 | Cartridge,<br>10" Nylon Mesh  | Washable   |

#### **FILTERS - FUEL ELEMENT - GENERAL**



- Can Type
- GPM Max: 10
- 10 Micron Flitration
- Inexpensive Replacement
- Wool Felt Element

| PART NO.    | DESCRIPTION          |
|-------------|----------------------|
| 8.709-950.0 | Element Only - 1A-30 |

# FILTERS - FUEL / WATER SEPARATOR - RACOR



Racor

The "Max" fuel system protector.



- 10 Micron Filtration
- Spin-On Convenience
- Water-Separation Chamber
- 1/4" FPT Inlet / Outlet
- Easy Drain Water / Sediment Bowl

| PART NO     | DESCRIPTION   |
|-------------|---------------|
| 9.802-212.0 | Complete Unit |
| 8.709-953.0 | Element       |
| 8.700-553.0 | Plastic Bowl  |

**FILTERS - FUNNEL - RACOR** 

■ GPM: 3.9

- Telfon-Coated, Stainless-Steel Filter
- Separates Free Water and Contaminates from Gasoline / Diesel / Kerosene

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.709-955.0 | Racor Filter Funnel |

## **SEWER / TUBE CLEANING NOZZLES - ST-49 & "MINI"**





0 -forward, 3 back ports



1 -forward, 4 back ports



1 -forward, 3 back ports





0 -forward, 3 back ports



0 -forward, 2 side ports

The reverse jets on the fixed and rotary nozzles pull the hose through the tube or sewer line and blast debris from line or tube walls.

- PSI: 4200
- Physically Small for Cornering Ability
- Corrosion-resistant Stainless-steel Construction
- Backward Ports Drive the Nozzle Forward and Flush Debris
- Orifice Size Indicated on Non-rotating Styles
- Forward Ports Blast into Pipe and Breaks Up Clogs and Debris
- Rotating Style Adds Extra Agitation and Surface Cleaning

| PART NO.         | NOZZLE       | ORIFICE SIZE | 0.D.  | PORTS             |
|------------------|--------------|--------------|-------|-------------------|
| NON-ROTATING "MI | NI" SEWER NO | ZZLES        |       |                   |
| 8.710-875.0      | 1/8"         | 4.5          | .580" | 0-Forward, 3 Back |
| 8.710-874.0      | 1/8"         | 5.5          | .580" | 1-Forward, 3 Back |
| 8.710-878.0      | 1/4"         | 4.5          | .730" | 1-Forward, 3 Back |
| 8.710-876.0      | 1/4"         | 5.5          | .730" | 1-Forward, 3 Back |
| 8.710-877.0      | 1/4"         | 6.0          | .730" | 1-Forward, 4 Back |
| 8.710-880.0      | 1/4"         | 7.5          | .730" | 1-Forward, 4 Back |
| 8.710-879.0      | 1/4"         | 8.0          | .730" | 1-Forward, 3 Back |
| 8.710-881.0      | 1/4"         | 12           | .730" | 1-Forward, 3 Back |
| 8.710-885.0      | 3/8"         | 4.0          | .920" | 1-Forward, 3 Back |
| 8.710-884.0      | 3/8"         | 5.5          | .920" | 1-Forward, 3 Back |
| 8.710-886.0      | 3/8"         | 8.5          | .920" | 1-Forward, 4 Back |
| 8.710-883.0      | 3/8"         | 12           | .920" | 1-Forward, 4 Back |
| 8.710-882.0      | 3/8"         | 14           | .920" | 1-Forward, 4 Back |

- PSI: 4000
- Rotating Sewer Nozzle

- Adds Extra Agitation
- Back Jet Only

| PART NO.       | ROTATING NOZZLE    | ORIFICE SIZE | PORTS             |
|----------------|--------------------|--------------|-------------------|
| ST-49 ROTATING | SEWER NOZZLES      |              |                   |
| 8.710-899.0    | 1/8"               | 5.5          | 0-Forward, 3 Back |
| 8.710-898.0    | 1/4"               | 5.5          | 0-Forward, 3 Back |
| 8.710-900.0    | 1/4"               | 8.0          | 0-Forward, 3 Back |
| 8.710-887.0    | 1/4" Duct Cleaner* | 5.5          | 0-Forward, 2 Side |

<sup>\*</sup>Duct Cleaner jet to sides instead of reverse

## **SEWER / TUBE CLEANING NOZZLES**

- PSI: 5000
- Corrosion-resistant Stainless-steel

- One Forward Orifice
- Three Rear Orifices



| PART NO.    | FPT  | SIZE |
|-------------|------|------|
| 8.710-905.0 | 1/8" | 5.0  |
| 8.710-906.0 | 1/8" | 5.5  |
| 8.710-907.0 | 1/8" | 6.0  |
| 8.710-908.0 | 1/4" | 6.5  |
| 8.710-909.0 | 1/4" | 7.0  |
| 8.710-910.0 | 1/4" | 9.5  |

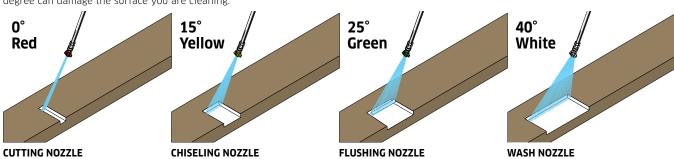
#### **NOZZLE SIZE SELECTION CHART**

Determine the nozzle size by the pressure washer's GPM @ PSI (gallons per minute @ a specific pounds per square inch). If the nozzle size is too small, your equipment can be damaged. If the nozzle size is too large, cleaning ability is compromised. Nozzle fan degree does not effect nozzle size selection.

| STANDARD<br>NOZZLE<br>SIZE | HOLE SIZE    |         | POUN  | DS PEI | R SQUA | RE INC | :H (PSI) |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------|--------------|---------|-------|--------|--------|--------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                            |              |         | 500   | 750    | 1000   | 1250   | 1500     | 1750  | 2000  | 2250  | 2500  | 2750  | 3000  | 3250  | 3500  | 3750  | 4000  | 4500  | 5000  |
| 2                          | .034"/0.86mm |         | 0.71  | 0.87   | 1.00   | 1.12   | 1.22     | 1.32  | 1.41  | 1.50  | 1.58  | 1.66  | 1.73  | 1.80  | 1.87  | 1.94  | 2.00  | 2.12  | 2.24  |
| 2.5                        | .042"/1.07mm |         | 0.88  | 1.08   | 1.25   | 1.40   | 1.53     | 1.65  | 1.77  | 1.88  | 1.98  | 2.07  | 2.17  | 2.25  | 2.34  | 2.42  | 2.50  | 2.65  | 2.80  |
| 3                          | .043"/1.09mm |         | 1.06  | 1.30   | 1.50   | 1.68   | 1.84     | 1.98  | 2.12  | 2.25  | 2.37  | 2.49  | 2.60  | 2.70  | 2.81  | 2.90  | 3.00  | 3.18  | 3.35  |
| 3.5                        | .048"/1.22mm |         | 1.24  | 1.52   | 1.75   | 1.96   | 2.14     | 2.32  | 2.47  | 2.63  | 2.77  | 2.90  | 3.03  | 3.15  | 3.27  | 3.39  | 3.50  | 3.71  | 3.91  |
| 4                          | .052"/1.32mm |         | 1.41  | 1.73   | 2.00   | 2.24   | 2.45     | 2.65  | 2.83  | 3.00  | 3.16  | 3.32  | 3.46  | 3.61  | 3.74  | 3.87  | 4.00  | 4.24  | 4.47  |
| 4.5                        | .055"/1.40mm |         | 1.59  | 1.95   | 2.25   | 2.52   | 2.76     | 2.98  | 3.18  | 3.38  | 3.56  | 3.73  | 3.90  | 4.06  | 4.21  | 4.36  | 4.50  | 4.77  | 5.03  |
| 5                          | .057"/1.45mm |         | 1.77  | 2.17   | 2.50   | 2.80   | 3.06     | 3.31  | 3.54  | 3.75  | 3.95  | 4.15  | 4.33  | 4.51  | 4.68  | 4.84  | 5.00  | 5.30  | 5.59  |
| 5.5                        | .06"/1.52mm  |         | 1.94  | 2.38   | 2.75   | 3.07   | 3.37     | 3.64  | 3.89  | 4.13  | 4.35  | 4.56  | 4.76  | 4.96  | 5.14  | 5.33  | 5.50  | 5.83  | 6.15  |
| 6                          | .062"/1.57mm |         | 2.12  | 2.60   | 3.00   | 3.35   | 3.67     | 3.97  | 4.24  | 4.50  | 4.74  | 4.97  | 5.20  | 5.41  | 5.61  | 5.81  | 6.00  | 6.36  | 6.71  |
| 6.5                        | .064"/1.63mm |         | 2.30  | 2.81   | 3.25   | 3.63   | 3.98     | 4.30  | 4.60  | 4.88  | 5.14  | 5.39  | 5.63  | 5.86  | 6.08  | 6.29  | 6.50  | 6.89  | 7.27  |
| 7                          | .067"/1.70mm |         | 2.47  | 3.03   | 3.50   | 3.91   | 4.29     | 4.63  | 4.95  | 5.25  | 5.53  | 5.80  | 6.06  | 6.31  | 6.55  | 6.78  | 7.00  | 7.42  | 7.83  |
| 7.5                        | .070"/1.78mm |         | 2.65  | 3.25   | 3.75   | 4.19   | 4.59     | 4.96  | 5.30  | 5.63  | 5.93  | 6.22  | 6.50  | 6.76  | 7.02  | 7.26  | 7.50  | 7.95  | 8.39  |
| 8                          | .072"/1.83mm |         | 2.83  | 3.46   | 4.00   | 4.47   | 4.90     | 5.29  | 5.66  | 6.00  | 6.32  | 6.63  | 6.93  | 7.21  | 7.48  | 7.75  | 8.00  | 8.49  | 8.94  |
| 8.5                        | .074"/1.88mm |         | 3.01  | 3.68   | 4.25   | 4.75   | 5.21     | 5.62  | 6.01  | 6.38  | 6.72  | 7.05  | 7.36  | 7.66  | 7.95  | 8.23  | 8.50  | 9.02  | 9.50  |
| 9                          | .076"/1.93mm |         | 3.18  | 3.90   | 4.50   | 5.03   | 5.51     | 5.95  | 6.36  | 6.75  | 7.12  | 7.46  | 7.79  | 8.11  | 8.42  | 8.71  | 9.00  | 9.55  | 10.06 |
| 9.5                        | .078"/1.98mm |         | 3.36  | 4.11   | 4.75   | 5.31   | 5.82     | 6.28  | 6.72  | 7.13  | 7.51  | 7.88  | 8.23  | 8.56  | 8.89  | 9.20  | 9.50  | 10.08 | 10.62 |
| _10                        | .080"/2.03mm |         | 3.54  | 4.33   | 5.00   | 5.59   | 6.12     | 6.61  | 7.07  | 7.50  | 7.91  | 8.29  | 8.66  | 9.01  | 9.35  | 9.68  | 10.00 | 10.61 | 11.18 |
| 11                         | .083"/2.11mm |         | 3.89  | 4.76   | 5.50   | 6.15   | 6.74     | 7.28  | 7.78  | 8.25  | 8.70  | 9.12  | 9.53  | 9.92  | 10.29 | 10.65 | 11.00 | 11.67 | 12.30 |
| 12                         | .087"/2.21mm |         | 4.24  | 5.20   | 6.00   | 6.71   | 7.35     | 7.94  | 8.49  | 9.00  | 9.49  | 9.95  | 10.39 | 10.82 | 11.22 | 11.62 | 12.00 | 12.73 | 13.42 |
| 12.5                       | 089"/2.26mm  |         | 4.42  | 5.41   | 6.25   | 6.99   | 7.65     | 8.27  | 8.84  | 9.38  | 9.88  | 10.36 | 10.83 | 11.27 | 11.69 | 12.10 | 12.50 | 13.26 | 13.98 |
| 13                         | .091"/2.31mm | P M     | 4.60  | 5.63   | 6.50   | 7.27   | 7.96     | 8.60  | 9.19  | 9.75  | 10.28 | 10.78 | 11.26 | 11.72 | 12.16 | 12.59 | 13.00 | 13.79 | 14.53 |
| 15                         | 096"/2.44mm  | اشا     | 5.30  | 6.50   | 7.50   | 8.39   | 9.19     | 9.92  | 10.61 | 11.25 | 11.86 | 12.44 | 12.99 | 13.52 | 14.03 | 14.52 | 15.00 | 15.91 | 16.77 |
| 20                         | .109"/2.77mm | MINUT   | 7.07  | 8.66   | 10.00  | 11.18  | 12.25    | 13.23 | 14.14 | 15.00 | 15.81 | 16.58 | 17.32 | 18.03 | 18.71 | 19.36 | 20.00 | 21.21 | 22.36 |
| 25                         | .125"/3.18mm | Ξ       | 8.84  | 10.83  | 12.50  | 13.98  | 15.31    | 16.54 | 17.68 | 18.75 | 19.76 | 20.73 | 21.65 | 22.53 | 23.39 | 24.21 | 25.00 | 26.52 | 27.95 |
| 30                         | .141"/3.58mm | PER     | 10.61 | 12.99  | 15.00  | 16.77  | 18.37    | 19.84 | 21.21 | 22.50 | 23.72 | 24.87 | 25.98 | 27.04 | 28.06 | 29.05 | 30.00 | 31.82 | 33.54 |
| 40                         | .156"/3.96mm | SNC     | 14.14 | 17.32  | 20.00  | 22.36  | 24.49    | 26.48 | 28.28 | 30.00 | 31.62 | 33.17 | 34.64 | 36.06 | 37.42 | 38.73 | 40.00 | 42.43 | 44.72 |
| 50                         | .172"/4.37mm | GALLONS | 17.68 | 21.65  | 25.00  | 27.95  | 30.62    | 33.07 | 35.36 | 37.50 | 39.53 | 41.46 | 43.30 | 45.07 | 46.77 | 48.41 | 50.00 | 53.03 | 55.90 |
| 60                         | .188"/4.78mm | Ğ       | 21.21 | 25.98  | 30.00  | 33.54  | 36.74    | 29.69 | 42.43 | 45.00 | 47.43 | 49.75 | 51.96 | 54.08 | 56.12 | 58.09 | 60.00 | 63.64 | 67.08 |

#### **NOZZLE FAN SELECTION**

Select the nozzle degree or spray angle, based on your application. Standard nozzle degrees - 0°, 15°, 25° and 40°. Using the wrong nozzle degree can damage the surface you are cleaning.



Delivers a concentrated stream that can gouge or cut. It can cut stubborn stains from concrete and other hard surfaces.

Working at a 45° angle, this nozzle works like a scraper, stripping paint, grease and grime from hard surfaces.

Most commonly used nozzle for cleaning dirt from siding, well as wet sweeping leaves.

Wide spray to wash and rinse large areas quickly. Usually safe for sidewalks and metal furniture as most surfaces, including aluminum siding, windows and vehicles.

## **NOZZLE SETS - LEGACY - QC 4 & 5 PACKS - COLOR-CODED**

1/4" Quick Coupler Nozzle Kits

- Hardened stainless-steel, one-piece body for long life
- High-impact, uniform, flat-spray pattern



4/PK (0°, 25°, 40° and Soap)



5/PK (0°, 15°, 25°, 40° and Soap)

- Color-coded by spray angle
- Includes 40 x 65 soap nozzle



| PART NO.           | NOZZLE SIZE   | DESCRIPTION       |
|--------------------|---------------|-------------------|
| 4/PK (0°, 25°, 40° | AND SOAP)     |                   |
| 8.726-117.0        | 3.0           | 4 pack Nozzle Kit |
| 9.104-028.0        | 3.25          | 4 pack Nozzle Kit |
| 8.726-119.0        | 3.5           | 4 pack Nozzle Kit |
| 8.726-120.0        | 4.0           | 4 pack Nozzle Kit |
| 8.726-121.0        | 4.5           | 4 pack Nozzle Kit |
| 8.726-122.0        | 5.0           | 4 pack Nozzle Kit |
| 8.726-123.0        | 5.5           | 4 pack Nozzle Kit |
| 8.726-124.0        | 6.0           | 4 pack Nozzle Kit |
| 8.726-125.0        | 6.5           | 4 pack Nozzle Kit |
| 5/PK (0°, 15°, 25° | , 40° AND SOA | P)                |
| 9.104-024.0        | 3.0           | 5 pack Nozzle Kit |
| 9.104-016.0        | 3.25          | 5 pack Nozzle Kit |
| 8.726-128.0        | 3.5           | 5 pack Nozzle Kit |
| 9.104-030.0        | 4.0           | 5 pack Nozzle Kit |
| 8.726-130.0        | 4.5           | 5 pack Nozzle Kit |
| 8.726-131.0        | 5.0           | 5 pack Nozzle Kit |
| 8.726-132.0        | 5.5           | 5 pack Nozzle Kit |
| 8.726-133.0        | 6.0           | 5 pack Nozzle Kit |
| 8.726-134.0        | 6.5           | 5 pack Nozzle Kit |

## **NOZZLES - LEGACY - QC - 1/4" COLOR-CODED**

Quick connect, Color-coded, hardened stainless nozzle. Fits msot 1/4" quick couplers. Rated for 4000 PSI.









| ORIFICE         PART NO. 0°         PART NO. 15°         PART NO. 25°         PART NO. 40°           QC NOZZLES         RED         YELLOW         GREEN         WHITE           3.0         \$ 8.723-576.0         8.902-482.0         8.902-484.0         8.902-485.0           3.25         8.708-538.0         8.708-539.0         8.708-540.0         8.708-541.0           3.5         \$ 8.723-577.0         8.726-104.0         8.708-526.0         8.902-487.0 |  |
|---|--|
| RED         YELLOW         GREEN         WHITE           3.0         8.723-576.0         8.902-482.0         8.902-484.0         8.902-485.0           3.25         8.708-538.0         8.708-539.0         8.708-540.0         8.708-541.0   |  |
| <b>3.0</b> \$8.723-576.0 8.902-482.0 8.902-484.0 8.902-485.0 8.708-538.0 8.708-539.0 8.708-540.0 8.708-541.0  |  |
| <b>3.25</b> 8.708-538.0 8.708-539.0 8.708-540.0 8.708-541.0   |  |
|   |  |
| <b>3.5</b> 8.723-577.0 8.726-104.0 8.708-526.0 8.902-487.0  |  |
|   |  |
| <b>3.75</b> 8.708-527.0 8.708-528.0 8.708-529.0 8.708-530.0   |  |
| <b>4.0</b> 8.708-531.0 8.708-532.0 8.708-533.0 8.708-534.0  |  |
| <b>4.5</b> 8.723-578.0 8.708-535.0 8.708-536.0 8.708-537.0  |  |
| <b>5.0 \$</b> 8.726-105.0 8.726-106.0 8.726-107.0 8.726-108.0   |  |
| <b>5.5</b> 8.723-579.0 8.902-492.0 8.708-542.0 8.902-493.0  |  |
| <b>6.0</b> 8.726-109.0 8.726-110.0 8.726-111.0 8.726-112.0  |  |
| <b>6.5</b> 8.726-113.0 8.726-114.0 8.726-115.0 8.726-116.0  |  |

| PART NO.       | ORIFICE | DEGREE |
|----------------|---------|--------|
| QC SOAP NOZZLE | ES .    |        |
| 8.723-636.0    | 40      | 65°    |

## **NOZZLE SETS - GP - QC 4 & 5 PACKS - COLOR-CODED**

Nozzle sets of quick coupler nozzles





- 4-pack Set : 0°, 15°, 25° and 40°
- 5-pack also includes one 40 x 65° soap nozzle.

| DART NO           | NO.731 F C17F |
|-------------------|---------------|
| PART NO.          | NOZZLE SIZE   |
| 4/PK (0°, 15°, 25 | ° AND 40°)    |
| 8.708-712.0       | 3.5           |
| 8.708-713.0       | 4.0           |
| 8.708-714.0       | 4.5           |
| 8.708-715.0       | 5.0           |
| 8.708-716.0       | 5.5           |
| 8.708-717.0       | 6.0           |
| 8.708-718.0       | 6.5           |

| PART NO.         | NOZZLE SIZE        |  |
|------------------|--------------------|--|
| 5/PK (0°, 15°, 2 | 25°, 40° AND SOAP) |  |
| 9.104-014.0      | 3.5                |  |
| 8.708-721.0      | 4.0                |  |
| 9.104-015.0      | 4.5                |  |
| 8.708-723.0      | 5.0                |  |
| 8.708-724.0      | 5.5                |  |
| 8.708-725.0      | 6.0                |  |
| 8.708-726.0      | 6.5                |  |

## NOZZLES - QC - 1/4" - Q-STYLE





- Rated for 5000 PSI
- Quick-coupled
- Color-coded
- Hardened stainless nozzles fit most 1/4" quick couplers

|         | RED         | YELLOW       | GREEN        | WHITE        |
|---------|-------------|--------------|--------------|--------------|
| ORIFICE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° |
| 2.0     | 8.708-644.0 | 8.712-322.0  | 8.708-645.0  | 8.708-652.0  |
| 2.5     | 8.708-647.0 | 8.708-648.0  | 8.708-649.0  | 8.708-651.0  |
| 3.0     | 9.802-287.0 | 8.712-333.0  | 8.712-334.0  | 8.712-335.0  |
| 3.5     | 9.802-291.0 | 8.712-338.0  | 8.712-339.0  | 8.712-340.0  |
| 4.0     | 9.802-295.0 | 8.712-346.0  | 8.712-347.0  | 8.712-348.0  |
| 4.5     | 9.803-810.0 | 8.712-350.0  | 8.712-351.0  | 8.712-352.0  |
| 5.0     | 9.802-299.0 | 8.712-354.0  | 8.712-355.0  | 8.712-356.0  |
| 5.5     | 9.802-303.0 | 8.712-358.0  | 8.712-359.0  | 8.712-360.0  |
| 6.0     | 9.802-307.0 | 8.712-362.0  | 8.712-363.0  | 8.712-364.0  |
| 6.5     | 8.708-681.0 | 8.708-682.0  | 8.708-683.0  | 8.708-684.0  |
| 7.0     | 9.803-800.0 | 9.803-801.0  | 9.803-802.0  | 9.803-803.0  |
| 7.5     | 8.708-689.0 | 8.708-690.0  | 8.708-691.0  | 8.708-692.0  |
| 8.0     | 8.708-693.0 | 8.708-694.0  | 8.708-695.0  | 8.708-696.0  |
| 8.5     | 8.708-697.0 | 8.708-698.0  | 8.708-699.0  | 8.708-700.0  |
| 9.0     | 8.708-701.0 | 8.712-379.0  | 8.708-703.0  | 8.712-381.0  |
| 10.0    | 8.708-705.0 | 8.708-706.0  | 8.708-707.0  | 8.708-708.0  |
|         |             |              |              |              |

## **NOZZLES - MEG - 1/4" - M-STYLE**

Hardened stainless-steel nozzle insert ensures consistent, accurate orifice size





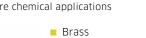
- 1/4" male pipe thread nozzles
- Rated up to 5000 PSI
- 303 Series Stainless-steel

| ORIFICE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° |  |
|---------|-------------|--------------|--------------|--------------|--|
| 2.5     | -           | 8.708-569.0  | 8.708-650.0  | 8.708-570.0  |  |
| 3.0     | 8.708-572.0 | 8.711-370.0  | 8.708-574.0  | 8.708-575.0  |  |
| 3.5     | 8.708-576.0 | 8.708-577.0  | 8.708-578.0  | 8.708-579.0  |  |
| 4.0     | 8.708-580.0 | 8.708-581.0  | 8.708-582.0  | 8.708-583.0  |  |
| 4.5     | 8.708-584.0 | 8.708-585.0  | 8.708-586.0  | 8.708-587.0  |  |
| 5.0     | 8.708-588.0 | 8.708-589.0  | 8.708-590.0  | 8.708-591.0  |  |
| 5.5     | 8.708-592.0 | 8.708-593.0  | 8.708-594.0  | 8.708-595.0  |  |
| 6.0     | 8.708-596.0 | 8.708-597.0  | 8.708-598.0  | 8.708-599.0  |  |
| 6.5     | 8.708-600.0 | 8.708-601.0  | 8.708-602.0  | 8.708-603.0  |  |
| 7.0     | 8.708-604.0 | 8.708-605.0  | 8.708-606.0  | 8.708-607.0  |  |
| 7.5     | 8.708-608.0 | 8.708-609.0  | 8.708-610.0  | 8.708-611.0  |  |
| 8.0     | 8.708-612.0 | 8.708-613.0  | 8.708-614.0  | 8.708-615.0  |  |
| 8.5     | 8.708-616.0 | 8.708-617.0  | 8.708-618.0  | 8.708-619.0  |  |
| 9.0     | 8.708-620.0 | 8.708-621.0  | 8.708-622.0  | 8.708-623.0  |  |
| 10.0    | 8.708-624.0 | 8.708-625.0  | 8.708-626.0  | 8.708-627.0  |  |

#### **NOZZLES - SOAP NOZZLES**

Ideal for low-pressure chemical applications







■ Large #40 Orifice

■ 15° or 65° Spray Angle.

| PART NO.    | ORIFICE | DEGREE |
|-------------|---------|--------|
| 1/4" QC     |         |        |
| 9.802-311.0 | 40      | 65°    |
| 8.708-711.0 | 50      | 15°    |
| 1/8" MEG    |         |        |
| 8.708-410.0 | 40      | 65°    |
| 1/4" MEG    |         |        |
| 8.708-268.0 | 40      | 65°    |
| 8.708-277.0 | 50      | 15°    |

## **NOZZLE HOLDER GROMMET**





| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 8.710-343.0 | 1/16" x 15/16" x 3/8" |

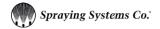
## **2ND STORY NOZZLE KIT, 2 PK.**





| PART NO.    | DESCRIPTION       |
|-------------|-------------------|
| 9.114-995.0 | Nozzle Kit, 2 pk. |

## **NOZZLES - MEG - 1/4" MALE THREADS**



1/4" male pipe thread meg nozzles, rated up to 4000 PSI. Hardened stainless-steel nozzle ensures consistent, accurate orifice size.

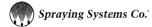


- PSI: 4000
- Orifice Recessed for Protection
- Flow-Rated Tolerance of + 2% at 70°F
- Hard-edge pattern, light center requires overlap to cover center
- 400 Series Stainless-steel

| ORIFICE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° |
|---------|-------------|--------------|--------------|--------------|
| 2.0     | 8.707-637.0 | 8.707-640.0  | 8.707-643.0  | 8.707-648.0  |
| 2.5     | 8.707-646.0 | 8.707-650.0  | 8.707-653.0  | 8.707-652.0  |
| 3.0     | 8.707-655.0 | 8.707-657.0  | 8.707-659.0  | 8.707-661.0  |
| 3.5     | 8.707-662.0 | 8.707-664.0  | 8.707-666.0  | 8.707-667.0  |
| 4.0     | 8.707-669.0 | 8.707-671.0  | 8.707-673.0  | 8.707-675.0  |
| 4.5     | 8.707-678.0 | 8.707-679.0  | 8.707-680.0  | 8.707-681.0  |
| 5.0     | 8.707-683.0 | 8.707-686.0  | 8.707-688.0  | 8.707-691.0  |
| 5.5     | 8.707-694.0 | 8.707-695.0  | 8.707-697.0  | 8.707-698.0  |
| 6.0     | 8.707-700.0 | 8.707-702.0  | 8.707-703.0  | 8.707-705.0  |
| 6.5     | 8.707-708.0 | 8.707-710.0  | 8.707-711.0  | 8.707-712.0  |
| 7.0     | 8.707-713.0 | 8.707-715.0  | 8.707-716.0  | 8.707-717.0  |
| 7.5     | 8.707-718.0 | 8.707-719.0  | 8.707-721.0  | 8.707-722.0  |
| 8.0     | 8.707-723.0 | 8.707-726.0  | 8.707-727.0  | 8.707-729.0  |
| 8.5     | 8.707-734.0 | 8.707-735.0  | 8.707-736.0  | 8.707-738.0  |
| 9.0     | 8.707-739.0 | 8.707-741.0  | 8.707-743.0  | 8.707-746.0  |
| 10.0    | 8.707-747.0 | 8.707-751.0  | 8.707-754.0  | 8.707-756.0  |
| 11.0    | 8.707-760.0 | 8.707-761.0  | 8.707-762.0  | 8.707-763.0  |
| 12.0    | 8.707-764.0 | 8.707-766.0  | 8.707-767.0  | 8.707-768.0  |
| 12.5    | 8.707-769.0 | 8.707-770.0  | 8.707-771.0  | 8.707-772.0  |
| 13.0    | 8.707-773.0 | 8.707-774.0  | 8.707-776.0  | 8.707-778.0  |
| 15.0    | 8.707-782.0 | 8.707-787.0  | 8.707-789.0  | 8.707-790.0  |
| 20.0    | 8.707-795.0 | 8.707-800.0  | 8.707-802.0  | 8.707-804.0  |
| 25.0    | 8.707-807.0 | 8.707-811.0  | 8.707-812.0  | 8.707-813.0  |
| 30.0    | 8.707-814.0 | 8.707-817.0  | 8.707-818.0  | 8.707-819.0  |
| 40.0    | 8.707-821.0 | 8.707-824.0  | 8.707-826.0  | 8.707-827.0  |
| 50.0    | 8.707-828.0 | 8.707-830.0  | 8.707-832.0  | 8.707-833.0  |
| 60.0    | 8.707-834.0 | 8.707-835.0  | 8.707-837.0  | 8.707-838.0  |

| PART NO.    | NOZZLE SIZE               |
|-------------|---------------------------|
| VANE        |                           |
| 8.700-561.0 | 1/4" Small 2.0 - 20.0 Meg |

## **NOZZLES - MEG - 1/8" - "WASHJET"**



1/8" male pipe thread meg nozzles, rated up to 4000 PSI. Hardened stainless-steel nozzle ensures consistent, accurate orifice size.

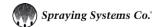


- PSI: 4000
- Orifice Recessed for Protection
- Flow-Rated Tolerance of + 2% at 70°F
- Hard-edge pattern, light center requires overlap to cover center
- 400 Series Stainless-steel

| ORIFICE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° |
|---------|-------------|--------------|--------------|--------------|
| 2.0     | 8.707-529.0 | 8.707-536.0  | 8.707-537.0  | 8.707-538.0  |
| 2.5     | -           | 8.707-539.0  | 8.711-465.0  | -            |
| 3.0     | 8.707-540.0 | 8.707-542.0  | 8.707-543.0  | 8.707-544.0  |
| 3.5     | -           | 8.707-545.0  | 8.707-546.0  | -            |
| 4.0     | 8.707-547.0 | 8.707-549.0  | 8.707-550.0  | 8.707-551.0  |
| 4.5     | 8.707-552.0 | 8.707-554.0  | 8.707-556.0  | 8.707-557.0  |
| 5.0     | 8.707-558.0 | 8.707-559.0  | 8.707-561.0  | 8.707-564.0  |
| 5.5     | 8.707-567.0 | 8.707-568.0  | 8.707-569.0  | 8.707-570.0  |
| 6.0     | 8.707-571.0 | 8.707-572.0  | 8.707-573.0  | 8.707-575.0  |
| 6.5     | 8.707-577.0 | 8.707-578.0  | 8.707-579.0  | 8.707-581.0  |
| 7.0     | 8.707-582.0 | 8.707-584.0  | 8.707-585.0  | 8.707-586.0  |
| 7.5     | 8.707-588.0 | 8.707-589.0  | 8.707-591.0  | 8.707-592.0* |
| 8.0     | 8.707-593.0 | 8.707-594.0  | 8.707-595.0  | 8.707-596.0  |
| 8.5     | 8.707-598.0 | 8.707-599.0  | 8.707-600.0  | 8.707-601.0  |
| 9.0     | 8.707-602.0 | 8.707-604.0  | 8.707-605.0  | 8.707-607.0  |
| 9.5     | -           | 8.707-609.0  | 8.707-610.0  | 8.707-611.0  |
| 10.0    | 8.707-612.0 | 8.707-613.0  | 8.707-614.0  | 8.707-616.0  |
| 11.0    | 8.707-618.0 | 8.707-619.0  | 8.707-620.0  | -            |
| 12.0    | 8.707-621.0 | -            | -            | 8.707-623.0  |
| 15.0    | 8.707-625.0 | 8.707-626.0  | 8.707-627.0  | -            |

## **NOZZLES - OC "WASH JET"**

"QC" or Quick Connect Hardened Stainless Meg Nozzle, fits most 1/4" quick couplers. Rated for 4000 PSI..

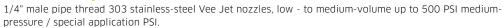


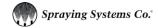


- PSI: 4000
- Temperature: 300°F
- Flow-Rated Tolerance of + 2%
- Hardened Stainless-Steel
- Fits Hansen and Parker Quick-Couplers

| ORIFICE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° |
|---------|-------------|--------------|--------------|--------------|
|         | RED         | YELLOW       | GREEN        | WHITE        |
| 2.0     | -           | 8.708-415.0  | 8.708-416.0  | -            |
| 3.0     | 8.708-417.0 | 8.708-418.0  | 8.708-419.0  | 8.708-420.0  |
| 3.5     | 8.708-422.0 | 8.708-423.0  | 8.708-424.0  | 8.708-425.0  |
| 4.0     | 8.708-427.0 | 8.708-428.0  | 8.708-429.0  | 8.708-430.0  |
| 4.5     | 8.708-431.0 | 8.708-432.0  | 8.708-433.0  | 8.708-434.0  |
| 5.0     | 8.708-435.0 | 8.708-436.0  | 8.708-437.0  | 8.708-438.0  |
| 5.5     | 8.708-439.0 | 8.708-440.0  | 8.708-441.0  | 8.708-442.0  |
| 6.0     | 8.708-443.0 | 8.708-444.0  | 8.708-445.0  | 8.708-446.0  |
| 6.5     | 8.708-447.0 | 8.708-448.0  | 8.708-449.0  | 8.708-450.0  |
| 7.0     | 8.708-451.0 | 8.708-452.0  | 8.708-453.0  | 8.708-454.0  |
| 7.5     | 8.708-455.0 | 8.708-456.0  | 8.708-457.0  | 8.708-458.0  |
| 8.0     | 8.708-459.0 | 8.708-460.0  | 8.708-461.0  | 8.708-462.0  |
| 9.0     | -           | 8.708-463.0  | 8.708-464.0  | 8.708-465.0  |
| 10.0    | 8.708-467.0 | 8.708-468.0  | 8.708-469.0  | 8.708-470.0  |
| 12.0    | 8.708-471.0 | 8.708-472.0  | -            | 8.708-474.0  |

## **NOZZLES - 1/4" VEEJET - BROAD SPRAY STAINLESS-STEEL**





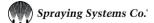


- PSI: 5 Min 500 Max
- Vee Jet Nozzle
- 303 Stainless-Steel
- GPH: 10.61 to 106 GPH (11.15 to 112 ml/sec)

| NOZZLE | ORIFICE DIAMTER | PART NO. 50° | PART NO. 65° | PART NO. 80° | PART NO. 95° | PART NO. 100° |
|--------|-----------------|--------------|--------------|--------------|--------------|---------------|
| 1.0    | .026            | 8.708-074.0  | 8.708-075.0  | 8.708-076.0  | 8.708-078.0  | 8.708-079.0   |
| 1.5    | .031            | 8.708-085.0  | 8.708-086.0  | 8.708-087.0  | 8.708-089.0  | 8.708-090.0   |
| 2.0    | .036            | 8.708-095.0  | 8.708-096.0  | 8.708-097.0  | 8.708-099.0  | 8.708-101.0   |
| 3.0    | .043            | 8.708-108.0  | 8.708-109.0  | 8.708-110.0  | 8.708-112.0  | 8.708-114.0   |
| 4.0    | .047            | 8.708-121.0  | 8.708-122.0  | 8.708-123.0  | 8.708-125.0  | 8.708-127.0   |
| 5.0    | .053            | 8.708-133.0  | 8.708-134.0  | 8.708-136.0  | 8.708-138.0  | 8.708-140.0   |
| 6.0    | .058            | 8.708-148.0  | 8.708-149.0  | 8.708-151.0  | 8.708-155.0  | 8.708-157.0   |
| 7.0    | .063            | 8.708-162.0  | 8.708-163.0  | 8.708-164.0  | -            | 8.708-165.0   |
| 8.0    | .067            | 8.708-172.0  | 8.708-173.0  | 8.708-175.0  | 8.708-177.0  | 8.708-179.0   |

#### **NOZZLES - 1/4" VEEJET - LOW-PRESSURE - BRASS**

1/4" male pipe thread Vee Jet nozzles, brass inexpensive alternative for applications up to 500 PSI.





- PSI: Up to 500 PSI
- Feather Edge for Wide Coverage
- Allows Overlap for Even Application
- 1/4" MPT Connects
- Excellent for low-pressure chemical and acid applications
- Uniform spray distribution with flow rates from .012 to 1237 GPM

| NOZZLE SIZE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° | PART NO. 50° | PART NO. 65° |
|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 15          | 8.708-203.0 | 8.708-204.0  | 8.708-206.0  | 8.708-208.0  | 8.708-210.0  | 8.708-212.0  |
| 20          | 8.708-218.0 | 8.708-222.0  | 8.708-225.0  | 8.708-228.0  | 8.708-230.0  | 8.708-232.0  |
| 30          | 8.708-242.0 | 8.708-244.0  | 8.708-246.0  | 8.708-249.0  | 8.708-251.0  | 8.708-253.0  |
| 40          | 8.708-258.0 | 8.708-260.0  | 8.708-262.0  | 8.708-264.0  | 8.708-266.0  | 8.708-268.0  |
| 50          | 8.708-275.0 | 8.708-277.0  | 8.708-279.0  | 8.708-280.0  | 8.708-282.0  | 8.708-284.0  |
| 60          | 8.708-289.0 | 8.708-290.0  | 8.708-292.0  | 8.708-294.0  | 8.708-296.0  | 8.708-297.0  |
| 70          | 8.708-302.0 | 8.708-304.0  | 8.708-306.0  | 8.708-308.0  | 8.708-309.0  | 8.708-310.0  |

## **NOZZLE SYSTEM - TIP JET**

"Tip-Jet" Nozzle Systems are versatile nozzling systems for everyday or specialized applications. Flat spray, full cone, hollow cone and solid stream patterns, metering orifices and atomizing tips are all available in the Tip-Jet system. Capacities range from .55 to 20 GPM.



- PSI: 4000
- Neat and simple tip change
- Strainers Available
- Hardened stainless-steel tips with vanes for maximum spray integrity
- Body components available in brass, zinc-plated steel or stainless-steel

| ORIFICE | PART NO. 0° | PART NO. 15° | PART NO. 25° | PART NO. 40° |
|---------|-------------|--------------|--------------|--------------|
| 3.0     | 8.708-016.0 | 8.708-017.0  | 8.708-018.0  | -            |
| 4.0     | 8.708-019.0 | 8.708-020.0  | 8.708-021.0  | 8.708-022.0  |
| 4.5     | 8.708-023.0 | 8.708-024.0  | 8.708-025.0  | 8.708-026.0  |
| 5.0     | 8.708-027.0 | 8.708-028.0  | 8.708-029.0  | 8.708-030.0  |
| 5.5     | 8.708-031.0 | 8.708-032.0  | 8.708-033.0  | 8.708-034.0  |
| 6.0     | 8.708-035.0 | 8.708-036.0  | 8.708-037.0  | 8.708-038.0  |
| 6.5     | 8.708-039.0 | -            | 8.708-040.0  | 8.708-041.0  |
| 7.0     | 8.708-042.0 | 8.708-043.0  | 8.708-044.0  | 8.708-045.0  |
| 10.0    | 8.708-058.0 | 8.708-059.0  | 8.708-060.0  | 8.708-061.0  |

#### **NOZZLE SYSTEM - TIP JET NOZZLE BODIES**

Tip-Jet Nozzle Bodies, MPT inlet connections in 1/4", 3/8" and 1/2" sizes. All outlet connections are 11/16" - 16 male thread to fit Tip-Jet tip retainers and adapters.





| PART NO.    | DESCRIPTION | ТҮРЕ            |
|-------------|-------------|-----------------|
| 8.707-886.0 | MPT 1/4"    | Nylon           |
| 8.707-898.0 | MPT 1/4"    | Brass           |
| 8.707-899.0 | MPT 1/4"    | Stainless-steel |
| 8.707-916.0 | MPT 1/4"    | Polypropylene   |

#### **NOZZLES - SOAP**



"Black" Soap Nozzles are brass with a large #40 orifice. Ideal for low-pressure chemical applications.

| PART NO.    | SIZE | NOZZLE DEGREE |
|-------------|------|---------------|
| 8.708-478.0 | 40   | 25°           |
| 8.708-479.0 | 40   | 65°           |

#### **NOZZLE SYSTEM - TIP JET ADAPTER CAPS**



Tip-Jet Adapter Caps, similar to tip retainers, but have FPT connections for in-line applications.

| PART NO.    | DESCRIPTION | ТҮРЕ  |
|-------------|-------------|-------|
| 8.707-919.0 | MPT 1/8"    | Brass |
| 8.707-921.0 | MPT 1/4"    | Brass |

#### **NOZZLE SYSTEM - TIP JET RETAINER**



Tip Retainer 18 mm thread, fits vent grip lance.

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.710-901.0 | Hex Tip Retainer |

#### **NOZZLE SYSTEM - TIP JET RETAINER CAPS**



Tip-Jet Retainer Caps, fits all Tip-Jet nozzle bodies, holds spray tips and metering orifices firmly in place.

| PART NO.    | DESCRIPTION | ТУРЕ            |
|-------------|-------------|-----------------|
| 8.707-915.0 | Hex         | Brass           |
| 8.707-918.0 | Hex         | Plated Steel    |
| 8.707-888.0 | Hex         | Stainless-steel |

## **NOZZLE SYSTEM - TIP JET STRAINERS**



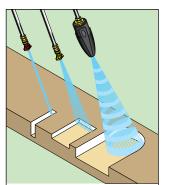
Tip-Jet Strainers fit into nozzle body cavity to stop nozzle clogging. .

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.725-693.0 | 100-Mesh    |

## NOZZLES - LEGACY REVOLUTION Legacy TURBO

Legacy is proud to offer the Revolution rotary nozzle. This turbo rotary nozzle is rated for up to 4350 PSI at 185°F. Turning at an astounding 4,000 RPM, the Revolution delivers faster and deeper cleaning action for the same price of 3000 PSI rotary nozzles.





Legacy's Revolution is the best of both worlds: deep cleaning impact of a 0° nozzle with the fast cleaning of a widecoverage fan spray nozzle.

- Greater Cleaning Power
   Engineered to increase
   impact pressure by more
   than 10 times that of
   conventional nozzles
- Longer Operating Life
   The Revolution's operating life is extended significantly by its wear-resistant ceramic nozzle and bearing ring
- More Durable and Versatile The Revolution features an extra-resilient housing protector and is capable of handling a stream up to 4350 PSI at 185°F

| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| NOZZLE      |         |      |
| 9.302-242.0 | 3.5     | 4350 |
| 9.302-243.0 | 4.0     | 4350 |
| 9.302-244.0 | 4.5     | 4350 |
| 9.302-245.0 | 5.0     | 4350 |
| 9.302-246.0 | 5.5     | 4350 |
| 9.302-247.0 | 6.5     | 4350 |
| 9.302-248.0 | 7.0/8.0 | 4350 |
| 9.302-249.0 | 12.0    | 4350 |
| REPAIR KIT  |         |      |
| 2.884-972.0 | 3.5     |      |
| 2.883-824.0 | 4.0     |      |
| 9.302-231.0 | 4.5     |      |
| 2.883-823.0 | 5.0     |      |
| 2.883-822.0 | 5.5     |      |
| 9.302-234.0 | 6.5     |      |
| 2.883-474.0 | 7.0-8.0 |      |
| 2.884-975.0 | 10.0    |      |
| 2.884-051.0 | 12.0    |      |

## **NOZZLES - A+ / AP REVOLUTION TURBO**

AP Revolution Turbo Nozzle is rated for up to 5000 PSI at 212°F. High-impact nozzle at unbelievable pricing!



- Forged Brass
- Precision Ceramic
- Durable Rubber Cover







3000 PSI

4000 PSI

5000 PSI

| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| NOZZLE      |         |      |
| 8.726-056.0 | 3.5     | 3000 |
| 8.726-057.0 | 4.0     | 3000 |
| 8.726-058.0 | 4.5     | 3000 |
| 8.726-059.0 | 5.0     | 3000 |
| 8.726-060.0 | 5.5     | 3000 |
| 8.726-061.0 | 6.0     | 3000 |
| 8.726-068.0 | 3.5     | 4000 |
| 8.726-069.0 | 4.0     | 4000 |
| 8.726-070.0 | 4.5     | 4000 |
| 8.726-071.0 | 5.0     | 4000 |
| 8.726-072.0 | 5.5     | 4000 |
| 8.726-073.0 | 6.0     | 4000 |
| 8.726-080.0 | 3.5     | 5000 |
| 8.726-081.0 | 4.0     | 5000 |
| 8.726-082.0 | 4.5     | 5000 |
| 8.726-083.0 | 5.0     | 5000 |
| 8.726-084.0 | 5.5     | 5000 |
| 8.726-085.0 | 6.0     | 5000 |

| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| REPAIR KIT  |         |      |
| 8.726-062.0 | 3.5     | 3000 |
| 8.726-063.0 | 4.0     | 3000 |
| 8.726-064.0 | 4.5     | 3000 |
| 8.726-065.0 | 5.0     | 3000 |
| 8.726-066.0 | 5.5     | 3000 |
| 8.726-067.0 | 6.0     | 3000 |
| 8.726-074.0 | 3.5     | 4000 |
| 8.726-075.0 | 4.0     | 4000 |
| 8.726-076.0 | 4.5     | 4000 |
| 8.726-077.0 | 5.0     | 4000 |
| 8.726-078.0 | 5.5     | 4000 |
| 8.726-079.0 | 6.0     | 4000 |
| 8.726-086.0 | 3.5     | 5000 |
| 8.726-087.0 | 4.0     | 5000 |
| 8.726-088.0 | 4.5     | 5000 |
| 8.726-089.0 | 5.0     | 5000 |
| 8.726-090.0 | 5.5     | 5000 |
| 8.726-091.0 | 6.0     | 5000 |

## **NOZZLE PROTECTOR - ST-10**



Ideal to protect sensitive surfaces against damage. Hard plastic body is stable enough to tightly hold nozzle adapter for heavy-duty use.



- Temperature: 300°F
- 1/4" FPT Inlet / Outlet

| PART NO.    | DESCRIPTION  | TYPE            |  |
|-------------|--------------|-----------------|--|
| 8.723-668.0 | Red / Black  | Zinc-plated     |  |
| 8.723-669.0 | Black / Gray | Stainless-steel |  |

## **NOZZLES - TURBO - A+ NOZZLE KIT**



- PSI: 4000
- With 8.726-069.0 Nozzle
- With 8.710-149.0 Inlet Filter



| PART NO.    | DESCRIPTION            | PSI  |
|-------------|------------------------|------|
| 8.928-444.0 | A+ Turbo Nozzle #4 Kit | 4000 |

#### **NOZZLES - MV ROTOJET 3700 & 5800 TURBO**

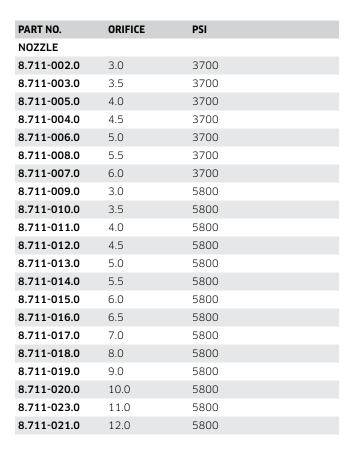
0° impact, 25° pattern, no gears - no teeth - no bearings. Exclusive design of the Rotojet 3700 / Rotojet 5800 eliminates start up impact and damage to internal nozzle.

- High-Strength, Forged Brass
- Precision Ceramic Orifice and Matching Race



**ROTOJET 3700 PSI** 

- Temperature: 210°F
- PSI: 1150 Min 3700 Max



- Durable Rubber / Plastic Cover
- 1/4" BSPP \*Note: British pipe thread compatible in-line filters are 8.709-979.0 and 8.709-978.0



ROTOJET 5800 PSI (MUST START WITH NOZZLE DOWN)

- Temperature: 200°F
- PSI: 2600 Min 5800 Max

| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| REPAIR KIT  |         |      |
| 8.704-039.0 | 3.0     | 3700 |
| 8.704-038.0 | 3.5     | 3700 |
| 8.704-040.0 | 4.0     | 3700 |
| 8.704-041.0 | 4.5     | 3700 |
| 8.704-042.0 | 5.0     | 3700 |
| 8.704-043.0 | 5.5     | 3700 |
| 8.704-044.0 | 6.0     | 3700 |
| 8.704-066.0 | 3.5     | 5800 |
| 8.704-067.0 | 4.0     | 5800 |
| 8.704-068.0 | 4.5     | 5800 |
| 8.704-069.0 | 5.0     | 5800 |
| 8.704-070.0 | 5.5     | 5800 |
| 8.704-071.0 | 6.0     | 5800 |
| 8.704-072.0 | 6.5     | 5800 |
| 8.704-073.0 | 7.0     | 5800 |
| 8.704-074.0 | 8.0     | 5800 |
| 8.704-075.0 | 9.0     | 5800 |
| 8.704-076.0 | 10.0    | 5800 |
| 8.704-077.0 | 11.0    | 5800 |
| 8.704-078.0 | 12.0    | 5800 |

## **NOZZLES - 3650 & 5100 PSI TURBO**

Provides great impact and cleaning power

■ Temperature: 212°F







Turbo Nozzle PSI: 2600 Min - 5100 Max

| PART NO.    | ORIFICE | PSI  |  |
|-------------|---------|------|--|
| NOZZLE      |         |      |  |
| 8.711-105.0 | 3.0     | 3650 |  |
| 8.711-097.0 | 3.5     | 3650 |  |
| 8.711-098.0 | 4.0     | 3650 |  |
| 8.711-099.0 | 4.5     | 3650 |  |
| 8.711-100.0 | 5.0     | 3650 |  |
| 8.711-101.0 | 5.5     | 3650 |  |
| 8.711-102.0 | 6.0     | 3650 |  |
| 8.711-096.0 | 6.5     | 3650 |  |
| 8.711-103.0 | 7.0     | 3650 |  |
| 8.711-104.0 | 8.0     | 3650 |  |
| 8.711-086.0 | 3.0     | 5100 |  |
| 8.711-087.0 | 3.5     | 5100 |  |
| 8.711-088.0 | 4.0     | 5100 |  |
| 8.711-089.0 | 4.5     | 5100 |  |
| 8.711-090.0 | 5.0     | 5100 |  |
| 8.711-091.0 | 5.5     | 5100 |  |
| 8.711-092.0 | 6.0     | 5100 |  |
| 8.711-093.0 | 6.5     | 5100 |  |
| 8.711-094.0 | 7.0     | 5100 |  |
| 8.711-095.0 | 8.0     | 5100 |  |

| PART NO.        | DESCRIPTION                    |
|-----------------|--------------------------------|
| REPAIR KIT - TU | JRBO NOZZLES 3650 AND 5100 PSI |
| 8.749-913.0     | Repair Kit 3.5                 |
| 8.749-914.0     | Repair Kit 4.0                 |
| 8.749-915.0     | Repair Kit 4.5                 |
| 8.749-916.0     | Repair Kit 5.0                 |
| 8.749-917.0     | Repair Kit 5.5                 |
| 8.749-920.0     | Repair Kit 7.0                 |
| 8.749-921.0     | Repair Kit 8.0                 |

# NOZZLES - ST-357 & ST-457 TURBO



- 1/4" FPT
- Forged Brass



ST-357 PSI: 1150 Min - 3652 Max Temperature: 190°F

Precision Ceramic Orifice





ST-457 - 6000 PSI PSI: 2600 Min - 6000 Max Temperature: 212°F

| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| NOZZLE      |         |      |
| 8.710-986.0 | 3.0     | 3625 |
| 8.710-987.0 | 3.5     | 3625 |
| 8.710-989.0 | 4.0     | 3625 |
| 8.710-988.0 | 4.5     | 3625 |
| 8.710-991.0 | 5.0     | 3625 |
| 8.710-993.0 | 5.5     | 3625 |
| 8.710-992.0 | 6.0     | 3625 |
| 8.711-072.0 | 3.0     | 6000 |
| 8.711-073.0 | 3.5     | 6000 |
| 8.711-074.0 | 4.0     | 6000 |
| 8.711-075.0 | 4.5     | 6000 |
| 8.711-076.0 | 5.0     | 6000 |
| 8.711-077.0 | 5.5     | 6000 |
| 8.711-078.0 | 6.0     | 6000 |
| 8.711-079.0 | 7.0     | 6000 |
| 8.711-080.0 | 8.0     | 6000 |
| 8.711-081.0 | 10.0    | 6000 |
| REPAIR KIT  |         |      |
| 8.701-570.0 | 3.0     | 3625 |
| 8.701-569.0 | 3.5     | 3625 |
| 8.701-564.0 | 4.0     | 3625 |
| 8.701-562.0 | 4.5     | 3625 |
| 8.701-565.0 | 5.0     | 3625 |
| 8.701-568.0 | 5.5     | 3625 |
| 8.701-566.0 | 6.0     | 3625 |
| 8.701-572.0 | 3.0     | 6000 |
| 8.701-571.0 | 3.5     | 6000 |
| 8.701-573.0 | 4.0     | 6000 |
| 8.701-574.0 | 4.5     | 6000 |
| 8.701-575.0 | 5.0     | 6000 |
| 8.701-576.0 | 5.5     | 6000 |
| 8.701-577.0 | 6.0     | 6000 |
| 8.701-578.0 | 7.0     | 6000 |
| 8.701-579.0 | 8.0     | 6000 |
| 8.701-580.0 | 10.0    | 6000 |

## NOZZLES - TURBO - IDK & DK SERIES - DIRT KILLER

 $4700\;\mbox{maximum}$  PSI, a popular model providing great impact and cleaning power.



8.712-429.0

- Temperature Max: 180°F
- 1/4" Inlet
- IDK Series: Commonly used for Water Blasting and Heavy Duty Cleaning of Concrete, Steel, etc.
- DK Series: Commonly used for warehouse floors, wash rooms, alleyways etc.

| PART NO.    | SERIES  | ORIFICE | PSI  |
|-------------|---------|---------|------|
| NOZZLE      |         |         |      |
| 8.712-429.0 | DK      | 045     | 3200 |
| 8.740-148.0 | IDK     | 055     | 4700 |
| REPAIR KIT  |         |         |      |
| 8.701-160.0 | DK Kit  | 045     | 3200 |
| 8.701-161.0 | IDK Kit | 055     | 4700 |

## **NOZZLES - VIPER ROTATING**





- PSI: 5000
- Temperature Max: 190°F
- 1/4" FPT Inlet
- Weight: 1.0 oz.

| PART NO.       | STD NOZZLE EQUIV | PSI  |
|----------------|------------------|------|
| NOZZLE - VIPER |                  |      |
| 8.711-000.0    | 4.5              | 5000 |
| 8.711-001.0    | 5.5              | 5000 |
| REPAIR KIT     |                  |      |
| 8.701-163.0    | 4.5              | 5000 |
| 8.701-166.0    | 5.5              | 5000 |

## NOZZLES - TURBO MV ROTATING SOFT / HARD

The cleaning efficiency of a high-pressure rotating nozzle with the feature of changing from a hard spray for concrete to a soft spray for wood by simply pushing or pulling the finger protected nozzle.



- PSI: 3700
- Temperature: 200°F

| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| 8.711-055.0 | 045     | 3700 |

#### **NOZZLES - MV TRIPLE-FUNCTION**

Provides three cleaning options: low-pressure for soap or chemical application; a 15° angle for high-pressure cleaning; and a rotating nozzle for maximum cleaning efficiency.





| PART NO.    | ORIFICE | PSI  |
|-------------|---------|------|
| 8.711-068.0 | 040     | 3000 |

## **NOZZLES - ZRMAX & ZROTOMAX ROTATING**



- PSI: Up to 5800 Max
- Temperature Max: 176°F
- 1/4" FPT Inlet

- Weight: 9 oz..
- Replaceable Stainless-Steel Orifices



| PART NO.    | DESCRIPTION | STD NOZZLE EQUIV | GPM       | PSI        |
|-------------|-------------|------------------|-----------|------------|
| 8.711-035.0 | ZROTOMAX1   | 4.5              | 2.1 - 2.6 | 1450 -3500 |
| 8.711-036.0 | ZROTOMAX2   | 5.5              | 2.9 - 4.0 | 1450 -3500 |
| 8.711-037.0 | ZROTOMAX3   | 6.5              | 4.2 - 5.5 | 1450 -3500 |
| 8.711-038.0 | ZRMAX581    | 4.5              | 2.3 - 4.7 | 5800       |
| 8.711-039.0 | ZRMAX583    | 6.5              | 3.3 - 6.6 | 5800       |
| 8.701-532.0 | Repair Kit  |                  |           |            |

#### **COUPLERS - LANCE & NOZZLE COUPLERS**

Changes MPT lance to FPT for mounting MPT nozzles.





| PART NO.    | DESCRIPTION |  |
|-------------|-------------|--|
| BRASS       |             |  |
| 8.705-150.0 | 1/8" x 1/8" |  |
| 8.705-155.0 | 1/4" x 1/8" |  |
| 8.705-151.0 | 1/4" x 1/4" |  |
| STEEL       |             |  |
| 8.710-713.0 | 1/8" x 1/8" |  |
| 8.710-712.0 | 1/4" x 1/8" |  |
| 8.710-714.0 | 1/4" x 1/4" |  |
|             |             |  |

#### **NOZZLES - ROTOJET 2500**

Economy turbo nozzle.

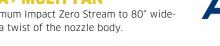


- PSI Max: 2000
- Temperature Max: 140°F
- 1/4" FPT Inlet
- Weight: 5.4 oz..
- Great for economy washers

| PART NO.    | ORIFICE | PSI  |  |
|-------------|---------|------|--|
| 8.711-026.0 | 3.0     | 2500 |  |
| 8.711-027.0 | 3.5     | 2500 |  |

## **NOZZLES - A+ MULTI-FAN**

Adjust from maximum Impact Zero Stream to 80° wideangle spray with a twist of the nozzle body.





- PSI: 3000
- Temperature: 300°F
- 1/4" FPT Connect
- Stainless-Steel Replaceable Orifices
- Stainless-Steel Deflector .

| PART NO.    | ORIFICE | COLOR      |  |
|-------------|---------|------------|--|
| 8.710-932.0 | 3.0     | Yellow     |  |
| 8.710-933.0 | 3.5     | White      |  |
| 8.710-934.0 | 4.0     | Blue       |  |
| 8.710-935.0 | 4.5     | Brown      |  |
| 8.710-936.0 | 5.0     | Green      |  |
| 8.710-937.0 | 5.5     | Light Blue |  |
| 8.710-942.0 | 8.0     | -          |  |

## **NOZZLE FILTERS - 1/4" HIGH-PRESSURE**

Turbo nozzle protector.





8.709-978.0

8.709-979.0



8.710-150.0



8.710-149.0

- PSI Max: 5000
- GPM: 8.0
- Temperature: 300°F
- 1/4" MPT Outlet
- 100-Mesh SS Screen

| PART NO.    | TYPE   | INLET                         | OUTLET   |
|-------------|--------|-------------------------------|----------|
| PART NU.    | ITPE   | INLEI                         | OUILEI   |
| 8.709-978.0 | Brass  | 1/4" FPT                      | 1/4" MPT |
| 8.709-979.0 | Brass  | 1/4" QC                       | 1/4" MPT |
| 8.710-149.0 | 416 SS | 1/4" QC                       | 1/4" MPT |
| 8.710-150.0 | Brass  | 1/4" MPT                      | 1/4" MPT |
| 8.704-234.0 |        | ent Filter fo<br>8.0 / 8.709- |          |
| 8.701-201.0 |        | ent Filter fo<br>9.0 / 8.710- |          |
|             |        |                               |          |

## **NOZZLES - DUO-REG**

Duo-Reg nozzles are designed for industrial use in ALL applications. Easy push / pull, low-to-high pressure change, and easy-turn to adjust from 0° to 80° fan pattern.



- PSI: 3200
- GPM: 8.0
- Temperature: 300°F
- 1/4" FPT Connect
- Stainless-Steel Replaceable Orifices
- Tough Glass-Filled Nylon Cover
- Compact Size: 3-3/8" Long. 1-3/16" Diameter
- Weight: 5.7 oz..

| PART NO.    | ORIFICE | COLOR      |
|-------------|---------|------------|
| 8.710-959.0 | 3.0     | Yellow     |
| 8.710-960.0 | 3.5     | White      |
| 8.710-961.0 | 4.0     | Blue       |
| 8.710-962.0 | 4.5     | Brown      |
| 8.710-963.0 | 5.0     | Green      |
| 8.710-964.0 | 5.5     | Sky        |
| 8.710-965.0 | 6.0     | Black      |
| 8.710-966.0 | 6.5     | Dark Green |

#### REPLACEMENT ORFICES

Replacement orficies for Duo-Reg and Multi-fan nozzles.



| PART NO.    | ORIFICE           |
|-------------|-------------------|
| 8.701-448.0 | 1.20 MM = 3.0 GPM |
| 8.701-452.0 | 1.25 MM = 4.5 GPM |

## **NOZZLE HOLDER / HEAD -ST-56 ROLLOVER**





- GPM: 8
- Temperature: 300°F
- 1/4" FPT Inlet and Outlet
- Brass Body
- Glass-Filled Polyimide Cover

| PART NO.    | DESCRIPTION          | PSI  |
|-------------|----------------------|------|
| 8.710-895.0 | Rollover Nozzle Head | 3600 |

## **NOZZLE HOLDER - ST-51N ADJUSTABLE**



Nozzle holder allows water to be diverted around the fixed orifice nozzle, dropping the pressure and allowing the chemical injector to operate.



- PSI Max: 3600
- Temperature Max: 300°F
- GPM Max: 8.0
- Attaches to 1/4" MPT Lance
- Accepts 1/4" Meg Nozzles
- Weight: 5.9 oz.

| PART NO.    | DESCRIPTION | PSI  |
|-------------|-------------|------|
| 8.710-889.0 | ST-51N      | 3600 |

## NOZZLE HOLDER - ST-330 -**SWIVELING**



Perfect For cleaning hard-to-reach areas. Nozzle position locks with pressure.



- PSI: 5070
- GPM: 10
- Temperature: 300°F
- Stainless-Steel
- 1/4" Female Inlet

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.749-905.0 | Outlet 1/4" FNPT |
| 8.749-906.0 | Outlet 1/4" Male |

## **NOZZLES - HL250 VARI HI-LOW**



Push / Pull for easy change between high- and low-pressure; simple twist to adjust 0° - 80° spray fan pattern.



- PSI Max: 4050
- Temperature: 195°F
- 1/4" FPT Inlet
- Weight: 4 oz..
- Glass-Filled Nylon Cover
- Stainless-Steel Replaceable Orifice

| PART NO.    | ORIFICE | COLOR       |
|-------------|---------|-------------|
| 8.710-972.0 | 2.0     | Light Green |
| 8.710-973.0 | 2.5     | Pink        |
| 8.710-974.0 | 3.0     | White       |
| 8.710-975.0 | 3.5     | Brown       |
| 8.710-976.0 | 4.0     | Dark Yellow |
| 8.710-977.0 | 4.5     | Blue        |
| 8.710-978.0 | 5.0     | Purple      |
| 8.710-979.0 | 5.5     | Dark Red    |
| 8.710-980.0 | 6.0     | Dark Green  |
| 8.710-982.0 | 7.0     | Orange      |
| 8.710-983.0 | 8.0     | Silver      |

#### **NOZZLE HOLDER - DOUBLE**

Up to 10 GPM flow for low side pressure, 250 PSI.



- PSI Max: 3200
- Temperature Max: 195°F
- 1/4" Female Inlet. Two Female Outlets
- Heavy Nickel-Plate
- Chemical-Resistant
- Stainless-Steel Ball
- Machined-Brass Body
- New Ball Guide and Seat

| PART NO.    | DESCRIPTION        | PSI  |
|-------------|--------------------|------|
| 8.710-897.0 | Double Nozzle Head | 3200 |

#### **NOZZLE HOLDER - PIVOT**





- Allowable 120° Pivoting
- Works with standard quick connect nozzles
- 1/4" Quick Connect plug x 1/4" **Quick Connect Socket**

| PART NO.    | DESCRIPTION     | PSI  |
|-------------|-----------------|------|
| 9.114-868.0 | Pivoting Nozzle | 4000 |

#### X-JET LONG RANGE NOZZLE

Includes 15' Hose with In-Line Shut-Off Valve and Color-Coded Proportioners.





- Projects Water and Chemical Up To 40'
- Chemicals Bypass Pump, Lance, Hose and Gun For Damage Protection

| PART NO.     | DESCRIPTION  |
|--------------|--|
| 8.710-474.0* | X-Jet Long Range Nozzle,<br>2000-3000 PSI                    |
| 8.710-475.0* | X-Jet Long Range Nozzle,<br>3000-4000 PSI                    |
| 8.710-473.0  | M5 X-Jet Variable Fan, 2000-<br>3000 PSI, Long Rangle Nozzle |

<sup>\*</sup>Includes Close Range Nozzle

#### **JROD MULTI-NOZZLE HOLDER**

A handy tool that allows switching quickly between four different nozzles on one spray gun wand. Works great for changing between foam and water, reaching multiple height levels, or altering the intensity of the spray without having to carry around several individual nozzles



- 304 Stainless-steel
- Fits 1/4" NPT-M Thread Nozzles
- Turns each nozzle into a Quick-connect Tip

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 9.112-496.0 | JRod Multi-Nozzle Holder |

#### JROD MULTI-NOZZLE HOLDER



- Stainless-steel
- Fits 1/4" NPT-M Thread Nozzles
- Turns each nozzle into a Quick-connect Tip

| PART NO.    | DESCRIPTION                    |
|-------------|--------------------------------|
| 9.115-330.0 | 2-way JRod Multi-Nozzle Holder |
| 9.115-396.0 | 4-way JRod Multi-Nozzle Holder |

## NEW NOZZLES - STEAM





with 2.0 Opening

## **NOZZLES - STEAM**



#### Steam Nozzle Blank

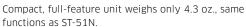
- PSI: 1450
- Steam Nozzle 1/4" F

#### Flat Steam Nozzle

- Steam Blank 3/8" M
- One-Piece Brass

| PART NO.    | DESCRIPTION                       |
|-------------|-----------------------------------|
| 8.710-958.0 | Flat Stream Nozzle, 1.5 mm        |
| 8.710-957.0 | Steam Nozzle Blank, Drill to Size |
| 8.904-374.0 | Nozzle Blank, Drilled to 1.6 mm   |
| 8.712-415.0 | Steam Nozzle, Drilled to 5/64"    |

#### **NOZZLES - ADJUSTABLE**





- PSI Max: 3650
- Temperature Max: 300°F
- GPM Max: 8.0
- Machined-Brass Body
- Nylon Adjustment Knob
- 1/4" FPT Inlet / Outlet

| PART NO.    | DESCRIPTION       | PSI  |
|-------------|-------------------|------|
| 8.710-891.0 | Adjustable Nozzle | 3650 |

## **NOZZLES - GUM REMOVAL**

Removes gum on concrete using a series of O degree jets



| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 9.115-328.0 | Gum Remover, QC, .05 Red |
| 9.115-329.0 | Gum Remover, QC, .08 Red |



## **NOZZLES - LONG DISTANCE**



- PSI Max: 5000
- Temperature: 250°F
- Inlet 1/4" NPT-M
- 10 GPM
- Cleans surfaces from longer distances
- Robust stainless steel construction



| PART NO.    | DESCRIPTION                 |
|-------------|-----------------------------|
| 9.116-521.0 | Nozzle, Long Distance #2.0  |
| 9.116-522.0 | Nozzle, Long Distance #2.5  |
| 9.116-523.0 | Nozzle, Long Distance #3.0  |
| 9.116-524.0 | Nozzle, Long Distance #3.5  |
| 9.116-525.0 | Nozzle, Long Distance #4.0  |
| 9.116-526.0 | Nozzle, Long Distance #4.5  |
| 9.116-527.0 | Nozzle, Long Distance #5.0  |
| 9.116-528.0 | Nozzle, Long Distance #5.5  |
| 9.116-529.0 | Nozzle, Long Distance #6.0  |
| 9.116-530.0 | Nozzle, Long Distance #6.5  |
| 9.116-531.0 | Nozzle, Long Distance #7.0  |
| 9.116-532.0 | Nozzle, Long Distance #7.5  |
| 9.116-533.0 | Nozzle, Long Distance #8.0  |
| 9.116-534.0 | Nozzle, Long Distance #8.5  |
| 9.116-535.0 | Nozzle, Long Distance #9.0  |
| 9.116-536.0 | Nozzle, Long Distance #10.0 |

#### **NOZZLE HOLDER - ROLLOVER - TWIST TYPE**

Holds two meg nozzles on opposite sides for positive change from chemical application to high-pressure rinse.



- PSI Max: 1000
- Temperature: 180°F
- Nickel-Plated Brass Body

| PART NO.    | DESCRIPTION            | PSI  |
|-------------|------------------------|------|
| 8.710-893.0 | Dual 1/4" FPT In / Out | 1000 |
| 8.900-022.0 | Repair Kit             | 1000 |

## **NOZZLE PROTECTOR / COUPLER**



- Protect Nozzles and Finished Surfaces
- Deep Nozzle Recess
- Tough Plastic Protector
- 1/4" FPT Coupler Inlet

| PART NO.    | NOZZLE |
|-------------|--------|
| 8.710-866.0 | 1/8"   |
| 8.710-867.0 | 1/4"   |

#### **NOZZLE PROTECTOR - SLIP-ON**

A durable, easy-to-use nozzle protector. Plastic rubber compound flexible and tough!



- 1-1/2" Diameter at Flare-End Slip-On to Lance
- Slip-Fits Standard Lances
- 2-1/2" Long
- Weight: 1.2 oz..

Attach Nozzle Coupler

- and Nozzle
- Slide protector forward for complete nozzle protection

| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 8.710-868.0 | Slip-on Nozzle Protector |

#### FOAMERS - LEGACY COMPACT

Generates a high-density clinging foam for extended dwell time to increase chemical action.





- PSI Max: 2500
- Temperature Max: 195°F
- GPM Max: 1-5
- 4 and 6.5 Nozzle Included
- 5" Long, 1" Diameter
- Stainless-Steel, Aluminum and Brass

| PART NO.    | DESCRIPTION  | PSI  |
|-------------|--------------|------|
| 8.903-998.0 | 1/8" F Inlet | 2500 |
| 8.903-999.0 | 1/4" F Inlet | 2500 |

Note: Most cleaning chemicals perform best when at 120° - 150°F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct products.

#### **FOAMERS - FOAM CANNON**

The ideal foam generator application accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



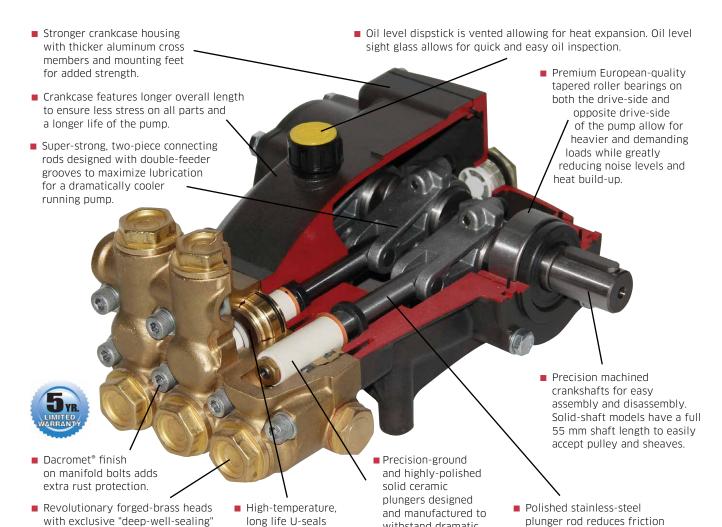
- PSI Max: 3200
- Temperature Max: 140°F
- GPM Max: 6.5
- Brass Meter Valve
- 1/4" FPT Lance Connect
- High-Impact Glass-Filled Body
- Stainless-Steel 1.5 mm Orifice (#5.5 Nozzle Equivalent)
- Stainless-Steel Foam Turbulator

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.710-125.0 | Foam Cannon / Injector          |
| 8.710-126.0 | Foam Cannon / Injector / Bottle |
| 8.704-222.0 | Replacement Turbulator Screen   |

#### LEGACY HD PUMP - THE MOST DURABLE PUMP ON THE MARKET

Legacy<sub>hd</sub>

Legacy HD heavy-duty, high pressure pumps are the outcome of years of research and development, resulting in a number of upgrades over previous pump models. Premium, long-life components and design features make the Legacy HD pump a standout among other high-pressure pumps. Tests prove it holds up better in rugged working conditions.



#### **LEGACY HD PUMP - GX SERIES**

The most durable pump on the market

valve caps eliminate any head

and valve cap thread.

pressure effects to the valve cap



heat for a smoother and

cooler operation.



| PART NO.                            | MODEL NO.       | GPM     | PSI  | НР   | RPM  | SHAFT | WT<br>(LBS.) |  |  |
|-------------------------------------|-----------------|---------|------|------|------|-------|--------------|--|--|
| GX SERIES: 1/2" INLET X 3/8" OUTLET |                 |         |      |      |      |       |              |  |  |
| 8.921-661.0                         | GX5450R         | 5.4     | 5000 | 17.0 | 1740 | 24 mm | 43           |  |  |
| 8.921-662.0                         | GX5450L         | 5.4     | 5000 | 17.0 | 1740 | 24 mm | 43           |  |  |
| GX SERIES: 3/4" B                   | SP INLET X 1/2" | BSP OUT | LET  |      |      |       |              |  |  |
| 8.920-597.0                         | GX9536.2R       | 9.5     | 3625 | 23.6 | 1740 | 25 mm | 38           |  |  |
| 8.920-598.0                         | GX9536.2L       | 9.5     | 3625 | 23.6 | 1740 | 25 mm | 38           |  |  |
| 8.920-599.0                         | GX1036.2R       | 10.4    | 3625 | 25.8 | 1740 | 25 mm | 38           |  |  |
| 8.920-600.0                         | GX1036.2L       | 10.4    | 3625 | 25.8 | 1740 | 25 mm | 38           |  |  |
| 8.920-602.0                         | GX1622.2R       | 15.8    | 2200 | 23.8 | 1740 | 25 mm | 38           |  |  |
| 8.920-603.0                         | GX1622.2L       | 15.8    | 2200 | 23.8 | 1740 | 25 mm | 38           |  |  |
| 8.752.809.0                         | GX8043.2        | 7.9     | 4350 | 23.5 | 1740 | 25 mm | 38           |  |  |

withstand dramatic

temperature and

pressure spikes.

correctly fitted for

each pump.

## **LEGACY HD PUMP - GM SERIES**

**Legacy**<sub>HD</sub>

■ Belt Drive

■ 1/2" Inlet x 3/8" Outlet



| PART NO.    | MODEL NO.      | GPM | PSI  | HP   | RPM  | SHAFT | WT (LBS.) |
|-------------|----------------|-----|------|------|------|-------|-----------|
| 8.751-197.0 | GM3540R.3      | 3.5 | 4000 | 9.5  | 1850 | 24 mm | 22        |
| 8.751-198.0 | GM4030R.3      | 4   | 3000 | 8.2  | 1000 | 24 mm | 22        |
| 8.751-200.0 | GM4035R.3      | 4.8 | 3500 | 7.5  | 1500 | 24 mm | 22        |
| 8.751-201.0 | GM4035L.3-Left | 4.8 | 3500 | 7.5  | 1500 | 24 mm | 22        |
| 8.751-202.0 | GM5030R.3      | 5.1 | 3000 | 13.5 | 1550 | 24 mm | 22        |
| 8.751-203.0 | GM5030L.3      | 5.1 | 3000 | 13.5 | 1550 | 24 mm | 22        |
| 8.751-244.0 | GM6035R.3      | 5.6 | 3500 | 13.5 | 1740 | 24 mm | 22        |
| 8.751-245.0 | GM6035L.3      | 5.6 | 3500 | 13.5 | 1740 | 24 mm | 22        |

## **LEGACY HD PUMP - GT SERIES**

**Legacy**<sub>HD</sub>

■ Belt Drive

■ 1/2" Inlet x 3/8" Outlet



| PART NO.    | MODEL NO. | GPM | PSI  | HP   | RPM  | SHAFT | WT (LBS.) |
|-------------|-----------|-----|------|------|------|-------|-----------|
| 8.921-722.0 | GT4540.2R | 4.5 | 4000 | 12.3 | 1360 | 25 mm | 39        |
| 8.921-723.0 | GT4540.2L | 4.5 | 4000 | 12.3 | 1360 | 25 mm | 39        |
| 8.921-724.0 | GT6036.2R | 6.0 | 3600 | 14.8 | 1450 | 25 mm | 39        |
| 8.921-725.0 | GT6036.2L | 6.0 | 3600 | 14.8 | 1450 | 25 mm | 39        |
| 8.921-726.0 | GT5636.2R | 5.6 | 3600 | 13.8 | 1450 | 24 mm | 39        |
| 8.921-727.0 | GT5636.2L | 5.6 | 3600 | 13.8 | 1450 | 24 mm | 39        |

## **LEGACY PUMP - GBP & GB SERIES**

Legacy

■ Belt Drive

■ 1/2" Inlet x 3/8" Outlet



| PART NO.    | MODEL NO. | GPM | PSI  | HP  | RPM  | SHAFT | WT (LBS.) |
|-------------|-----------|-----|------|-----|------|-------|-----------|
| 8.929-708.0 | GBP3030R  | 3.0 | 3000 | 6.2 | 1650 | 24 mm | 14.5      |
| 8.929-754.0 | GBP3030L  | 3.0 | 3000 | 6.2 | 1650 | 24 mm | 14.5      |
| 8.929-713.0 | GBP4025R  | 4.0 | 2500 | 6.8 | 1550 | 24 mm | 14.5      |

## **LEGACY HD PUMP - READY TO GO SERIES**

Legacy

■ Belt or Direct Drive

 Includes a pump, unloader, thermal protector, bypass loop hose, garden hose inlet with filter and quick coupler.



| PART NO.    | MODEL NO. | DRIVE  | GPM | PSI  | RPM  | SHAFT       | UNLOADER |
|-------------|-----------|--------|-----|------|------|-------------|----------|
| 8.924-458.0 | GP3035G   | Direct | 3.0 | 3500 | 3400 | 3/4" Hollow | VRT3     |
| 8.924-459.0 | GP3535G1  | Direct | 3.5 | 3500 | 3400 | 1" Hollow   | VRT3     |
| 8.924-460.0 | GS4040G.3 | Direct | 4.0 | 4000 | 3400 | 1" Hollow   | VRT3     |
| 8.924-461.0 | GB3030R   | Belt   | 3.0 | 3000 | 1650 | 24 mm       | VRT3     |
| 8.924-462.0 | GM3540R.3 | Belt   | 3.5 | 4000 | 1850 | 24 mm       | VRT3     |
| 8.924-463.0 | GM3840R.3 | Belt   | 3.8 | 4000 | 1740 | 24 mm       | VRT3     |

#### **LEGACY PUMP - HFR SERIES**

Legacy

■ Belt Drive

■ Rated up to 149°F

■ 3/4" Outlet



| PART NO.    | MODEL NO. | GPM  | PSI  | HP   | RPM  | SHAFT | INLET  | WT (LBS.) |
|-------------|-----------|------|------|------|------|-------|--------|-----------|
| 8.751-677.0 | HFR40FR   | 10.5 | 4100 | 28.7 | 1450 | 40 mm | 1"     | 106       |
| 8.751-678.0 | HFR60FR   | 15.7 | 4100 | 43.0 | 1450 | 40 mm | 1"     | 106       |
| 8.751-680.0 | HFR80FL   | 20.9 | 4100 | 57.3 | 1450 | 40 mm | 1"     | 106       |
| 8.751-681.0 | HFR80FR   | 20.9 | 4100 | 57.3 | 1450 | 40 mm | 1"     | 106       |
| 8.751-689.0 | HFR80SR   | 21.1 | 2175 | 30.5 | 2175 | 40 mm | 1-1/4" | 106       |
| 8.751-693.0 | HFR120SR  | 31.7 | 2175 | 46.1 | 2175 | 40 mm | 1-1/4" | 106       |

## **LEGACY PUMP - HHP SERIES**

"Ecobrass" pump head: environment-friendly brass alloy with very high mechanical properties equivalent to Stainless-steel 316.

Legacy

■ Belt Drive

■ Rated up to 149°F

■ 3/4" Inlet x 1/2" Outlet



| PART NO.    | MODEL NO. | GPM  | PSI  | HP   | RPM  | SHAFT | WT (LBS.) |
|-------------|-----------|------|------|------|------|-------|-----------|
| 8.751-682.0 | HHP25SL   | 6.6  | 7250 | 32.6 | 1000 | 40 mm | 112       |
| 8.751-694.0 | HHP4150R  | 10.8 | 7250 | 53.7 | 1450 | 40 mm | 112       |

## **LEGACY PUMP - NMT SERIES**

Legacy

- Belt Drive
- 1/2" Inlet x 3/8" Outlet
- NMT1520SCWR: Rated up to 149°F Nickel Plated
- NMT2120ESR: Rated up to 185°F Stainless-steel - 316L



MODEL NO. GPM PSI HP **RPM SHAFT** WT (LBS.) 8.754-110.0 NMT1520SCWR 4.8 3000 9.9 1200 24 mm 21 8.754-112.0 1740 NMT2120ESR 6.6 3000 12.8 24 mm 26

## **LEGACY PUMP - NLT SERIES**

Legacy

■ Belt Drive

- 1/2" Inlet x 3/8" Outlet
- Double Shaft Pump

■ Rated up to 149°F



| PART NO.    | MODEL NO. | GPM | PSI  | HP   | RPM  | SHAFT | WT (LBS.) |
|-------------|-----------|-----|------|------|------|-------|-----------|
| 8.755-731.0 | NLT2525S  | 7.9 | 3625 | 19.6 | 1200 | 25 mm | 41        |

#### **LEGACY HD PUMP - GS SERIES**

**Legacy**<sub>HD</sub>

■ Direct Couple-to-gas Engine

■ 1/2" Inlet x 3/8" Outlet



| PART NO.    | MODEL NO. | GPM | PSI  | HP   | RPM  | SHAFT     | WT (LBS.) |
|-------------|-----------|-----|------|------|------|-----------|-----------|
| 8.751-205.0 | GS3040G.3 | 3.0 | 4000 | 9.0  | 3400 | 1" Hollow | 24.5      |
| 8.751-206.0 | GS3540G.3 | 3.5 | 4000 | 11.0 | 3400 | 1" Hollow | 23        |
| 8.751-207.0 | GS4040G.3 | 4.0 | 4000 | 13.0 | 3400 | 1" Hollow | 23        |
| 8.751-208.0 | GS5030G.3 | 5.0 | 3000 | 16.0 | 3400 | 1" Hollow | 24.5      |

## **LEGACY HD PUMP - GP & GPP SERIES**

**Legacy**<sub>HD</sub>

■ Direct Couple-to-gas Engine

■ 1/2" Inlet x 3/8" Outlet



| PART NO.    | MODEL NO. | GPM | PSI  | НР  | RPM  | SHAFT       | WT (LBS.) |
|-------------|-----------|-----|------|-----|------|-------------|-----------|
| 8.929-711.0 | GPP2535G  | 2.5 | 3500 | 6.0 | 3400 | 3/4" Hollow | 16.75     |
| 8.929-709.0 | GPP3035G  | 3.0 | 3500 | 7.2 | 3400 | 3/4" Hollow | 16.75     |
| 8.929-710.0 | GPP3035G1 | 3.0 | 3500 | 7.2 | 3400 | 1" Hollow   | 18        |
| 8.923-816.0 | GP3535G1  | 3.5 | 3500 | 8.4 | 3400 | 1" Hollow   | 18        |

## **LEGACY HD PUMP - GF & GFP SERIES**

**Legacy**<sub>HD</sub>

- Direct Couple-to-electric Motor
- 1/2 14 BSPP-F Inlet x 3/8-19 BSPP-F Outlet

■ NEMA 56C Frame



| PART NO.    | MODEL NO. | GPM | PSI  | HP  | RPM  | SHAFT       | WT (LBS.) |
|-------------|-----------|-----|------|-----|------|-------------|-----------|
| 8.923-818.0 | GF2030F   | 2.1 | 3000 | 4.3 | 3450 | 5/8" Hollow | 17        |
| 8.929-707.0 | GFP2030S  | 2.1 | 3000 | 4.3 | 1725 | 5/8" Hollow | 17        |
| 8.923-820.0 | GF2830F   | 2.8 | 3000 | 5.8 | 3450 | 5/8" Hollow | 17        |
| 8.929-714.0 | GFP2830S  | 2.8 | 3000 | 5.8 | 1725 | 5/8" Hollow | 17        |
| 8.929-712.0 | GFP3530F  | 3.5 | 3000 | 7.2 | 3450 | 3/4" Hollow | 17        |

## **LEGACY HD PUMP - FOG NEMA SERIES**

**Legacy**<sub>HD</sub>

- Direct Couple-to-electric Motor
- 3/8 19 BSPP-F Inlet x 3/8-19 BSPP-F Outlet

■ Rated up to 149°F

■ NEMA 56C Frame



| PART NO.    | MODEL NO. | GPM | PSI  | HP  | RPM  | SHAFT       | WT (LBS.) |
|-------------|-----------|-----|------|-----|------|-------------|-----------|
| 8.754-501.0 | FOG1214R  | 1.2 | 1450 | 1.2 | 1740 | 5/8" Hollow | 12        |
| 8.754-502.0 | FOG1914R  | 1.9 | 1450 | 1.9 | 1740 | 5/8" Hollow | 12        |
| 8.754-503.0 | FOG2514R  | 2.5 | 1450 | 2.5 | 1740 | 5/8" Hollow | 12        |

#### **LEGACY HD PUMP - HY SERIES**

**Legacy**<sub>HD</sub>

- Direct Couple-to-gas Engine
- 1/2" Inlet x 3/8" Outlet
- Ideal for Hydraulic Motors





| PART NO.    | MODEL NO. | GPM | PSI  | HP  | RPM  | SHAFT       | WT (LBS.) |
|-------------|-----------|-----|------|-----|------|-------------|-----------|
| 8.754-984.0 | HY1515HYR | 4   | 2000 | 5.5 | 1450 | 5/8" Hollow | 16.75     |
| 8.754-985.0 | HY1520HYR | 4   | 3000 | 8.2 | 1450 | 5/8" Hollow | 16.75     |

## **LEGACY PUMP - TML SERIES**



- Belt Drive
- Rated up to 149°F
- 1/2" Inlet x 3/8" Outlet
- Industrial Triplex Plunger Pump with AI Connecting Rods

■ Compare to General Pumps: TS Series AR Pumps: RK Series

| PART NO.    | MODEL NO.           | GPM | PSI  | RPM  | SHAFT | WT (LBS.) |  |
|-------------|---------------------|-----|------|------|-------|-----------|--|
| 8.703-382.0 | TML-3053            | 5.3 | 3000 | 1450 | 24 mm | 18.9      |  |
| 8.703-457.0 | Pump Rail Set (Kit) |     |      |      |       |           |  |

Note: Can be run at 1750 RPM. Please note the pump ships without rails

## **LEGACY PUMP - TTV SERIES**



- Belt Drive
- Rated up to 149°F



- 3/4" Inlet x 3/8" Outlet
- Heavy industrial Triplex Plunger Pump with AI Connecting Rods
- Compare to General Pumps: TS Series AR Pumps: RK Series
- PART NO. **GPM** WT (LBS.) MODEL NO. PSI **RPM** SHAFT 8.703-387.0 TTV-3555 5.5 3500 1450 24 mm 18.9 8.703-388.0 TTV-3563 6.3 3500 1450 24 mm 20

Note: Can be run at 1750 RPM. Please note the pump ships without rails

#### **LEGACY PUMP - KKV SERIES**



- Belt Drive
- Rated up to 149°F

- 1" Inlet x 1/2" Outlet
- Heavy industrial Triplex Plunger Pump with AI Connecting Rods



| PART NO.    | MODEL NO. | GPM | PSI  | RPM  | SHAFT | WT (LBS.) |
|-------------|-----------|-----|------|------|-------|-----------|
| 8.703-391.0 | KKV-3087  | 8.7 | 3000 | 1725 | 30 mm | 39.6      |

Please note the pump ships without rails

## **LEGACY PUMP - WJG SERIES**

Legacy

- Direct Drive
- Rated up to 149°F
- SAE Flange

- 3/8" Inlet x 3/8" Outlet
- Triplex Plunger Pump with Bronze Connecting Rods

■ Compare to General Pumps: TS Series AR Pumps: XTV Series



| PART NO.    | MODEL NO. | GPM | PSI  | RPM  | SHAFT       | WT (LBS.) |
|-------------|-----------|-----|------|------|-------------|-----------|
| 8.703-342.0 | WJG-2525  | 2.5 | 2500 | 3450 | 3/4" Hollow | 13.2      |

## **LEGACY PUMP - WJH-F & WJH SERIES**

#### **WJH-F Series**

- Direct Drive
- Rated up to 149°F
- NEMA Flange
- 3/8" Inlet x 3/8" Outlet
- Triplex Plunger Pump with Bronze Connecting Rods
- Compare to General Pumps: TS Series AR Pumps: XTV Series

#### **WJH Series**

- Direct Drive
- Rated up to 149°F
- NEMA Flange
- 3/8" Inlet x 3/8" Outlet
- Triplex Plunger Pump with AI Connecting Rods
- Compare to General Pumps: T and TT Series AR Pumps: XTA Series



| PART NO.     | MODEL NO.  | GPM | PSI  | RPM  | SHAFT       | WT (LBS.) |
|--------------|------------|-----|------|------|-------------|-----------|
| WJH-F SERIES |            |     |      |      |             |           |
| 8.703-346.0  | WJH-2525-F | 2.5 | 2500 | 3450 | 5/8" Hollow | 13.2      |
| WJH SERIES   |            |     |      |      |             |           |
| 8.703-348.0  | WJH-2121   | 2.1 | 2100 | 1725 | 5/8" Hollow | 13.2      |
| 8.703-349.0  | WJH-2132   | 3.2 | 2100 | 1725 | 5/8" Hollow | 13.2      |

## **LEGACY PUMP - WMG SERIES**



- Direct Drive
- Rated up to 149°F
- SAE Flange

- 1/2" Inlet x 3/8" Outlet
- Triplex Plunger Pump with Bronze Connecting Rods
- Compare to General Pumps: TS Series AR Pumps: XMV Series

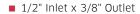


| PART NO.    | MODEL NO. | GPM | PSI  | RPM  | SHAFT       | WT (LBS.) |
|-------------|-----------|-----|------|------|-------------|-----------|
| 8.703-351.0 | WMG-2530  | 3.0 | 2500 | 3450 | 3/4" Hollow | 14.7      |

## **LEGACY PUMP - WMG 1 SERIES**

Legacy

- Direct Drive
- Rated up to 149°F
- SAE Flange



■ Premium Triplex Plunger Pump with Bronze Connecting Rods

■ Compare to General Pumps: TX Series AR Pumps: XMV Series



| PART NO.    | MODEL NO. | GPM | PSI  | RPM  | SHAFT     | WT (LBS.) |
|-------------|-----------|-----|------|------|-----------|-----------|
| 8.703-356.0 | WMG-3540  | 4.0 | 3500 | 3450 | 1" Hollow | 14.7      |

## **LEGACY PUMP - TMH SERIES**



- Direct Drive
- NEMA Flange
- 1/2" Inlet x 3/8" Outlet
- Rated up to 149°
- Industrial Triplex Plunger Pump with AI Connecting Rods

■ Compare to General Pumps: EZ Series

AR Pumps: RKA Series



| PART NO.    | MODEL NO. | GPM | PSI  | RPM  | SHAFT         | WT (LBS.) |
|-------------|-----------|-----|------|------|---------------|-----------|
| 8.703-375.0 | TMH-3035  | 3.5 | 3000 | 1725 | 1-1/8" Hollow | 18.9      |
| 8.703-376.0 | TMH-3040  | 4.0 | 3000 | 1725 | 1-1/8" Hollow | 18.9      |
| 8.703-377.0 | TMH-3050  | 5.0 | 3000 | 1725 | 1-1/8" Hollow | 18.9      |
| 8.703-378.0 | TMH-3055  | 5.5 | 3000 | 1725 | 1-1/8" Hollow | 18.9      |

## **LEGACY PUMP**





| PART NO.      | GPM | PSI  | RPM  | SHAFT | DESCRIPTION                    |
|---------------|-----|------|------|-------|--------------------------------|
| HORIZONTAL PU | IMP |      |      |       |                                |
| 8.930-514.0*  | 2.6 | 3000 | 3400 | 3/4"  |                                |
| VERTICAL PUMP | •   |      |      |       |                                |
| 8.925-069.0   | 2.6 | 3000 | 3400 | 7/8"  | With Garden Hose Fitting Inlet |

\*Note: Can be used to replace Comet pumps listed on page 232.

## **PUMP RAILS - LEGACY & LEGACY HD**



| PART NO.    | DESCRIPTION   |
|-------------|---|
| 8.900-757.0 | Rails for Models: KKV, TMH, TML, TTV, WJG, WJH, WJH-F, WMG, & WMG-1                                 |
| 8.717-577.0 | Rails for Models: FGP, FOG, GF, GB, GBP, GM, GP, GPP, GS, GT, GX, HFR, HY, NLT, & NMT               |
| 9.802-744.0 | Mounting Bolts for Models: FGP, FOG, GF, GB, GBP, GM, GP, GPP, GS, GT, GX, HFR, HHP, HY, NLT, & NMT |

## **LEGACY PUMP REPAIR KIT SELECTION CHART**

## Legacy

| PUMP MODEL SERIES | ММ | CHECK VALVE<br>KIT | PLUNGER ROD OIL<br>SEAL KIT | WATER SEAL(S) ONLY KIT | WATER SEALS(S)<br>BRASS RING KIT | VALVE CAP<br>KIT | ACCESSORY SEAL<br>KIT |
|-------------------|----|--------------------|-----------------------------|------------------------|----------------------------------|------------------|-----------------------|
| HDL               | 18 | Kit 93             | Kit 37                      | Kit 95                 | Kit 96                           | Kit 94           | Kit 98                |
| HG                | 15 | Kit 84             | Kit 64                      | Kit 129                | Kit 92                           | Kit 66           | N/A                   |
| KKV               | 22 | Kit 40             | Kit 37                      | Kit 90                 | Kit 87                           | Kit 132          | Kit 98                |
| KKV               | 25 | Kit 40             | Kit 37                      | Kit 91                 | Kit 88                           | Kit 100          | Kit 98                |
| KTV               | 20 | Kit 123            | Kit 37                      | Kit 89                 | Kit 86                           | Kit 99           | Kit 98                |
| TMG               | 15 | Kit 123            | Kit 65                      | Kit 74                 | Kit 69                           | Kit 67           | Kit 78                |
| ТМН               | 18 | Kit 123            | Kit 65                      | Kit 76                 | Kit 71                           | Kit 67           | Kit 78                |
| TML               | 18 | Kit 123            | Kit 65                      | Kit 76                 | Kit 71                           | Kit 67           | Kit 77                |
| TML-F             | 15 | Kit 123            | Kit 65                      | Kit 74                 | Kit 69                           | Kit 67           | Kit 77                |
| TMS               | 18 | Kit 123            | Kit 65                      | Kit 76                 | Kit 71                           | Kit 67           | Kit 77                |
| TTV               | 20 | Kit 123            | Kit 37                      | Kit 89                 | Kit 86                           | Kit 67           | Kit 127               |
| WJG               | 15 | Kit 84             | Kit 64                      | Kit 60                 | Kit 61                           | Kit 66           | Kit 82                |
| WJH-F             | 15 | Kit 84             | Kit 64                      | Kit 60                 | Kit 61                           | Kit 66           | Kit 82                |
| WJH               | 18 | Kit 84             | Kit 64                      | Kit 12                 | Kit 10                           | Kit 66           | Kit 82                |
| WMG-3/4"          | 15 | Kit 124            | Kit 64                      | Kit 73                 | Kit 68                           | Kit 67           | Kit 80                |
| WMG-1"            | 15 | Kit 124            | Kit 64                      | Kit 73                 | Kit 68                           | Kit 67           | Kit 79                |
| WMH-F             | 15 | Kit 124            | Kit 64                      | Kit 73                 | Kit 68                           | Kit 67           | Kit 80                |
| WMH               | 18 | Kit 63             | Kit 64                      | Kit 12                 | Kit 70                           | Kit 67           | Kit 80                |
| WML               | 18 | Kit 63             | Kit 64                      | Kit 12                 | Kit 70                           | Kit 67           | Kit 81                |

## **LEGACY PUMP REPAIR TOOL KIT**





9.802-954.0 pump repair tool kit shown.

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 9.802-954.0 | Legacy Pump Repair Tool Kit<br>(For all models expect GB, GP, GP1, GF)                 |
| 8.756-590.0 | Legacy Pump Repair Tool Kit for Normal Maintenance<br>(For models: GB, GP, GP1 and HY) |
| 8.756-717.0 | Legacy Pump Repair Tool Kit for Oil Seal Maintenace (For models: GB, GP, GP1 and HY)   |
| 8.758-163.0 | Legacy Packing & Pulling Pump Repair Tool Kit<br>(For models: GT.2 & GX.2)             |

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 9.802-564.0 | Guide, Oil Seal Inserter,<br>Plunger Rod GT-GX-GH        |
| 9.802-581.0 | Piston, Oil Seal Inserter,<br>Plunger Rod GT-GX-GH       |
| 9.802-580.0 | Piston, Oil Seal Inserter,<br>Plunger Rod GM-GD-GG-GE-GS |
| 9.802-563.0 | Guide, Oil Seal Inserter,<br>Plunger Rod GM-GD-GG-GE-GS  |
| 9.802-571.0 | Allen Wrench 8 mm,<br>Manifold Bolts GT-GX-GH            |
| 9.802-567.0 | Allen Wrench 6 mm,<br>Manifold Bolts GM-GD-GG-GE-GS      |
| 9.802-570.0 | Allen Wrench 5 mm,<br>Crankcase Cover                    |
| 9.802-565.0 | Guide, Oil Seal Inserter,<br>Crankshaft GT-GX-GH         |
| 9.802-566.0 | Guide, Oil Seal Insert,<br>Crankshaft GM-GD-GG-GE-GS     |
| 9.802-568.0 | Piston Seal Extractor                                    |

| PART NO.    | DESCRIPTION                                      |
|-------------|--|
| 9.802-579.0 | Piston, Seal Inserter,<br>Manifold GM-GS         |
| 9.802-573.0 | Guide, Seal Inserter,<br>Manifold GM-GS          |
| 9.802-578.0 | Piston, Seal Inserter, Manifold GT               |
| 9.802-572.0 | Guide, Seal Inserter, Manifold GT                |
| 8.751-396.0 | Guide, Seal Inserter,<br>Manifold GD-GE-GG       |
| 8.751-404.0 | Guide, Seal Inserter,<br>Manifold GX5050         |
| 8.751-397.0 | Piston, Seal Inserter,<br>ManifoldGD-GE-GG-GH-GX |
| 8.751-405.0 | Guide, Seal Inserter,<br>Manifold GH-GX          |
| 9.802-569.0 | Hammer, Plastic Head                             |
| 8.751-403.0 | Screwdriver Flathead                             |
| 9.802-574.0 | Box, Plastic Tool Box                            |

# **LEGACY PUMP REPAIR KITS**



| PART NO.    | KIT NO. | DESCRIPTION   | NO. OF PIECES | QTY NEEDED PER PUMP |
|-------------|---------|---|---------------|---------------------|
| 8.703-458.0 | Kit 10  | WJH Packing / Header / Brass Assy, 18 mm                                      | 21            | 1                   |
| 8.703-459.0 | Kit 12  | WM - H&L Packing Kit WJH Packing / Header only, 18 mm                         | 15            | 1                   |
| 9.803-041.0 | Kit 22  | APR.S Unloader Seal(s) Kit  | 14            | 1                   |
| 8.703-461.0 | Kit 37  | TTV-KTV-HDL Plunger Oil Seal Kit  | 3             | 1                   |
| 8.703-462.0 | Kit 40  | KKV Check Valves / O-ring Kit   | 12            | 1                   |
| 8.932-979.0 | Kit 42  | APR.S Unloader Valve Seal Kit   | 3             | 1                   |
| 8.900-701.0 | Kit 60  | V-Packing, 15 mm Legacy Pump WJH, WJH -<br>F&G Packing / Header only, 15 mm   | 12            | 1                   |
| 8.900-702.0 | Kit 61  | Complete Plunger Set 15 mm 18 PX WJH -<br>F&G Packing / Header / Brass, 15 mm | 18            | 1                   |
| 8.703-464.0 | Kit 63  | WMH&L Check Valve / O-ring Kit  | 12            | 1                   |
| 8.703-465.0 | Kit 64  | HG / WJ / WM Plunger Oil Seal Kit   | 3             | 1                   |
| 8.703-466.0 | Kit 65  | TM Plunger Oil Seal Kit   | 3             | 1                   |
| 8.703-467.0 | Kit 66  | HG / WJ Valve Cap / O-ring, M18 x 1.5 Kit                                     | 12            | 1                   |
| 8.703-468.0 | Kit 67  | WM / TM / TTV Valve Cap / O-ring, M27 x 1.5                                   | 12            | 1                   |
| 8.703-469.0 | Kit 68  | WM - F&G Packing / Brass Assy Kit, 15 mm                                      | 21            | 1                   |
| 8.703-470.0 | Kit 69  | TM - F&G Packing / Brass Assy, 15 mm  | 21            | 1                   |
| 8.703-471.0 | Kit 70  | WM - H&L Packing / Brass Assy Kit, 18 mm                                      | 21            | 1                   |
| 8.703-472.0 | Kit 71  | TM - H&L Packing / Brass Assy Kit, 18 mm                                      | 24            | 1                   |
| 8.703-456.0 | Kit 72  | WML Pump Rail Kit (Foot, Spacer, Bolt)  | 8             | 1                   |
| 8.703-474.0 | Kit 73  | WM - F&G Packing only Kit, 15 mm  | 15            | 1                   |
| 8.703-475.0 | Kit 74  | TM - F&G Packing only Kit, 15 mm  | 15            | 1                   |
| 8.703-476.0 | Kit 76  | TM - H&L Packing only Kit, 18 mm  | 18            | 1                   |
| 8.703-479.0 | Kit 79  | WM-G 1" Accessory Seals Kit   | 8             | 1                   |
| 8.703-483.0 | Kit 84  | HG / WJ Check Valve / O-ring  | 12            | 1                   |
| 8.703-485.0 | Kit 86  | TTV-KTV Packing / Brass Assy Kit, 20 mm                                       | 24            | 1                   |
| 8.703-486.0 | Kit 87  | KKV Packing / Brass Assy Kit, 22 mm   | 24            | 1                   |
| 8.703-488.0 | Kit 89  | TTV-KTV Packing only Kit, 20 mm   | 18            | 1                   |
| 8.703-489.0 | Kit 90  | KKV Packing only Kit L90, 22 mm   | 18            | 1                   |
| 8.703-492.0 | Kit 93  | HDL Check Valve / O-ring  | 12            | 1                   |
| 8.703-493.0 | Kit 94  | HDL Valve Containment Kit L94   | 24            | 1                   |
| 8.900-703.0 | Kit 95  | HDL Packing only Kit L90, 18 mm   | 18            | 1                   |
| 8.703-494.0 | Kit 96  | HDL Packing / Brass Assy Kit, 18 mm   | 24            | 1                   |
| 8.703-498.0 | Kit 123 | TM-TTV-KTV Check Valve / O-ring Kit   | 12            | 1                   |
| 8.703-499.0 | Kit 124 | WM - F&G Check Valve / O-ring Kit   | 12            | 1                   |
| 8.703-501.0 | Kit 127 | TTV Accessory Oil Seal Kit  | 10            | 1                   |
| 8.703-502.0 | Kit 129 | HG Packing only Kit, 15 mm  | 12            | 1                   |

# **ADMIRAL PUMP REPAIR KITS**

For the following Admiral pumps: WE Series, XD Series, XLS Series, CA Series, WG Series, XLE Series, XLG Series, IB Series.

| PART NO.    | KIT NO.  | DESCRIPTION   | QTY NEEDED PER PUMP |
|-------------|----------|---|---------------------|
| 8.900-631.0 | Kit AP1  | Check Valves<br>(for WE, WG, WEL, XL Series, XD Small Brass Head)           | 1                   |
| 8.900-632.0 | Kit AP2  | Brass Valve Covers<br>(for WE, WG, WEL Series and XD Small Brass Head)      | 1                   |
| 8.900-633.0 | Kit AP4  | Oil Seals 15 mm Plunger Rod<br>(for WE, WG and WEL Series)                  | 1                   |
| 8.900-634.0 | Kit AP5  | Oil Seals 18 mm Plunger Rod<br>(for XL Series)                              | 1                   |
| 8.900-636.0 | Kit AP7  | Male Adapter Rings, 18 mm<br>(for WEL, XLE and XLS Series)                  | 1                   |
| 8.900-637.0 | Kit AP8  | V-Packing Seals, 18 mm<br>(for WE and WG Series)                            | 1                   |
| 8.900-643.0 | Kit AP14 | Brass Packing Gland, Two Piece, 18 mm<br>(For XLE and XLS Series)           | 1                   |
| 8.900-644.0 | Kit AP15 | V-Packing Seals, Two Piece, 18 mm<br>(for XLE and XLS Series)               | 1                   |
| 8.900-645.0 | Kit AP16 | Super U-Packing Seals, 18 mm<br>(for XLG Series only)                       | 1                   |
| 8.900-646.0 | Kit AP17 | Complete Plunger Seal, Two Piece, 18 mm (for XLE and XLS Series)            | 3                   |
| 8.900-647.0 | Kit AP18 | Complete Plunger Seal, Super-U, 18 mm (for XLG Series only)                 | 3                   |
| 8.900-648.0 | Kit AP19 | Brass Packing Gland, Super-U, 18 mm<br>(for XLG Series only)                | 1                   |
| 8.900-652.0 | Kit AP23 | Low Pressure Seals, 18 mm<br>(for XL Series)                                | 1                   |
| 8.900-653.0 | Kit AP24 | V-Packing Seals, 15 mm, Two Piece<br>(for WE-T and WG-T Series)             | 1                   |
| 8.900-654.0 | Kit AP25 | V-Packing Seals, 18 mm, Two Piece<br>(for WE-T Series only)                 | 1                   |
| 8.900-657.0 | Kit AP28 | Complete Plunger Seal, 15 mm, Two Piece<br>(for WE-T and WG-T Series)       | 3                   |
| 8.900-666.0 | Kit AP38 | "Super U" Packing<br>(for XD 20 mm)   | 1                   |
| 8.900-676.0 | Kit AP52 | Check Valve Assemblies<br>(for IB-1000 Series and CA Series)                | 1                   |
| 8.900-680.0 | Kit AP57 | Male Adapter Rings, 45 mm<br>(for IB-1000 Series C and CA Series)           | 1                   |
| 8.900-682.0 | Kit AP59 | V-Packing Seals, 45 mm<br>(for IB-1000 Series C and CA Series)              | 1                   |
| 8.900-683.0 | Kit AP61 | Glands (45 mm), Brass Packing<br>(for IB-1019, 1032, 1037, C and CA Series) | 1                   |

# **LEGACY HD PUMP REPAIR KIT SELECTION CHART**

FOR Legacy<sub>HD</sub>

Use the selection chart below and on the following 2 pages to find the correct and quantity repair kits needed for a specific Legacy HD Pump Model.

| PUMP MODEL | SEAL KIT<br>(QTY / PUMP) | COMPLETE SEAL KIT<br>(QTY / PUMP) | CERAMIC PLUNGER KIT<br>(QTY / PUMP) | VALVE KIT<br>(QTY / PUMP) | PLUNGER OIL SEAL KIT<br>(QTY / PUMP) |
|------------|--------------------------|-----------------------------------|-------------------------------------|---------------------------|--------------------------------------|
| FOG0614R   | N/A                      | 8.754-575.0 (3)                   | 8.754-576.0 (3)                     | 8.754-577.0 (6)           | 8.754-578.0 (1)                      |
| FOG1214R   | N/A                      | 8.754-575.0 (3)                   | 8.754-576.0 (3)                     | 8.754-577.0 (6)           | 8.754-578.0 (1)                      |
| FOG1914R   | N/A                      | 8.754-575.0 (3)                   | 8.754-576.0 (3)                     | 8.754-577.0 (6)           | 8.754-578.0 (1)                      |
| FOG2514R   | N/A                      | 8.754-575.0 (3)                   | 8.754-576.0 (3)                     | 8.754-577.0 (6)           | 8.754-578.0 (1)                      |
| GB3030L    | 8.754-856.0 (1)          | 8.758-081.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GB3030R    | 8.754-856.0 (1)          | 8.758-081.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GB4025L    | 8.754-856.0 (1)          | 8.758-081.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GB4025R    | 8.754-856.0 (1)          | 8.758-081.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GBP3030R   | 8.759-015.0 (1)          | 8.929-348.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GBP3030L   | 8.759-015.0 (1)          | 8.929-348.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GBP4025R   | 8.759-015.0 (1)          | 8.929-348.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GD3025     | 8.725-356.0 (1)          | 8.725-357.0 (3)                   | 9.803-935.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GD3030     | 8.725-354.0 (1)          | 8.725-355.0 (3)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GD4020.1   | 8.725-356.0 (1)          | 8.725-357.0 (3)                   | 9.803-935.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GE2020F.1  | 8.725-354.0 (1)          | 8.725-355.0 (3)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GE2020S.1  | 8.725-356.0 (1)          | 8.725-357.0 (3)                   | 9.803-935.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GE2825F.1  | 8.725-354.0 (1)          | 8.725-355.0 (3)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GE2825S.1  | 8.725-356.0 (1)          | 8.725-357.0 (3)                   | 9.803-935.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GE3525F.1  | 8.725-354.0 (1)          | 8.725-355.0 (3)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GF2030F    | 8.754-860.0 (1)          | 8.725-357.0 (3)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GF2030S    | 8.754-856.0 (1)          | 8.725-355.0 (3)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GF2830F    | 8.754-860.0 (1)          | 8.758-083.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GF2830S    | 8.754-856.0 (1)          | 8.758-081.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GF3530F    | 8.754-860.0 (1)          | 8.758-0830 (1)                    | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GFP2030S   | 8.759-015.0 (1)          | 8.929-348.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GFP2830S   | 8.759-015.0 (1)          | 8.929-348.0 (1)                   | 8.754-858.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GFP3530F   | 8.759-031.0 (1)          | 8.758-218.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GG2530G.1  | 8.725-354.0 (1)          | 8.758-081.0 (1)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GG3030G.1  | 8.725-354.0 (1)          | 8.758-083.0 (1)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GG3035G1.1 | 8.725-354.0 (1)          | 8.725-355.0 (3)                   | 9.803-934.0 (3)                     | 9.803-936.0 (1)           | 9.803-937.0 (1)                      |
| GG4030G1.1 | 8.725-354.0 (1)          | 8.725-355.0 (3)                   | 9.803-934.0 (3)                     | 9.802-604.0 (1)           | 9.802-606.0 (1)                      |
| GH5050     | 9.804-492.0 (1)          | 9.804-493.0 (3)                   | 9.802-629.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM3540.2   | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM3540.3   | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM4030.2   | 8.725-362.0 (1)          | 8.758-086.0 (1)                   | 9.802-620.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM4030.3   | 8.725-362.0 (1)          | 8.758-086.0 (1)                   | 8.751-238.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM4035.2   | 8.725-360.0 (1)          | 8.758-085.0 (1)                   | 9.802-629.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM4035.3   | 8.725-360.0 (1)          | 8.758-085.0 (1)                   | 8.751-237.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM5030.2   | 8.725-362.0 (1)          | 8.758-086.0 (1)                   | 9.802-620.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM6035.2   | 8.725-360.0 (1)          | 8.758-085.0 (1)                   | 9.802-629.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GM6035.3   | 8.725-360.0 (1)          | 8.758-085.0 (1)                   | 8.751-237.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GP2535G    | 8.754-860.0 (1)          | 8.758-083.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GP3035G    | 8.754-860.0 (1)          | 8.758-083.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GP3035G1   | 8.754-860.0 (1)          | 8.758-083.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |

# **LEGACY HD PUMP REPAIR KIT SELECTION CHART (CONTINUED)**

FOR Legacy<sub>HD</sub>

Use the selection chart below and on the preceeding and following page to find the correct and quantity repair kits needed for a specific Legacy HD Pump Model.

| PUMP MODEL | SEAL KIT<br>(QTY / PUMP) | COMPLETE SEAL KIT<br>(QTY / PUMP) | CERAMIC PLUNGER KIT<br>(QTY / PUMP) | VALVE KIT<br>(QTY / PUMP) | PLUNGER OIL SEAL KIT<br>(QTY / PUMP) |
|------------|--------------------------|-----------------------------------|-------------------------------------|---------------------------|--------------------------------------|
| GP3535G1   | 8.754-860.0 (1)          | 8.758-083.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GP4035G1   | 8.754-860.0 (1)          | 8.758-083.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GPP2535G   | 8.759-031.0 (1)          | 8.758-218.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GPP3035G   | 8.759-031.0 (1)          | 8.758-218.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GPP3035G1  | 8.759-031.0 (1)          | 8.758-218.0 (1)                   | 8.754-862.0 (3)                     | 8.754-859.0 (1)           | 9.803-937.0 (1)                      |
| GS3040G.2  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS3040G.3  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS3540G.2  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS3540G.3  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS4040G.2  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS4040G.3  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS5030G.2  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GS5030G.3  | 8.725-358.0 (1)          | 8.758-087.0 (1)                   | 8.933-023.0 (3)                     | 9.802-603.0 (1)           | 9.802-609.0 (1)                      |
| GT4540.2L  | 8.753-821.0 (1)          | 8.758-061.0 (1)                   | 8.753-823.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |
| GT4540.2R  | 8.753-821.0 (1)          | 8.758-061.0 (1)                   | 8.753-823.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |
| GT5635.1   | 8.916-488.0 (1)          | 8.916-322.0 (3)                   | 9.802-607.0 (3)                     | 9.802-603.0 (1)           | 9.802-606.0 (1)                      |
| GT5636.2L  | 8.753-821.0 (1)          | 8.758-061.0 (1)                   | 8.753-823.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |
| GT5636.2R  | 8.753-821.0 (1)          | 8.758-061.0 (1)                   | 8.753-823.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |
| GT6036.2L  | 8.753-821.0 (1)          | 8.758-061.0 (1)                   | 8.753-823.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |
| GT6036.2R  | 8.753-821.0 (1)          | 8.758-061.0 (1)                   | 8.753-823.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |
| GX1025.1   | 8.725-364.0 (1)          | 8.725-365.0 (3)                   | 9.802-614.0 (3)                     | 9.802-608.0 (1)           | 9.802-606.0 (1)                      |
| GX1036.2L  | 8.916-487.0(1)           | 8.757-937.0 (1)                   | 8.752-839.0 (3)                     | 8.753-349.0 (1)           | 9.802-606.0 (1)                      |
| GX1036.2R  | 8.916-487.0 (1)          | 8.757-937.0 (1)                   | 8.752-839.0 (3)                     | 8.753-349.0 (1)           | 9.802-606.0 (1)                      |
| GX1225.1   | 8.725-364.0 (1)          | 8.725-365.0 (3)                   | 9.802-614.0 (3)                     | 9.802-608.0 (1)           | 9.802-606.0 (1)                      |
| GX1622.2L  | 8.752-845.0 (1)          | 8.757-938.0 (1)                   | 8.752-840.0 (3)                     | 8.717-589.0 (1)           | 9.802-606.0 (1)                      |
| GX1622.2R  | 8.752-845.0 (1)          | 8.757-937.0 (1)                   | 8.752-840.0 (3)                     | 8.717-589.0 (1)           | 9.802-606.0 (1)                      |
| GX5450L    | 8.753-512.0 (1)          | 8.757-939.0 (1)                   | 8.753-514.0 (3)                     | 8.753-515.0 (1)           | 9.802-606.0 (1)                      |
| GX5450R    | 8.753-512.0 (1)          | 8.757-939.0 (1)                   | 8.753-514.0 (3)                     | 8.753-515.0 (1)           | 9.802-606.0 (1)                      |
| GX8030.1   | 8.725-364.0 (1)          | 8.725-365.0 (3)                   | 9.802-614.0 (3)                     | 9.802-608.0 (1)           | 9.802-606.0 (1)                      |
| GX8043R.2  | 8.916-488.0 (1)          | 8.757-936.0 (1)                   | 8.752-838.0 (3)                     | 8.753-349.0 (1)           | 9.802-606.0 (1)                      |
| GX9536.2L  | 8.916-487.0 (1)          | 8.757-937.0 (1)                   | 8.752-839.0 (3)                     | 8.753-349.0 (1)           | 9.802-606.0 (1)                      |
| GX9536.2R  | 8.916-487.0 (1)          | 8.757-937.0 (1)                   | 8.752-839.0 (3)                     | 8.753-349.0 (1)           | 9.802-606.0 (1)                      |
| HFR105SL   | 8.754-245.0 (1)          | 8.754-244.0 (3)                   | 8.754-242.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR105SR   | 8.754-245.0 (1)          | 8.754-244.0 (3)                   | 8.754-242.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR120SL   | 8.754-245.0 (1)          | 8.754-244.0 (3)                   | 8.754-242.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR120SL   | 8.754-245.0 (1)          | 8.754-244.0 (3)                   | 8.754-242.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR40FL    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR40FR    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR40SL    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR40SR    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR60FL    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR60FR    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR60SL    | 8.754-231.0 (1)          | 8.754.232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR60SR    | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |

# **LEGACY HD PUMP REPAIR KIT SELECTION CHART (CONTINUED)**

FOR Legacy<sub>HD</sub>

Use the selection chart below and on the preceeding 2 pages to find the correct and quantity repair kits needed for a specific Legacy HD Pump Model.

| PUMP MODEL  | SEAL KIT<br>(QTY / PUMP) | COMPLETE SEAL KIT<br>(QTY / PUMP) | CERAMIC PLUNGER KIT<br>(QTY / PUMP) | VALVE KIT<br>(QTY / PUMP) | PLUNGER OIL SEAL KIT<br>(QTY / PUMP) |
|-------------|--------------------------|-----------------------------------|-------------------------------------|---------------------------|--------------------------------------|
| HFR80FL     | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-234.0 (1)           | 8.754-235.0 (1)                      |
| HFR80FR     | 8.754-231.0 (1)          | 8.754-232.0 (3)                   | 8.754-233.0 (3)                     | 8.754-234.0 (1)           | 8.754-235.0 (1)                      |
| HFR80SL     | 8.754-245.0 (1)          | 8.754-244.0 (3)                   | 8.754-242.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HFR80SR     | 8.754-245.0 (1)          | 8.754-244.0 (3)                   | 8.754-242.0 (3)                     | 8.754-243.0 (1)           | 8.754-235.0 (1)                      |
| HHP25SL     | 8.754-236.0 (1)          | 8.754-237.0 (3)                   | 8.754-246.0 (1)                     | 8.754-241.0 (1)           | 8.754-235.0 (1)                      |
| HHP25SR     | 8.754-236.0 (1)          | 8.754-237.0 (3)                   | 8.754-246.0 (1)                     | 8.754-241.0 (1)           | 8.754-235.0 (1)                      |
| HHP2750R    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP30SL     | 8.754-236.0 (1)          | 8.754-237.0 (3)                   | 8.754-246.0 (1)                     | 8.754-241.0 (1)           | 8.754-235.0 (1)                      |
| HHP30SR     | 8.754-236.0 (1)          | 8.754-237.0 (3)                   | 8.754-246.0 (1)                     | 8.754-241.0 (1)           | 8.754-235.0 (1)                      |
| HHP3650L    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP3650R    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP38FL     | 8.754-236.0 (1)          | 8.754-237.0 (3)                   | 8.754-246.0 (1)                     | 8.755-233.0 (1)           | 8.754-235.0 (1)                      |
| HHP38FR     | 8.754-236.0 (1)          | 8.754-237.0 (3)                   | 8.754-246.0 (1)                     | 8.755-233.0 (1)           | 8.754-235.0 (1)                      |
| HHP4150L    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP4150R    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP5040L    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP5040R    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HHP5750L    | 8.754-236.0 (1)          | 8.754-240.0 (3)                   | 8.754-246.0 (1)                     | 8.754-247.0 (1)           | 8.754-235.0 (1)                      |
| HY1515      | 8.754-980.0 (1)          | 8.754-981.0 (3)                   | 8.754-983.0 (1)                     | 8.754-577.0 (1)           | 9.803-937.0 (1)                      |
| HY1520      | 8.754-980.0 (1)          | 8.754-981.0 (3)                   | 8.754-983.0 (1)                     | 8.754-577.0 (1)           | 9.803-937.0 (1)                      |
| NMT1520CWR  | 8.754-252.0 (1)          | 8.754-253.0 (3)                   | 8.754-248.0 (1)                     | 9.802-603.0 (1)           | 8.754-261.0 (1)                      |
| NMT1520SCWR | 8.754-252.0 (1)          | 8.754-253.0 (3)                   | 8.754-248.0 (1)                     | 9.802-603.0 (1)           | 8.754-261.0 (1)                      |
| NMT2120CWR  | 8.754-252.0 (1)          | 8.754-253.0 (3)                   | 8.754-248.0 (1)                     | 9.802-603.0 (1)           | 8.754-261.0 (1)                      |
| NMT2120ESR  | 8.754-239.0 (1)          | 8.754-229.0 (3)                   | 8.754-256.0 (1)                     | 8.754-230.0 (6)           | 8.754-261.0 (1)                      |
| NLT2525S    | 8.916-488.0 (1)          | 8.755-740.0 (3)                   | 8.752-838.0 (3)                     | 8.753-824.0 (1)           | 9.802-606.0 (1)                      |

# **LEGACY HD PUMP REPAIR - SEAL KITS**



| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.725-354.0 | 1                   |
| 8.725-356.0 | 1                   |
| 8.725-358.0 | 1                   |
| 8.725-360.0 | 1                   |
| 8.725-362.0 | 1                   |
| 8.725-364.0 | 1                   |
| 8.752-843.0 | 1                   |
| 8.916-487.0 | 1                   |
| 8.752-845.0 | 1                   |
| 8.753-512.0 | 1                   |
| 8.753-821.0 | 1                   |
| 8.754-231.0 | 1                   |
|             |                     |

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.754-236.0 | 1                   |
| 8.754-239.0 | 1                   |
| 8.754-245.0 | 1                   |
| 8.754-252.0 | 1                   |
| 8.754-856.0 | 1                   |
| 8.754-860.0 | 1                   |
| 8.754-980.0 | 1                   |
| 8.759-015.0 | 1                   |
| 8.759-031.0 | 1                   |
| 8.916-488.0 | 1                   |
| 9.804-492.0 | 1                   |

# **LEGACY HD PUMP REPAIR - COMPLETE KITS**

FOR Legacy<sub>HD</sub>

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.725-355.0 | 3                   |
| 8.725-357.0 | 3                   |
| 8.725-365.0 | 3                   |
| 8.758-061.0 | 1                   |
| 8.754.232.0 | 3                   |
| 8.754-229.0 | 3                   |
| 8.754-237.0 | 3                   |
| 8.754-240.0 | 3                   |
| 8.754-244.0 | 3                   |
| 8.754-253.0 | 3                   |
| 8.754-575.0 | 3                   |
| 8.754-981.0 | 3                   |
| 8.755-740.0 | 3                   |
| 8.757-936.0 | 1                   |
|             | -                   |

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.757-937.0 | 1                   |
| 8.757-938.0 | 1                   |
| 8.757-939.0 | 1                   |
| 8.758-061.0 | 1                   |
| 8.758-081.0 | 1                   |
| 8.758-083.0 | 1                   |
| 8.758-085.0 | 1                   |
| 8.758-086.0 | 1                   |
| 8.758-087.0 | 1                   |
| 8.758-218.0 | 1                   |
| 8.916-322.0 | 3                   |
| 8.929-348.0 | 1                   |
| 9.804-493.0 | 3                   |

# **LEGACY HD PUMP REPAIR - CERAMIC PLUNGER KITS**

FOR Legacy<sub>HD</sub>

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.751-237.0 | 3                   |
| 8.751-238.0 | 3                   |
| 8.752-838.0 | 3                   |
| 8.752-839.0 | 3                   |
| 8.752-840.0 | 3                   |
| 8.753-514.0 | 3                   |
| 8.753-823.0 | 3                   |
| 8.754-233.0 | 3                   |
| 8.754-242.0 | 3                   |
| 8.754-246.0 | 1                   |
| 8.754-248.0 | 1                   |
| 8.754-256.0 | 1                   |

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.754-576.0 | 3                   |
| 8.754-858.0 | 3                   |
| 8.754-862.0 | 3                   |
| 8.754-983.0 | 3                   |
| 8.933-023.0 | 3                   |
| 9.802-607.0 | 3                   |
| 9.802-614.0 | 3                   |
| 9.802-620.0 | 3                   |
| 9.802-629.0 | 3                   |
| 9.803-934.0 | 3                   |
| 9.803-935.0 | 3                   |

# **LEGACY HD PUMP REPAIR - VALVE KITS**

FOR Legacy<sub>HD</sub>

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.717-589.0 | 1                   |
| 8.753-349.0 | 1                   |
| 8.753-515.0 | 1                   |
| 8.753-824.0 | 1                   |
| 8.754-230.0 | 6                   |
| 8.758-229.0 | 1                   |
| 8.754-241.0 | 1                   |
| 8.754-243.0 | 1                   |

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.758-23.0  | 1                   |
| 8.754-577.0 | 6                   |
| 8.754-859.0 | 1                   |
| 9.802-603.0 | 1                   |
| 9.802-604.0 | 1                   |
| 9.802-608.0 | 1                   |
| 9.803-936.0 | 1                   |

# **LEGACY HD PUMP REPAIR - PLUNGER OIL SEAL KITS**

FOR Legacy<sub>HD</sub>

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.752-835.0 | 1                   |
| 9.802-606.0 | 1                   |
| 8.754-235.0 | 1                   |
| 8.754-261.0 | 1                   |

| PART NO.    | QTY NEEDED PER PUMP |
|-------------|---------------------|
| 8.754-578.0 | 1                   |
| 9.802-606.0 | 1                   |
| 9.802-609.0 | 1                   |
| 9.803-937.0 | 1                   |

# **INTERPUMP / GENERAL PUMP - SOLID-SHAFT PUMPS**









8.702-629.0 8.702-635.0 8.702-703.0

| PART NO.     | MODEL NO. | INTERPUMP<br>MODEL NO. | GP<br>MODEL NO. | GPM  | PSI  | RPM  | SHAFT DIA |
|--------------|-----------|------------------------|-----------------|------|------|------|-----------|
| 8.753-482.0  |           |                        | TSS1021         | 5.6  | 1700 | 1450 | 24 mm     |
| 8.753-483.0  |           |                        | TSS1511         | 4.0  | 3500 | 1450 | 24 mm     |
| 8.702-629.0  | 102048    | WS92                   | TS921           | 5.9  | 1800 | 1450 | 24 mm     |
| 9.802-358.0  | 102052    | W99                    | T991            | 3.5  | 1500 | 1450 | 24 mm     |
| 8.702-625.0  | 102046    | W92                    | T921            | 5.0  | 1700 | 1050 | 24 mm     |
| 8.702-622.0  | 102042    | WS82                   | TS821           | 5.6  | 1500 | 1450 | 24 mm     |
| 8.702-636.0  | 102058    | WS101                  | TS1011          | 4.0  | 2000 | 1450 | 24 mm     |
| 8.702-635.0  | 102056    | W101                   | T1011           | 4.5  | 2000 | 1125 | 24 mm     |
| 8.702-646.0  | 102076    | WS133                  | TS1331          | 3.5  | 2100 | 1450 | 24 mm     |
| 8.702-645.0  | 102074    | WS132                  | TS1321          | 4.75 | 2100 | 1450 | 24 mm     |
| 8.702-643.0  | 102072    | W132                   | T1321           | 5.5  | 2100 | 1150 | 24 mm     |
| 8.702-650.0  | 102084    | WS151                  |                 | 4.0  | 3500 | 1450 | 24 mm     |
| 8.702-649.0  | 102082    | W151                   | T1511           | 4.5  | 2500 | 1125 | 24 mm     |
| 8.702-654.0  | 102088    | W162                   | T1621           | 5.0  | 2500 | 1050 | 24 mm     |
| 8.702-665.0  | 102105    | W201                   | T2011           | 4.5  | 3000 | 1125 | 24 mm     |
| 8.702-667.0  | 102110    | WS201                  | TS2011          | 4.0  | 3000 | 1450 | 24 mm     |
| 8.702-670.0  | 102115G   | WS202                  | TS2021          | 4.5  | 3500 | 1125 | 24 mm     |
| 8.702-701.0  | 102170    | W995                   | T9951           | 3.4  | 1300 | 1750 | 24 mm     |
| 8.702-702.0  | 102174    | W996                   | T9961           | 4.0  | 1100 | 1750 | 24 mm     |
| 8.702-703.0  | 102176    | W997                   | T9971           | 4.0  | 2000 | 1750 | 24 mm     |
| 8.702-686.0  | 102135    | W912                   | T9121           | 4.75 | 1500 | 1750 | 24 mm     |
| 8.702-687.0  | 102140    | W913                   | T9131           | 4.0  | 1900 | 1750 | 24 mm     |
| 8.702-690.0  | 102150    | W921                   | T9211           | 4.0  | 2900 | 1750 | 24 mm     |
| 8.702-693.0  | 102152    | W928                   | T9281           | 4.0  | 4000 | 1750 | 24 mm     |
| 8.702-695.0  | 102154    | T5050                  | T5050           | 5.0  | 5000 | 1845 | 24 mm     |
| 8.702-661.0  | 102097    | -                      | TT9111          | 3.0  | 1500 | 1750 | 24 mm     |
| 8.702-630.0  | 102049    | WW93                   | TT931           | 2.9  | 1500 | 2800 | 24 mm     |
| 8.702-628.0  | 102047    | WW94                   | TT941           | 3.43 | 1300 | 2800 | 24 mm     |
| 8.702-685.0  | 102134    | WW935                  | TT9351          | 3.5  | 2500 | 3400 | 24 mm     |
| 8.702-663.0  | 102102    | WW944                  | TT9441          | 4.4  | 2500 | 3400 | 24 mm     |
| *Duplex Pump |           |                        |                 |      |      |      |           |

# **INTERPUMP / GENERAL PUMP - TX SOLID-SHAFT PUMP**







| PART NO.    | MODEL NO. | GPM | PSI  | RPM  | SHAFT DIA |
|-------------|-----------|-----|------|------|-----------|
| 8.702-741.0 | TX1510S34 | 4.0 | 3000 | 3400 | 24 mm     |

# INTERPUMP / GENERAL PUMP - SERIES "44" (EZ SERIES) SOLID-SHAFT PUMP







| PART NO.    | INTERPUMP<br>MODEL NO. | GP<br>MODEL NO. | GPM | PSI  | RPM  | SHAFT DIA |
|-------------|------------------------|-----------------|-----|------|------|-----------|
| 8.702-766.0 | W956                   | EZ2536S         | 3.6 | 2500 | 1750 | 24 mm     |
| 8.702-768.0 | W959                   | EZ2542S         | 4.2 | 2500 | 1750 | 24 mm     |
| 8.702-773.0 | W186                   | EZ3040S         | 4.0 | 3000 | 3400 | 24 mm     |
| 8.702-782.0 | -                      | EZ4040S34       | 4.0 | 4000 | 3400 | 24 mm     |

Note: For Direct-Drive Mounting see flanges on page 236

# **INTERPUMP / GENERAL PUMP - TSF SOLID-SHAFT PUMP**







| PART NO.    | MODEL NO. | GPM  | PSI  | RPM  | SHAFT DIA |
|-------------|-----------|------|------|------|-----------|
| 8.702-740.0 | TSF2021   | 7.0  | 3600 | 1450 | 24 mm     |
| 8.702-736.0 | TSF2221   | 10.2 | 3000 | 1750 | 24 mm     |
| 8.702-737.0 | TSF2421   | 12.0 | 2500 | 1750 | 24 mm     |
| 8.702-790.0 | TSF2219   | 7.7  | 3000 | 1450 | 24 mm     |

# **INTERPUMP / GENERAL PUMP - LARGE FRAME SOLID-SHAFT PUMP**







| PART NO.    | INTERPUMP<br>MODEL NO. | GP<br>MODEL NO. | GPM  | PSI  | RPM  | SHAFT DIA |
|-------------|------------------------|-----------------|------|------|------|-----------|
| 8.702-612.0 | W4A                    | T41A            | 12.0 | 900  | 650  | 35 mm     |
| 8.702-640.0 | WS104                  | TS1041          | 8.0  | 1600 | 1450 | 35 mm     |
| 8.702-652.0 | WS153                  | TS1531          | 8.0  | 2175 | 1450 | 35 mm     |

# **INTERPUMP / GENERAL PUMP - CAR WASH SOLID-SHAFT PUMP**







| PART NO.    | MODEL NO. | GPM  | PSI  | RPM  | SHAFT DIA | SHIP WT |
|-------------|-----------|------|------|------|-----------|---------|
| 8.702-754.0 | CW2040    | 5.0  | 2500 | 1250 | 24 mm     | 30 lbs. |
| 8.702-745.0 | CW3040    | 5.0  | 3000 | 1250 | 24 mm     | 32 lbs. |
| 9.107-630.0 | HTCK3623S | 21.0 | 1500 | 1150 | 30 mm     | 80 lbs. |

# **INTERPUMP / GENERAL PUMP - HOLLOW-SHAFT**



■ Direct Drive



8.702-711.0



■ Flanged for direct couple to gasoline or electric motors

| PART NO.                  | INTERPUMP<br>MODEL NO. | GP<br>MODEL NO. | GPM | PSI  | RPM  | SHAFT DIA |  |  |  |
|---------------------------|------------------------|-----------------|-----|------|------|-----------|--|--|--|
| COUPLE TO GASOLINE MOTORS |                        |                 |     |      |      |           |  |  |  |
| 8.702-711.0               | WW906G                 | TT9061G         | 2.1 | 1400 | 3400 | 3/4"      |  |  |  |
| 8.702-682.0               |                        | TT1540GBF       | 4.0 | 1500 | 3400 | 3/4"      |  |  |  |
| 8.702-673.0               |                        | TT2028GBF       | 2.8 | 2000 | 3400 | 3/4"      |  |  |  |
| 8.702-674.0               |                        | TT2035GBF       | 3.5 | 2000 | 3400 | 3/4"      |  |  |  |
| COUPLE TO ELEC            | TRIC MOTORS            | 5               |     |      |      |           |  |  |  |
| 8.702-708.0               | W905E                  | T9051E          | 2.1 | 1400 | 1750 | 5/8"      |  |  |  |
| 8.702-710.0               | WW906E                 | TT9061E         | 2.1 | 1400 | 3400 | 5/8"      |  |  |  |
| 8.702-713.0               | WW907E                 | TT9071E         | 2.8 | 1500 | 3400 | 5/8"      |  |  |  |
| 8.702-677.0               | -                      | TT9111EBF       | 3.0 | 1500 | 1750 | 5/8"      |  |  |  |
| 8.702-679.0               | -                      | TT2021EBF       | 2.1 | 2000 | 3400 | 5/8"      |  |  |  |
| 8.702-680.0               | -                      | TT2028EBF       | 2.8 | 2000 | 3400 | 5/8"      |  |  |  |
| 8.702-681.0               | -                      | TT2035EBF       | 3.5 | 2000 | 3400 | 3/4"      |  |  |  |

# **INTERPUMP / GENERAL PUMP - EZ SERIES HOLLOW-SHAFT**



■ Direct Drive



■ Flanged for direct couple to gasoline or electric motors

| PART NO.           | INTERPUMP<br>MODEL NO.    | GP<br>MODEL NO. | GPM | PSI  | RPM  | SHAFT DIA |  |  |  |  |
|--------------------|---------------------------|-----------------|-----|------|------|-----------|--|--|--|--|
| COUPLE TO G        | COUPLE TO GASOLINE MOTORS |                 |     |      |      |           |  |  |  |  |
| 8.702-764.0        | WW961EZG                  | EZ3040G         | 4.0 | 2500 | 3400 | 1"        |  |  |  |  |
| 8.702-776.0        | -                         | EZ4030G34       | 3.0 | 4000 | 3400 | 1"        |  |  |  |  |
| 8.702-778.0        | -                         | EZ4035G34       | 3.5 | 4000 | 3400 | 1"        |  |  |  |  |
| 8.702-779.0        | -                         | EZ4040G34       | 4.0 | 4000 | 3400 | 1"        |  |  |  |  |
| <b>COUPLE TO E</b> | LECTRIC MOTORS            | 5               |     |      |      |           |  |  |  |  |
| 8.702-758.0        | W956EZE                   | EZ2536E         | 3.6 | 2500 | 1750 | 1-1/8"    |  |  |  |  |
| 8.702-759.0        | W959EZE                   | EZ2542E         | 4.2 | 2500 | 1750 | 1-1/8"    |  |  |  |  |
| 8.702-761.0        | W950EZE                   | EZ2545E         | 2.5 | 2500 | 1750 | 1-1/8"    |  |  |  |  |
| 8.702-760.0        | W953EZE                   | EZ2555E         | 5.5 | 2500 | 3400 | 1-1/8"    |  |  |  |  |
| 8.702-780.0        | -                         | EZ4035E         | 3.5 | 4000 | 3400 | 1-1/8"    |  |  |  |  |

# **INTERPUMP / GENERAL PUMP - TX SERIES HOLLOW-SHAFT**



■ Direct Drive



■ Flanged for direct couple to 184TC electric motor

| PART NO.    | MODEL NO.  | GPM | PSI  | RPM  | SHAFT DIA | SHIP WT |
|-------------|------------|-----|------|------|-----------|---------|
| 8.702-784.0 | TX1810E179 | 3.2 | 2000 | 1750 | 1-1/8"    | 30 lbs. |
| 8.702-785.0 | TX1812E179 | 3.8 | 2000 | 1750 | 1-1/8"    | 32 lbs. |

# **INTERPUMP / GENERAL PUMP KIT SELECTION CHART**

Use the selection chart below to find the correct repair kit for the specific Interpump / General Pump model.



| BUILD MCCCO       | \/A!\/==       | OII 45             | DACINIST | DACIONICS              | CEDANNE              | VALVE 6:55     | DICTO    | DOI:201:21          | CD ALL C          |
|-------------------|----------------|--------------------|----------|------------------------|----------------------|----------------|----------|---------------------|-------------------|
| PUMP MODEL        | VALVES         | OIL SEAL<br>PISTON | PACKINGS | PACKINGS<br>WITH BRASS | CERAMIC              | VALVE CAPS     | PISTON   | BOLTS HEAD<br>RINGS | CRANK OIL<br>SEAL |
| TX1510S34         | Kit 123        | Kit 159            | Kit 160  | Kit 166                | 52040009             | Kit 124        | 52040009 | -                   | -                 |
| TX1810E179        | Kit 123        | Kit 159            | Kit 161  | Kit 167                | 44040109             | Kit 124        | 52040009 | -                   | -                 |
| TX1812E179        | Kit 123        | Kit 159            | Kit 161  | Kit 167                | 44040109             | Kit 124        | 52040009 | -                   | -                 |
| TSF2021           | Kit 169        | Kit 2              | Kit 170  | Kit 171                | 66040009             | 66130041       | 66040109 | -                   | Kit 3             |
| TSF2221           | Kit 169        | Kit 2              | Kit 172  | Kit 173                | 66040109             | 66130041       | 66040109 | -                   | Kit 3             |
| TSF2421           | Kit 169        | Kit 2              | Kit 181  | Kit 182                | 66040409             | 66130041       | 66040409 | -                   | Kit 3             |
| T9721             | Kit 1          | Kit 23             | Kit 19   | Kit 27                 | 50040409             | Kit 4          | Kit 6    | Kit 21              | 104641            |
| T9731             | Kit 1          | Kit 23             | Kit 19   | Kit 27                 | 50040409             | Kit 4          | Kit 6    | Kit 21              | 104637            |
| T731              | Kit 1          | Kit 23             | Kit 19   | Kit 27                 | 50040409             | Kit 4          | Kit 6    | Kit 21              | 104641            |
| T991              | Kit 1          | Kit 23             | Kit 19   | Kit 27                 | 50040409             | Kit 4          | Kit 6    | Kit 21              | 104641            |
| T9951             | Kit 1          | Kit 23             | Kit 19   | Kit 27                 | 50040409             | Kit 4          | Kit 6    | Kit 21              | 104641            |
| T9971             | Kit 1          | Kit 23             | Kit 19   | Kit 27                 | 50040409             | Kit 4          | Kit 6    | Kit 21              | 104641            |
| T921              | Kit 1          | Kit 2              | Kit 148  | Kit 29                 | 47040509             | Kit 4          | Kit 6    | Kit 11              | Kit 3             |
| T1011             | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040409             | Kit 4          | Kit 6    | Kit 7               | Kit 3             |
| T1321             | Kit 1          | Kit 2              | Kit 148  | Kit 29                 | 47040509             | Kit 4          | Kit 6    | Kit 11              | Kit 3             |
| T9211             | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040409             | Kit 4          | Kit 6    | Kit 7               | Kit 3             |
| T9281             | Kit 1          | Kit 2              | Kit 109  | Kit 112                | 47040856             | Kit 106        | Kit 107  | Kit 108             | Kit 3             |
| T4251             | Kit 122        | Kit 44             | Kit 77   | Kit 78                 | 61040056             | Kit 122        | -        | Kit 7               | Kit 32            |
| T5050             | Kit 150        | Kit 2              | Kit 109  | Kit 151                | 47040856             | Kit 150        | 47040856 | Kit 108             | Kit 3             |
| TS1021            | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040409             | Kit 4          | Kit 6    | Kit 7               | Kit 3             |
| TS1011            | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040856             | Kit 4          | Kit 6    | Kit 7               | Kit 3             |
| TS1041            | Kit 62         | Kit 37             | Kit 69   | Kit 82                 | 47040409             | 98231200       | Kit 54   | Kit 7               | Kit 32            |
| TS1321            | Kit 1          | Kit 2              | Kit 148  | Kit 29                 | 47040509             | Kit 4          | Kit 6    | Kit 11              | Kit 3             |
| TS1511            | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040409             | Kit 4          | Kit 6    | Kit 7               | Kit 3             |
| TS1531            | Kit 62         | Kit 37             | Kit 69   | Kit 82                 | 47040409             | 98231200       | Kit 54   | Kit 7               | Kit 32            |
| TS2011            | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040409             | Kit 5          | Kit 6    | Kit 7               | Kit 3             |
| TS2021            | Kit 1          | Kit 2              | Kit 69   | Kit 28                 | 47040409             | Kit 5          | Kit 6    | Kit 7               | Kit 3             |
| TT9111            | Kit 1          | Kit 83             | Kit 141  | Kit 140                | 51040109             | Kit 84         | 51040109 | -                   | 104641            |
| TT941             | Kit 1          | Kit 83             | Kit 97   | Kit 96                 | 51040009             | Kit 84         | 51040109 | -                   | 104641            |
| TT9441            | Kit 1          | Kit 23             | Kit 88   | Kit 92                 | 52040009             | Kit 4          | Kit 6    | -                   | 104641            |
| TT2028            | Kit 1          | Kit 83             | Kit 97   | Kit 96                 | 051040009            | Kit 84         | -        | -                   | 104637            |
| TT2035            | Kit 1          | Kit 83             | Kit 97   | Kit 96                 | 51040009             | Kit 84         | -        | -                   | 104637            |
| TT9061            | Kit 1          | Kit 83             | Kit 97   | Kit 96                 | 51040009             | Kit 84         | -        | -                   | 104637            |
| TT9071            | Kit 1          | Kit 83             | Kit 97   | Kit 96                 | 51040009             | Kit 84         | -        | -                   | 104637            |
|                   |                |                    |          |                        |                      |                |          |                     |                   |
| EZ2542E           | Kit 123        | Kit 23             | Kit 127  | Kit 131                | 44040109             | Kit 124        | -        | Kit 129             | 104649            |
| EZ2545E           | Kit 123        | Kit 23             | Kit 88   | Kit 130                | 52040009             | Kit 124        | -        | Kit 90              | 104649            |
| EZ3035G           | Kit 123        | Kit 23             | Kit 88   | Kit 130                | 52040009             | Kit 124        | 52040009 | Kit 90              | 104649            |
| EZ3040G           | Kit 123        | Kit 23             | Kit 88   | Kit 130                | 52040009             | Kit 124        | 52040009 | Kit 90              | 104649            |
| EZ3040S           | Kit 123        | Kit 23             | Kit 88   | Kit 130                | 52040009             | Kit 124        | 52040009 | Kit 90              | 104644            |
| T0054555          | I/i+ 1         | Vi+ 0.2            | Wi+ 0.7  | Vit OC                 | E2040000             | I/i+ O 4       | E1040000 |                     | 104644            |
| T9051EBF          | Kit 1          | Kit 83             | Kit 97   | Kit 96                 | 52040009             | Kit 84         | 51040009 | -<br>I/:+ 120       | 104644            |
| EZ2542S           | Kit 123        | Kit 23             | Kit 127  | Kit 131                | 44040109             | Kit 124        | 44040109 | Kit 129             | 104644            |
| EZ3042S           | Kit 123        | Kit 23             | Kit 127  | Kit 131                | 44040109             | Kit 124        | 44040109 | Kit 129             | 104644            |
| ES4040S34         | Kit 123        | Kit 23             | Kit 153  | Kit 156                | 44040266             | Kit 124        | 44040266 | Kit 155             | 104644            |
| EZ3030G34         | Kit 123        | Kit 23             | Kit 88   | Kit 130                | 52040009             | Kit 124        | 52040009 | Kit 90              | 104649            |
| EZ3045G           | Kit 123        | Kit 23             | Kit 88   | Kit 130                | 52040009             | Kit 124        | 52040009 | Kit 90              | 104649            |
| EZ4035G34         | Kit 123        | Kit 23             | Kit 153  | Kit 156                | 44040266             | Kit 124        | 44040266 | Kit 155             | 104649<br>Vit 3   |
| TS1331-B<br>T1631 | Kit 1<br>Kit 1 | Kit 2              | Kit 69   | Kit 28                 | 47040409<br>47040509 | Kit 4<br>Kit 4 | Kit 6    | Kit 7               | Kit 3             |
| CW1012            |                | Kit 24             | Kit 148  | Kit 29                 | 69040109             | NIL 4          | Kit 6    | Kit 11              |                   |
| CWIUIZ            | Kit 62         | Kit 37             | Kit 113  | Kit 67                 | 03040103             | =              | Kit 74   | Kit 65              | Kit 32            |

# **INTERPUMP / GENERAL PUMP KITS - GENUINE**





■ Complete selection of repair kits

| PART NO.    | KIT. | DESCRIPTION                    |  |  |  |
|-------------|------|--------------------------------|--|--|--|
| 8.702-798.0 | 1    | Valve                          |  |  |  |
| 8.702-800.0 | 2    | Piston, Rod Oil Seal           |  |  |  |
| 8.702-801.0 | 3    | Crankshaft Oil Seal            |  |  |  |
| 8.702-802.0 | 4    | Valve Cap                      |  |  |  |
| 8.702-803.0 | 5    | Valve Cap                      |  |  |  |
| 8.702-805.0 | 6    | Piston Bolt                    |  |  |  |
| 8.702-803.0 | 6A   | Washer for Piston Bolts        |  |  |  |
| 8.702-804.0 | 7    | Head Ring                      |  |  |  |
| 8.702-306.0 | 8    | -                              |  |  |  |
|             |      | HP Old Style,<br>20 mm Packing |  |  |  |
| 8.702-115.0 | 8    | New Style                      |  |  |  |
| 8.900-442.0 | 8    | Old Style, Packing Kit         |  |  |  |
| 8.900-444.0 | 9    | Packing Spacer                 |  |  |  |
| 8.702-809.0 | 10   | Retainer, 20 mm Packing        |  |  |  |
| 8.702-810.0 | 11   | 22 mm Head Ring                |  |  |  |
| 8.702-811.0 | 12   | 22 mm Packing                  |  |  |  |
| 8.702-813.0 | 15   | Packing Adapter                |  |  |  |
| 8.702-814.0 | 16   | 24 mm Packing                  |  |  |  |
| 8.702-817.0 | 19   | 20 mm HP Packing               |  |  |  |
| 8.702-818.0 | 19   | New Style                      |  |  |  |
| 8.702-820.0 | 20   | 20 mm, Intermed. Ring          |  |  |  |
| 8.702-821.0 | 21   | 20 mm Head Ring                |  |  |  |
| 8.702-823.0 | 23   | Piston, Rod Oil Seal           |  |  |  |
| 8.702-824.0 | 24   | Piston, Rod Oil Seal           |  |  |  |
| 8.702-826.0 | 27   | 20 mm, Packing Assy            |  |  |  |
| 8.702-829.0 | 28   | 20 mm, Packing Assy            |  |  |  |
| 8.702-830.0 | 29   | 22 mm, Packing Assy            |  |  |  |
| 8.702-833.0 | 32   | Crankshaft, Oil Seal           |  |  |  |
| 8.702-834.0 | 37   | Piston, Rod Oil Seal           |  |  |  |
| 8.702-836.0 | 38   | 36 mm Packing                  |  |  |  |
| 8.702-847.0 | 58   | K5 Maintenance                 |  |  |  |
| 8.702-849.0 | 60   | K5, Complete Rebuild           |  |  |  |
| 8.702-851.0 | 62   | Valve                          |  |  |  |
| 8.702-853.0 | 64   | Packing w/ Intermed. Rings     |  |  |  |
| 8.702-854.0 | 65   | 30 mm, Head Ring               |  |  |  |
| 8.702-857.0 | 69   | 20 mm Packing with Restop      |  |  |  |
| 8.702-858.0 | 70   | K7 Maintenance                 |  |  |  |
| 8.702-859.0 | 71   | Intermed Ring with Restop      |  |  |  |
| 8.702-860.0 | 72   | Maintenance Kit                |  |  |  |
| 8.702-864.0 | 77   | 20 mm Packing with Restop      |  |  |  |
| 8.702-872.0 | 83   | Oil Seal                       |  |  |  |
| 8.702-873.0 | 84   | Valve Cap                      |  |  |  |
| 8.702-874.0 | 85   | Complete Packing               |  |  |  |
| 8.702-875.0 | 86   | Packing Retainer               |  |  |  |
| 8.702-877.0 | 88   | Packing, EZ3040G               |  |  |  |

| PART NO.    | KIT. | DESCRIPTION Head Ring                   |  |  |  |  |
|-------------|------|---|--|--|--|--|
| 8.702-879.0 | 90   | Head Ring                               |  |  |  |  |
| 8.702-882.0 | 92   | Piston Seal                             |  |  |  |  |
| 8.702-883.0 | 93   | Control Set W2                          |  |  |  |  |
| 8.702-886.0 | 96   | Packing Assy                            |  |  |  |  |
| 8.702-887.0 | 97   | Packing                                 |  |  |  |  |
| 8.702-893.0 | 102  | Unloader Maintenance                    |  |  |  |  |
| 8.702-897.0 | 106  | Valve Cap                               |  |  |  |  |
| 8.702-898.0 | 107  | Piston Bolt, Pump T9281                 |  |  |  |  |
| 8.702-899.0 | 108  | Head Ring for T-9281                    |  |  |  |  |
| 8.702-900.0 | 109  | 16 mm, Intermed Ring                    |  |  |  |  |
| 8.702-901.0 | 110  | 16 mm, Intermed Ring                    |  |  |  |  |
| 8.702-902.0 | 111  | Packing, Retainer, 16 mm,<br>Pump T9281 |  |  |  |  |
| 8.702-903.0 | 112  | 16 mm, Packing Assy                     |  |  |  |  |
| 8.702-904.0 | 113  | Packing Assy                            |  |  |  |  |
| 8.702-908.0 | 118  | Packing                                 |  |  |  |  |
| 8.702-909.0 | 119  | Packing                                 |  |  |  |  |
| 8.702-912.0 | 122  | Valves                                  |  |  |  |  |
| 8.702-913.0 | 123  | Valve, EZ3040                           |  |  |  |  |
| 8.702-914.0 | 124  | Valve Cap and O-Ring for<br>EZ Pump     |  |  |  |  |
| 8.702-917.0 | 127  | Packing, EZ2542S                        |  |  |  |  |
| 8.702-919.0 | 129  | Head Ring, EZ Series                    |  |  |  |  |
| 8.702-920.0 | 130  | Packing Complete                        |  |  |  |  |
| 8.702-921.0 | 131  | EZ Pump                                 |  |  |  |  |
| 8.702-928.0 | 140  | Packing Assy, T9111                     |  |  |  |  |
| 8.702-929.0 | 141  | Packing Assy                            |  |  |  |  |
| 8.702-930.0 | 148  | 22 mm Packing                           |  |  |  |  |
| 8.702-932.0 | 150  | Valve, General T5050                    |  |  |  |  |
| 8.702-933.0 | 151  | Packing Retainer                        |  |  |  |  |
| 8.702-934.0 | 153  | Packing Kit                             |  |  |  |  |
| 8.702-936.0 | 156  | 13 mm Packing                           |  |  |  |  |
| 8.702-937.0 | 159  | Oil Seal                                |  |  |  |  |
| 8.702-938.0 | 160  | Short Packing                           |  |  |  |  |
| 8.702-939.0 | 161  | Packings                                |  |  |  |  |
| 9.841-673.0 | 163  | Seal Retainer                           |  |  |  |  |
| 9.841-638.0 | 165  | Int Ring                                |  |  |  |  |
| 8.702-942.0 | 166  | Long Kit 1                              |  |  |  |  |
| 8.702-943.0 | 167  | Packing Assy                            |  |  |  |  |
| 8.702-945.0 | 169  | Valve Kit                               |  |  |  |  |
| 8.702-946.0 | 170  | LP Seal Kit and HP Seal                 |  |  |  |  |
| 8.702-947.0 | 171  | Packings                                |  |  |  |  |
| 8.702-948.0 | 172  | Low / High Packing                      |  |  |  |  |
| 8.702-949.0 | 173  | Packings, Kit 176 & Kit 180             |  |  |  |  |
| 8.702-950.0 | 174  | Seal Kit                                |  |  |  |  |

# **INTERPUMP / GENERAL PUMP KITS - GENUINE (CONTINUED)**



| PART NO.    | KIT. | DESCRIPTION                 |
|-------------|------|-----------------------------|
| 8.702-951.0 | 175  | 16MM Seal Kit               |
| 8.702-952.0 | 176  | 18 mm Packing               |
| 8.702-953.0 | 180  | 18 mm Packing               |
| 8.702-954.0 | 181  | LP Seal Kit and HP Seal     |
| 8.702-955.0 | 182  | Packings, Kit 196 & Kit 197 |
| 8.702-956.0 | 196  | 15 mm HP Packing            |
| 8.702-957.0 | 197  | 18 mm HP Packing            |
| 8.702-958.0 | 201  | Valve kit                   |
| 8.702-959.0 | 202  | Packing Kit                 |
| 8.723-898.0 | 203  | Seals                       |

| PART NO.    | KIT. | DESCRIPTION        |
|-------------|------|--------------------|
| 8.702-960.0 | 204  | Seals              |
| 8.723-512.0 | 212  | Kit 212            |
| 8.702-962.0 | 226  | 15 mm Packing      |
| 8.702-961.0 | 220  | Hot Seals & Valves |
| 9.105-490.0 | 269  | Kit 269            |
| 9.105-449.0 | 277  | 18 MM Packing      |
| 9.105-450.0 | 271  | Seals              |
| 8.756-374.0 | 290  | 20 mm Packing      |
| 9.107-628.0 | 967  | 30 mm Packing Assy |

# **CERAMIC PLUNGERS**





■ Precision-ground, high-polish, solid ceramic plungers, designed for long life even under constant use.

| PART NO.    | GENERAL PUMP PART NO. | SIZE                  |
|-------------|-----------------------|-----------------------|
| 8.703-185.0 | 51040109              | 18 mm                 |
| 8.703-187.0 | 52040009              | 15 mm, EZ Series      |
| 8.703-188.0 | 46040009              | For W50 Pump          |
| 8.703-190.0 | 47040409              | 20 mm                 |
| 8.703-191.0 | 44040109              | 18 mm, EZ Series      |
| 8.703-192.0 | 47040509              | 22 mm                 |
| 8.900-575.0 | 51040166              | 18 mm, TP Series      |
| 8.703-193.0 | 47040609              | 24 mm Solid, Ceramic  |
| 8.703-194.0 | 47040856              | 16 mm, 47 Series      |
| 8.703-195.0 | 50040409              | 20 mm, T Series 49    |
| 8.703-196.0 | 61040056              | 20 mm, 76 & 77 Series |
| 8.703-198.0 | 44040266              | 13 mm, EZ Series      |
| 8.703-200.0 | 76040209              | 45 mm                 |
| 8.703-767.0 | 66040109              | 22 mm, TSF2221        |
| 8.703-768.0 | 66040409              | 24 mm                 |
| 8.701-400.0 | 51040009              | 15 mm, T21            |
| 9.106-229.0 | 59040009              | 20 mm                 |

# **AR TRIPLEX CERAMIC PLUNGER PUMPS**



### ■ Direct Drive



8.702-498.0



8.702-513.0



8.702-550.0

| PART NO.       | MODEL NO.     | GPM  | PSI  | RPM  | SHAFT DIA | SHIP WT  |
|----------------|---------------|------|------|------|-----------|----------|
| GAS ENGINE FLA | NGED MODELS   |      |      |      |           |          |
| 8.702-494.0    | XTV3G22D-F7   | 3.0  | 2200 | 3400 | 3/4"      | 11 lbs.  |
| 8.702-498.0    | XMV3G30D-F24  | 3.0  | 3000 | 3400 | 1"        | 19 lbs.  |
| 8.702-495.0    | XMV3G25D-F25  | 3.0  | 2500 | 3400 | 3/4"      | 19 lbs.  |
| 8.702-542.0    | XMV35G25D-F25 | 3.5  | 2500 | 3400 | 3/4"      | 19 lbs.  |
| 8.702-602.0    | RKV4G37D-F24  | 4.0  | 3700 | 3400 | 1"        | 21 lbs.  |
| 8.702-582.0    | RKV4G40HD-F24 | 4.0  | 4000 | 3400 | 1"        | 21 lbs.  |
| 9.108-219.0    | RMV2.5G30     | 2.5  | 3000 | 3400 | 3.4"      | 7.5 lbs. |
| SOLID-SHAFT MC | DELS          |      |      |      |           |          |
| 8.702-506.0    | XTA3G22N      | 3.0  | 2200 | 1750 | 24 mm     | 11 lbs.  |
| 8.715-307.0    | XMA3.5G25N    | 3.5  | 2500 | 1750 | 24 mm     | 18 lbs.  |
| 8.702-593.0    | RKA4G30N      | 4.0  | 3000 | 1750 | 24 mm     | 19 lbs.  |
| 8.702-597.0    | RKA4G40HN     | 4.0  | 4000 | 1750 | 24 mm     | 21 lbs.  |
| 8.702-513.0    | XW2623        | 6.87 | 3400 | 1450 | 24 mm     | 34 lbs.  |
| ELECTRIC FLANG | ED MODELS     |      |      |      |           |          |
| 8.702-550.0    | XTV2G15EBA-F8 | 2.1  | 1500 | 3400 | 5/8"      | 10 lbs.  |
| 8.702-551.0    | XTV3G16E-F8   | 3.0  | 1600 | 3400 | 5/8"      | 10 lbs.  |
| 8.702-500.0    | XTV3G22E-F8   | 3.0  | 2200 | 3400 | 5/8"      | 11 lbs.  |
| 8.702-515.0    | XTA3G22E-F8   | 3.0  | 2200 | 1750 | 5/8"      | 11 lbs.  |
| 8.702-514.0    | XTA3G16EBA-F8 | 3.0  | 1600 | 1750 | 5/8"      | 10 lbs.  |
| 8.702-591.0    | RKA4G20E-F17  | 4.0  | 2000 | 1750 | 1-1/8"    | 21 lbs.  |
| 8.702-592.0    | RKA4G30E-F17  | 4.0  | 3000 | 1750 | 1-1/8"    | 21 lbs.  |

# **AR DIRECT DRIVE PUMPS**





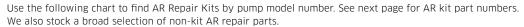




9.113-119.0 9.113-106.0 9.113-103.0

| PART NO.       | MODEL NO.         | GPM  | PSI  | RPM  | SHAFT DIA | SHIP WT   |
|----------------|-------------------|------|------|------|-----------|-----------|
| DIRECT DRIVE G | AS PUMPS          |      |      |      |           |           |
| 9.113-101.0    | RCV3G27D-F7       | 3.0  | 2700 | 3400 | 3/4"      | 11 lbs.   |
| 9.113-102.0    | RCVU3G27D-F7-EZ   | 3.0  | 2700 | 3400 | 3/4"      | 11 lbs.   |
| 9.113-116.0    | RCV25G27D-F7      | 2.5  | 2700 | 3400 | 3/4"      | 11 lbs.   |
| 9.113-118.0    | RCV35G25D-F8      | 5.0  | 2500 | 3400 | 5/8"      | 11 lbs.   |
| 9.113-119.0    | RCV3G27D-VR54-PKG | 3.0  | 2700 | 3400 | 1"        | 11 lbs.   |
| 9.113-121.0    | RKV35G40HD-F24    | 3.5  | 4000 | 3400 | 1"        | 21 lbs.   |
| 9.113-122.0    | RKV45G40HD-F24    | 4.5  | 4000 | 3400 | 1"        | 21 lbs.   |
| 9.113-123.0    | RKV5G40HD-F24     | 5.0  | 4000 | 3400 | 1"        | 21 lbs.   |
| DIRECT DRIVE E | LECTRIC PUMPS     |      |      |      |           |           |
| 9.113-106.0    | RK1828HN          | 4.75 | 4000 | 1450 | 24 mm     | 20 lbs.   |
| 9.113-111.0    | RCA2G22E-F8       | 2.0  | 2200 | 1750 | 5/8"      | 11 lbs.   |
| 9.113-112.0    | RCA35G16E-F8      | 3.5  | 1600 | 1750 | 5/8"      | 11 lbs.   |
| 9.113-114.0    | RCA3G25E-F8       | 3.0  | 2500 | 1750 | 24 mm     | 11 lbs.   |
| 9.113-117.0    | RCV2G25E-F8       | 2.0  | 2500 | 3400 | 5/8"      | 11 lbs.   |
| 9.113-124.0    | RRA35G30E-F17     | 3.5  | 3000 | 1750 | 1-1/8"    | 18 lbs.   |
| 9.113-125.0    | RRA3G30E-F17      | 3.0  | 1700 | 1750 | 1-1/8"    | 18 lbs.   |
| COMMERICAL PI  | UMPS              |      |      |      |           |           |
| 9.113-103.0    | RG1528HN          | 4.0  | 4000 | 1450 | 24 mm     | 27.5 lbs. |
| 9.113-104.0    | RG2125HN          | 5.5  | 3650 | 1450 | 24 mm     | 27.5 lbs. |
| 9.113-105.0    | RK1528HN          | 4.0  | 4000 | 1450 | 24 mm     | 20 lbs.   |
| 9.113-107.0    | RKA4G40HN-CR      | 4.0  | 4000 | 1750 | 24 mm     | 20 lbs.   |
| 9.113-108.0    | RRA55G26E-F17     | 5.5  | 3000 | 1750 | 1-1/8"    | 18 lbs.   |
| 9.113-109.0    | RRV4G40-VRT-PKG   | 4.0  | 3600 | 3400 | 1"        | 20 lbs.   |
| 9.113-110.0    | XWL50.20NB        | 13.0 | 3000 | 1450 | 22 mm     | 34 lbs.   |
| 9.113-113.0    | RCA35G25N         | 3.5  | 2500 | 1750 | 24 mm     | 10 lbs.   |
| 9.113-115.0    | RCA3G25N          | 3.0  | 2500 | 1750 | 24 mm     | 10 lbs.   |
| 9.113-120.0    | RKA35G40HN        | 3.5  | 4000 | 1750 | 24 mm     | 20 lbs.   |
| 9.113-126.0    | RRA4G40N          | 4.0  | 4000 | 1750 | 24 mm     | 17 lbs.   |
| 9.113-127.0    | RRA55G30N         | 5.5  | 3000 | 1750 | 24 mm     | 17 lbs.   |
| 9.113-129.0    | RRV35G40HD-F24    | 3.5  | 4000 | 3400 | 1"        | 18 lbs.   |
| 9.113-130.0    | RRV3G36D-F24      | 3.0  | 3600 | 3400 | 1"        | 18 lbs.   |

### **AR PUMP REPAIR KIT SELECTION CHART**





| PUMP MODEL | WATER SEALS | CHECK VALVES               | OIL SEALS                           | PISTON KIT | PISTON GUIDE   | SUPPORT RINGS | HOT KIT    |
|------------|-------------|----------------------------|-------------------------------------|------------|----------------|---------------|------------|
| ΛΓΧ        | ARO02798    | AR002869                   | AR002797                            | AR002596   | AR1980180 ea   | AR1980190 ea  | -          |
| WLX        | AR002800    | AR002869                   | AR002797                            | AR002596   | AR1980180 ea   | AR1980190 ea  | -          |
| XT-15MM    | AR001866    | AR001864                   | AR001872-N ver<br>AR002725-H/D      | AR002628   | AR1260151 ea   | AR1520120 ea  | AR002815   |
| XT-18MM    | AR001874    | AR001864                   | AR001872-N ver<br>AR002726-H/D      | AR002629   | AR1260450 ea   | AR1320340 ea  | AR002816   |
| XTA-15MM   | AR001866    | AR001864                   | AR001860-E ver                      | AR002628   | AR1260151 ea   | AR1520120 ea  | AR002815   |
| XTA-18MM   | AR001874    | AR001864                   | AR001860-E ver                      | AR002629   | AR1260450 ea   | AR1320340 ea  | AR002816   |
| XTV        | AR002520    | AR001864                   | AR001860-D, E ver<br>AR001872-N ver | AR002628   | AR1260151 ea   | AR1520120 ea  | AR002815   |
| XM-15MM    | AR002741    | AR001864                   | AR002786-N ver<br>AR1780100 ea R    | AR002544   | AR1780090 ea F | AR002740      | AR002030-V |
| XM-18MM    | AR002747    | AR001864                   | AR002786-N ver<br>AR1780120 ea R    | AR002545   | AR1780110 ea F | AR002745      | AR002029-V |
| XMA-15MM   | AR002741    | AR001864                   | AR002786-N ver<br>AR1780100 ea R    | AR002544   | AR1780090 ea F | AR002740      | AR02776    |
| XMA-18MM   | AR002747    | AR001864<br>AR002787-E ver | AR002786-N ver<br>AR1780120 ea R    | AR002545   | AR1780110 ea F | AR002745      | AR002777   |
| XMV        | AR002741    | AR001864<br>AR002787-D ver | AR002786-N ver<br>AR1780100 ea R    | AR002544   | AR1780090 ea F | AR002740      | AR02817    |
| XRC-18MM   | AR001857    | AR002864                   | AR001855-N ver                      | AR002546   | AR13800900 ea  | AR001829      | AR002819   |
| XRC-20MM   | AR001887    | AR002864                   | AR001855-N ver                      | AR002547   | AR1380150 ea   | AR001815      | AR002820   |
| XRCA-18MM  | AR001857    | AR002864                   | AR001855-N ver                      | AR002546   | AR13800990 ea  | AR001829      | AR002819   |
| XRCA-20MM  | AR001887    | AR002864                   | AR001855-N ver<br>AR001856-E ver    | AR002547   | AR1380150 ea   | AR001815      | AR002820   |
| XRCV       | AR001857    | AR001828                   | AR001856-D, E ver                   | AR002546   | AR1380090 ea   | AR001829      | AR002819   |
| RK-18MM    | AR001857    | AR002864                   | AR001855-N ver                      | AR002547   | AR1380090 ea   | AR001829      | AR0042213  |
| RK-20MM    | AR001887    | AR002864                   | AR001855-N ver                      | AR002546   | AR1380150 ea   | AR001815      | AR002820   |
| RKA-18MM   | AR001857    | AR002864                   | AR001855-N                          | AR002546   | AR1380090 ea   | AR001829      | AR0042213  |
| RKA-20MM   | AR001887    | AR002864                   | AR001855-N ver                      | AR002547   | AR1380090 ea   | AR001515      | AR002820   |
| RKV        | AR001857    | AR001828                   | AR001856                            | AR002546   | AR1380150 ea   | AR001829      | AR0042213  |
| XW-20MM    | AR002782    | AR002780                   | AR002781                            | AR002542   | AR2784 ea      | -             | AR002778   |
| XW-22MM    | AR002783    | AR002780                   | AR002781                            | AR002543   | AR002785       | -             | AR002779   |
| XWA-20MM   | AR002782    | AR002780                   | AR002781                            | AR002542   | AR002784       | -             | AR002778   |
| XWA-22MM   | AR002783    | AR002780                   | AR002781                            | AR002543   | AR002785       | -             | AR002779   |
| SXW-18MM   | AR002874    | AR002871                   | AR002873                            | AR002548   | AR002875       | -             | -          |

# **AR PUMP KITS**



Original factory-direct repair kits. See previous page for kit selection chart. Don't see what you're looking for? Give us a call. We stock a broad selection of AR replacement parts. AR piston kits contain all that you need to repair broken pistons, O-rings, washers, nuts, plungers...YOU GET IT ALL!



| PART NO.                   | MODEL NO.            | KIT DESCRIPTION  |  |  |  |
|----------------------------|----------------------|--|--|--|--|
| 8.720-573.0                | AR001804             | Packing  |  |  |  |
| 8.720-574.0                | AR001805             | Packing, 20 mm   |  |  |  |
| 8.740-118.0                | AR001806             | Pump   |  |  |  |
| 8.720-575.0                | AR001800             | Piston   |  |  |  |
| 8.720-578.0                | AR001815             | Valve Kit  |  |  |  |
| 8.720-578.0                | AR001825             | Piston Bolt  |  |  |  |
| 8.720-575.0                | AR001828             | Valve  |  |  |  |
| 8.720-581.0                | AR001829             |  |  |  |  |
| 8.720-582.0<br>8.720-583.0 | AR001829<br>AR001830 | Ring, Support, XRA / XRV*  Repair, AR 2882, O-Rings Only |  |  |  |
| 8.720-585.0                | AR001830             | Piston, XRA / XRV*                                       |  |  |  |
| 8.720-586.0                | AR001842<br>AR001843 |  |  |  |  |
| 8.720-580.0                | AR001845             | Piston, XRA, XR Oil Seal, XRA*                           |  |  |  |
| 8.720-592.0                | AR001855             | Oil Seal, XRV  |  |  |  |
| 8.720-593.0                | AR001857             | Packing, XRA / XRV*                                      |  |  |  |
| 8.720-594.0                | AR001857             | Seal, Oil, XTV*  |  |  |  |
| 8.720-590.0                | AR001864             | Valve Kit  |  |  |  |
| 8.720-597.0                | AR001865             | Oil Seal   |  |  |  |
| 8.720-598.0                | AR001865             | Water Seals  |  |  |  |
| 8.720-599.0                | AR001869             | Repair Unloader  |  |  |  |
| 8.720-601.0                | AR001809             | Oil Seal   |  |  |  |
| 8.720-603.0                | AR001872<br>AR001873 | Oil Seal Kit Complete                                    |  |  |  |
| 8.720-603.0                | AR001873             | Packing Packing  |  |  |  |
| 8.720-604.0                | AR001874<br>AR001887 | Water Seals  |  |  |  |
| 8.720-606.0                | AR001887<br>AR002031 | Viton Seal, XRA  |  |  |  |
| 8.720-611.0                | AR002031<br>AR002043 | Oil Seal   |  |  |  |
| 8.720-613.0                | AR002043             | Seal   |  |  |  |
| 8.720-632.0                | AR002544             | Piston, XM*  |  |  |  |
| 8.720-633.0                | AR002546             | Piston XRCA / XRCV                                       |  |  |  |
| 8.720-643.0                | AR002546             | Seal   |  |  |  |
| 8.720-644.0                | AR002628             | AR Piston #2628  |  |  |  |
| 8.720-649.0                | AR002628             | Repair, Combination Set                                  |  |  |  |
| 8.720-651.0                | AR002740             | Support Ring, XM*  |  |  |  |
| 8.720-652.0                | AR002741             | Water Seal, XM*  |  |  |  |
| 8.720-655.0                | AR002747             | Packing, XMA* 18 mm                                      |  |  |  |
| 8.720-658.0                | AR002776             | Hot / Dry Cup  |  |  |  |
| 8.720-661.0                | AR002780             | Valve, XWA8G30N-SX                                       |  |  |  |
| 8.720-662.0                | AR002781             | Seal, XWA8G30N-SX  |  |  |  |
| 8.720-663.0                | AR002782             | Piston Seal, XWA8G30N-SX                                 |  |  |  |
| 8.720-665.0                | AR002784             | Piston Guide, XWA8G30N-SX                                |  |  |  |
| 8.720-667.0                | AR002786             | Oil Seals, XMA35G25N                                     |  |  |  |
| 8.720-668.0                | AR002787             | Oil Seals  |  |  |  |
| 8.720-684.0                | AR002864             | Valve Kit, RK*   |  |  |  |
| 8.702-623.0                | AR002278             | Hot Pack Kit   |  |  |  |
| 9.105-742.0                | AR42476              | Water Seal Kit -RCV-RCVU                                 |  |  |  |
| 9.105-982.0                | AR42638              | Complete head with seals and valves                      |  |  |  |
| *Sorios                    |                      |  |  |  |  |

\*Series

Specifications, product descriptions, product availability, and pricing subject to change without notice.

# **CAT TRIPLEX PUMPS**



### ■ Direct Drive







8.702-381.0



8.702-464.0



9.113-051.0



9.113-054.0



9.113-046.0



9.109-786.0



8.702-436.0

| PART NO.      | MODEL NO.               | GPM  | PSI  | RPM  | SHAFT DIA | SHIP WT   |
|---------------|-------------------------|------|------|------|-----------|-----------|
| SOLID SHAFT M | IODELS                  |      |      |      |           |           |
| 8.702-444.0   | 56                      | 5.5  | 3500 | 1210 | 24 mm     | 29 lbs.   |
| 8.702-440.0   | 530                     | 5.0  | 2500 | 1100 | 24 mm     | 26 lbs.   |
| 8.702-449.0   | 660                     | 10.0 | 3000 | 1429 | 30 mm     | 44 lbs.   |
| 9.113-045.0   | 700                     | 4.7  | 5000 | 1750 | 24 mm     | 29 lbs.   |
| 8.702-429.0   | 310                     | 4.0  | 2200 | 950  | 20 mm     | 20 lbs.   |
| 8.702-381.0   | 310S                    | 4.0  | 2200 | 950  | 20 mm     | 20 lbs.   |
| 8.702-464.0   | 5CP3120                 | 4.5  | 3500 | 1750 | 20 mm     | 20 lbs.   |
| 9.113-051.0   | 5CP3120CSS              | 4.5  | 3500 | 1645 | 20 mm     | 20 lbs.   |
| 8.702-465.0   | 5CP5120                 | 5.0  | 3000 | 1415 | 20 mm     | 20 lbs.   |
| 9.113-052.0   | 5CP5140CSS              | 5.5  | 3500 | 1500 | 20 mm     | 20 lbs.   |
| DIRECT DRIVE  | ELECTRIC FLANGED MODELS |      |      |      |           |           |
| 9.113-048.0   | 4DX20ER                 | 2.0  | 2000 | 3450 | 5/8"      | 11 lbs.   |
| 9.113-049.0   | 4DX27ER                 | 2.7  | 2000 | 3450 | 5/8"      | 11 lbs.   |
| 9.113-053.0   | 5SP30ELU                | 3.0  | 3000 | 1750 | 1-1/8"    | 13.2 lbs. |
| 9.113-054.0   | 5SP35ELU                | 3.5  | 2500 | 1750 | 1-1/8"    | 13.2 lbs. |
| 9.113-055.0   | 5SP40ELU                | 4.0  | 2000 | 1750 | 1-1/8"    | 13.2 lbs. |
| DIRECT DRIVE  | GAS FLANGED MODELS      |      |      |      |           |           |
| 9.113-046.0   | 4DNX25GSI               | 2.5  | 3000 | 3450 | 3/4"      | 11 lbs.   |
| 9.113-047.0   | 4DNX27GSI               | 2.7  | 3000 | 3450 | 3/4"      | 11 lbs.   |
| 9.113-050.0   | 4DX29GUIF               | 2.9  | 2600 | 3450 | 3/4"      | 14 lbs.   |
| 9.109-786.0   | 4SPX32G1I               | 3.2  | 3000 | 3450 | 1"        | 18 lbs.   |
| 9.113-057.0   | 67DX39G1I               | 3.9  | 4000 | 3450 | 1"        | 18 lbs.   |
| 8.702-436.0   | 66DX35G1I               | 3.5  | 4000 | 3400 | 1"        | 27 lbs.   |
| 8.702-435.0   | 66DX40G1I               | 4.0  | 4000 | 3400 | 1"        | 27 lbs.   |
| 9.113-056.0   | 66DX40GG1               | 4.0  | 4000 | 3400 | 1"        | 27 lbs.   |

### **COMET PUMPS AND PUMP KITS**

For use in homeowner or light commercial-duty pressure washers.

- One-Piece Bronze Connection Rods
- Built-in Unloader



■ Increased surface area for lower operating temperatures Ultra High-Pressure Head



| PART NO.    | MODEL NO.  | GPM  | PSI  | RPM  | SHAFT DIA   | INLET/OUTLET      |
|-------------|------------|------|------|------|-------------|-------------------|
| 9.802-357.0 | AXD 2020 E | 1.9  | 2000 | 3400 | 5/8" Hollow | 3/4" FGH/3/8" MPT |
| 8.702-576.0 | AXD 3020 G | 2.75 | 2000 | 3400 | 3/4" Hollow | 3/4" FGH/3/8" MPT |
| 8.715-286.0 | AXD 2427 G | 2.5  | 2700 | 3400 | 3/4" Hollow | 3/4" FGH/3/8" MPT |
| 8.750-238.0 | BXD 2020 E | 1.9  | 2000 | 3400 | 5/8" Hollow | 1/2" FPT/3/8" MPT |

Comet kits and parts are available for any Comet model. Call with model number for quick and accurate service.

| PART NO.    | MODEL NO.                                |
|-------------|--|
| 8.721-902.0 | Piston, 15 mm, FWD                       |
| 8.721-903.0 | Piston, 18 mm, FWD                       |
| 8.718-556.0 | Seal Kit, LWD, HP                        |
| 8.721-979.0 | Packing Kit, FWS / FWD                   |
| 8.721-985.0 | Seal Kit Oil, LW Series, Hollow          |
| 8.721-986.0 | Seal Kit, ZWD4030G                       |
| 8.721-987.0 | Seal Kit, Hollow Shaft Pumps             |
| 8.721-989.0 | Seal Kit, AXD2020                        |
| 8.721-988.0 | Seal Kit, AXD3020                        |
| 8.750-711.0 | Seal Kit, BXD2020 E                      |
| 8.721-996.0 | Valve Kit ZWD / FWS / FWD / HW / FW / LW |
| 8.721-997.0 | Valve Kit, AXD 3020                      |
| 8.725-562.0 | Valve Kit, BXD 2020                      |

# Comet Pumps & Pump Kits - MC25-GR (with Gear Reducer)

Perfect for Soft Wash, Ag Spraying, Lawn Care, Nursery, Pest Control, Mold Removal & Insulation applications.



COMIT!



- Twin Diaphragm, Low Pressure
- DURAphragm Technology
- Features Anodized Aluminum body for corrosion resistance
- Buna Diaphragm/Seals
- 3/4" Hydraulic Drive
- Includes Adjustable Pressure Regulator, manual dump lever & rails

| PART NO.    | GPM | PSI | RPM | SHAFT DIA | INLET/OUTLET | BYPASS |
|-------------|-----|-----|-----|-----------|--------------|--------|
| 9.113-711.0 | 6.1 | 362 | 650 | 3/4"      | 3/4" / 3/8"  | 1/2"   |

# **PISTON PUMPS - HYPRO**





8.702-156.0

- Temperature Max: 140°F (except 5321)
- Temperature Max: 180°F (for 5321)
- Cast Iron Body
- Stainless-Steel Check Valves
- Complete with Base or Torque Arm
- Buna Cups
- 1/2 NPT Ports

| PART NO.            | HYPRO                          | GPM     | PSI       | RPM     |  |
|---------------------|--------------------------------|---------|-----------|---------|--|
| SOLID SHAFT         |                                |         |           |         |  |
| 8.702-158.0         | 5320                           | 2.0     | 500       | 1750    |  |
| 8.702-161.0         | 5321                           | 2.2     | 1000      | 1750    |  |
| 8.702-167.0         | 5330                           | 3.0     | 500       | 1750    |  |
| <b>HOLLOW SHAFT</b> |                                |         |           |         |  |
| 8.702-156.0         | 5315                           | 1.5     | 500       | 1750    |  |
| 8.702-159.0         | 5320                           | 2.0     | 500       | 1750    |  |
| 8.702-160.0         | 5321                           | 2.2     | 1000      | 1750    |  |
| 8.702-166.0         | 5330                           | 3.0     | 500       | 1750    |  |
| 8.702-146.0         | Injector Head 5320 / 5330 Pump |         |           |         |  |
| 8.702-152.0         | Injector                       | Head 53 | 321 / 532 | 24 Pump |  |

### **PUMP PARTS AND TOOLS**

For 5300 Series pumps.



A necessity for working on 5300 Series pumps ■ Rugged Construction







**Valve Seat Tools** 

Piston Repair Kit

**Valve Cage Tools** 

| PART NO.                                | DESCRIPTION                           |  |
|---|---------------------------------------|--|
| 8.722-629.0                             | Piston Repair Kit,<br>Model 5320 Pump |  |
| 8.722-634.0                             | Piston Repair Kit,<br>Model 5321 Pump |  |
| 8.722-641.0                             | Check Valve Kit,<br>All 5300 Pumps    |  |
| 8.712-510.0                             | Valve Cage Tool                       |  |
| 8.712-512.0                             | Valve Seat Tool                       |  |
| Note: Piston Repair Kits have Buna Seal |                                       |  |

# PUMP PACKING & SEAL KITS - GENERIC - A+



UPC, General Pump and Interpump replacement kits. Time-tested, quality parts meet or exceed factory specifications.



| PART NO.     | DESCRIPTION                  |
|--------------|------------------------------|
| 8.900-438.0  | Kit 1, Check Valve           |
| 6.500-436.0  | ,                            |
| 8.900-440.0  | Kit 2, Oil Seal              |
| 8.900-441.0  | Kit 3, Cranshaft Oil Seal    |
| 8.900-442.0  | Kit 8, New Style Packing Kit |
| 8.900-443.0* | Kit 8, V-Packing             |
| 8.900-444.0* | Kit 9, Intermed Packing      |
| 8.900-447.0* | Kit 12, V-Packing            |
| 8.900-456.0* | Kit 19, V-Packing            |
| 8.900-463.0  | Kit 23, Crankcase Oil Seal   |
| 8.900-464.0  | Kit 24, Crankcase Oil Seal   |
| 8.900-466.0* | Kit 27, Plunger Repair       |
| 8.900-468.0* | Kit 28, Plunger Repair       |
| 8.900-471.0* | Kit 29, Plunger Repair       |
| 8.900-476.0  | Kit 37, Oil Seal             |
| 8.900-485.0  | Kit 83, Oil Seal             |
| 8.900-492.0  | Kit 97, Packing              |

\*These are old style kits to replace components in Interpump / General pumps with two brown Buna-V packings (pumps built before the change was made to restop ring and black low-pressure seals).

#### **JETTER PULSE VALVES**





 Replaces valve cap to create pulsation action, to move nozzle in pipe cleaning applications.

| PART NO.    | DESCRIPTION                      |
|-------------|----------------------------------|
| 8.755-228.0 | For Legacy GB / GF / GP Series   |
| 8.755-229.0 | For Legacy GM Series / GS Series |
| 8.755-230.0 | For Legacy GT Series             |
| 8.755-231.0 | For Legacy GX Series, 4350 PSI   |
| 8.712-249.0 | For GP 47 Series Pump            |
| 8.712-250.0 | For GP TT Pumps                  |

#### **ACCUMULATOR BY INTERPUMP**

Pulse dampener.



■ PSI Max: 1350

■ 3/4" MPT Connector

ij

■ GPM Max: 10

■ Weight: 1 lbs.

| PART NO.    | MAX PSI | MAX GPM | DESCRIPTION |
|-------------|---------|---------|-------------|
| 8.711-148.0 | 1350    | 10      | Accumulator |

### **ACCUMULATOR - PULSE DAMPENER**

Pulse dampener.





■ Precharge Pressure PSI: 580 ■ Temperature Max: 180°F

| PART NO.    | WORKING PSI | CAPACITY | INLET  |
|-------------|-------------|----------|--------|
| 8.711-145.0 | 3100        | 21.4 CU" | 1/2" F |
| 8.711-146.0 | 3100        | 6.1 CU"  | 3/8" F |
| 8.711-147.0 | 4400        | 2.5 CU"  | 3/8" F |

# **INTERPUMP / GENERAL PUMP - V-PACKING INSERTION TOOL KIT**



- Contains inserting tools for installing 20 mm, 22 mm and 24 mm V-packings in the packing gland
- Prevents damage to sealing surfaces

| PART NO.    | DESCRIPTION                                |
|-------------|--|
| 8.712-519.0 | V-Packing Kit                              |
| 9.109-643.0 | V-Packing Kit,<br>15mm and 18mm, 63 Series |

# **PUMP TOOLS - EXTRACTOR PLIERS & DENTAL PICK**



- Indispensable for Pump Repair
- Excellent for removing O-rings, seals, and more
- 6" Long Dental Pick
- Stainless-Steel
- Knurled Handle
- Double-End

| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.707-467.0 | Dental Pick            |
| 9.802-568.0 | Pliers, Seal Extractor |

# PUMP PACKING EXTRACTOR HAMMER & SOCKETS

Virtually unbreakable sockets will pull packings from Interpump, General and other brand pumps.

Easy to use: Slide-Hammer (shown below) attaches to slotted socket which expands inside the packing gland. The slide hammer then pops the packing gland brass out of the head to facilitate easy seal repairs without damage to brass support rings.



| PART NO.       | DESCRIPTION         |
|----------------|---------------------|
| SLIDE HAMMER   |                     |
| 8.712-513.0    | Hammer Only         |
| SOCKETS FOR R  | EGULAR SLIDE HAMMER |
| 8.712-516.0    | 18 mm Socket        |
| 8.712-515.0    | 15 mm Socket        |
| 8.712-517.0    | 20 mm Socket        |
| 8.712-518.0    | 22 mm Socket        |
| 8.712-520.0    | 25 mm Socket        |
| LARGE SLIDE HA | AMMER               |
| 8.712-521.0    | Large Slide Hammer  |
| SOCKETS FOR LA | ARGE SLIDE HAMMER   |
| 8.712-523.0    | 30 mm Socket        |
| 8.712-524.0    | 38 mm Socket        |
| 8.712-525.0    | 45 mm Socket        |

# **INTERPUMP PACKING / EXTRACTION**



Expansion tool inserts into packing gland to remote lodged packing components



| PART NO.      | DESCRIPTION              |
|---------------|--------------------------|
| 8.712-522.0   | Extractor Only           |
| EXPANSION SOC | KETS FOR EXTRACTOR ABOVE |
| 8.712-526.0   | 15 mm, Ref Kit 86 and 97 |
| 8.712-528.0   | 20 mm, Ref Kit 8 and 19  |
| 8.712-529.0   | 22 mm, Ref Kit 12        |
| 8.712-530.0   | 24 mm, Ref Kit 16        |

Note: 15 mm Expansion Sockets also Fit Admiral Pump W-Series Pumps.

#### **PUMP OIL**





- Quality mineral base lubricating oil ideal for use in high pressure piston precision plunger pumps.
- Blended with wear, rust and foam inhibitors.
- Available in 10W30 & 10W40

| PART NO.    | DESCRIPTION                         |
|-------------|-------------------------------------|
| 8.923-425.0 | Pump Oil 10W40, Quart               |
| 8.901-077.0 | Pump Oil 10W30, Quart               |
| 8.901-080.0 | Pump Oil 10W30, Case<br>(12 Quarts) |

### **GEAR BOX LUBE**





- A premium-quality lubricating oil fortified with additives to reduce friction, foaming and corrosion.
- Ideal for use in heavy industrial applications requiring hydraulic based lubricant.

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.756-854.0 | Pump Lube, Quart |
| 9.808-016.0 | Case Lot, Qty 12 |

#### **PUMP LUBE**





- A multi-viscosity SAE 80W 90 lubricant with anti-friction, anti-foaming and corrosioninhibitor additives.
- Use in Admiral Geared Speed Reducers and Interpump / General RS99, RS151, PTO and other high-speed gear boxes.

| PART NO.    | DESCRIPTION              |  |
|-------------|--------------------------|--|
| 8.756-728.0 | Gear Lube, 2-1/2 Gallons |  |

# GP PUMP PACKING / EXTRACTION KIT - COMPLETE





- 13 mm 24 mm in a Carrying Case
- Slide Hammer
- 13 mm, 15 mm, 18 mm, 20 mm, 22 mm and 24 mm Sockets
- Fits General Pumps

| PART NO.    | DESCRIPTION            |  |
|-------------|------------------------|--|
| 8.723-619.0 | Puller & Packaging Kit |  |

# **GEAR REDUCTION**



Fits Legacy, Admiral, Bertolini, GP, Interpump, Comet, Udor & Hawk. Please be sure to check with your representative to ensure the proper gearbox for your pump.



- Engine-to-Pump Drive Units
- 2.18 to 1 Reduction Ratio (3,675 Eng. RPM = 1,750 Pump RPM)
- Engine Shaft Size = .0984", 1", 1-1/8" & 3/4"
- 18-24HP Range, Input Shaft =1", Output Shaft= 24mm, 87mm Flg. Mout.

| PART NO.    | DESCRIPTION                                |
|-------------|--|
| 8.710-332.0 | 24 mm Pump x 1-1/8" Engine                 |
| 8.710-333.0 | 30 mm Pump x 1" Engine                     |
| 8.715-344.0 | 25 mm Pump x 1" Engine, B18                |
| 8.715-342.0 | 24 mm Pump x 1" Engine, B18                |
| 8.749-925.0 | 24 mm Pump x 0.984" / 25 mm<br>Engine, B18 |
| 8.749-922.0 | 24 mm Pump x 3/4" Engine, B5               |
| 8.754-767.0 | 25 mm Pump x 1-1/8" Engine, B24            |
| 8.710-334.0 | 30 mm Pump x 1-1/8" Engine                 |
| 8.710-336.0 | 24 mm Pump x 1-1/8" Engine                 |
| 9.115-049.0 | YGR1000P 18-24HP                           |

### **ANTI-SEIZE COMPOUND**

Recommended for all metal-to-metal, power-drive assemblies. Facilitates removal after use.



- Copper-Graphite or Nickel
- Copper-graphite high-torque for high temperature to 1800°F
- Nickel continues to work up to 2400°F
- Stops rust, galling and seizure on pulley / shaft or gear / shaft interfaces

| PART NO.    | DESCRIPTION                                       |  |
|-------------|---|--|
| 8.704-638.0 | Blister Pack, 1 application, Copper<br>- Graphite |  |
| 8.704-641.0 | 8 oz. Brush Top Can - Nickel                      |  |

# **GEARED REDUCTION UNITS -INTERPUMP / GENERAL PUMP**



For use with 1450 RPM Interpump, General Pumps & Admiral A-W99.

■ Eliminates Belts. Pullevs and Belt Guards



#### RS99:

2.4:1 Gear Reduction (3480 Engine RPM = 1450 RPM Pump) for 3-5 HP Briggs, Honda-Tecumseh-Kohler with 3/4" Shaft.

■ Engine-to-Pump Drive Units

■ Improve Efficiency



#### RS151:

2.2:1 Gear Reduction (3190 Engine RPM = 1450 RPM Pump) for 7-18 HP Briggs. Honda Engines with 1" or 1-1/8" Shaft (must specify). Use with the appropriate size: "WS" Series Interpump, "TS" Series General Pump.

| PART NO.    | ENGINE SHAFT |
|-------------|--------------|
| RS-99       |              |
| 8.710-321.0 | 3/4"         |
| RS-151      |              |
| 8.710-322.0 | 1"           |
| 8.710-324.0 | 1-1/8"       |

### **PTO GEARED MULTIPLIER**



- 1 to 1.9 Speed Multipler
- 1-3/8" Splined Shaft (Same shaft as standard tractor PTO)
- 540 RPM PTO speed multiplied to 1,026 RPM at pump shaft
- For Pumps with a 24 mm Shaft

| PART NO.    | DESCRIPTION     |
|-------------|-----------------|
| 8.710-319.0 | Gear Multiplier |

### **PUMPTECH PUMP**

The Pumptech Pump is a twin plunger design originally used on the Hotsy model Sport 500.



- PSI Max: 1000
- GPM Max: 2.0

| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 8.715-240.0 | Pump-Sport 500        |
| 8.707-369.0 | Cranshaft             |
| 8.707-370.0 | Seal Kit with Plunger |
| 8.700-187.0 | Check Valve Kit       |

# **FLANGES - LEGACY**



■ Direct attachment of Legacy Pumps to NEMA Standard C-Face Motors.

| PART NO.    | NEMA FRAME      | PUMP SERIES |
|-------------|-----------------|-------------|
| 8.754-098.0 | 184 TC / 215 TC | GM          |
| 8.754-099.0 | 184 TC / 215 TC | GT-GX       |

### **FLEX COUPLERS - LEGACY**







- Pump shaft couplers.
- Direct-drive self-adjusting resilient coupling Legacy pumps to NEMA Standard Motor Shafts.

| PART NO.    | MOTOR DRIVE COUPLING | PUMP SERIES |
|-------------|----------------------|-------------|
| 8.754-100.0 | 1-1/8" x 24 mm       | GM          |
| 8.754-101.0 | 1-3/8" x 24 mm       | GM          |
| 8.754-103.0 | 1-3/8" x 25 mm       | GT-GX       |

# FLANGES - INTERPUMP / **GENERAL PUMP**







■ Direct attachment of Interpump / General Pumps to NEMA Standard C-Face Motors.

| PART NO.                                  | NEMA FRAME                      | PUMP FRAME SIZE                 |
|---|---------------------------------|---------------------------------|
| 8.709-613.0                               | 56 / 145TC                      | 56 / 145TC                      |
| 8.709-615.0                               | 184TC*                          | 184TC*                          |
| 8.709-616.0                               | 215TC**                         | 215TC**                         |
| 8.709-870.0                               | 8-13 HP (G)                     | 8-13 HP (G)                     |
| 8.709-613.0<br>8.709-615.0<br>8.709-616.0 | 56 / 145TC<br>184TC*<br>215TC** | 56 / 145TC<br>184TC*<br>215TC** |

\*W995 / GD \*\*W913 / GM

# FLEX COUPLERS - INTERPUMP /







■ 24 mm pump shaft couplers. Direct-drive flex coupling 24 mm Interpump / General and Admiral XLS Series pumps to NEMA Standard Motor Shafts.

| PART NO.        | NEMA FRAME      | DRIVE SHAFT |  |  |  |
|-----------------|-----------------|-------------|--|--|--|
| 2-PIECE COUPLER |                 |             |  |  |  |
| 8.709-617.0     | 56 A            | 5/8"        |  |  |  |
| 8.709-619.0     | 145T            | 7/8"        |  |  |  |
| 8.709-621.0     | 184 T           | 1-1/8"      |  |  |  |
| 8.709-624.0     | 215 T           | 1-3/8"      |  |  |  |
| 8.709-869.0     | Gas (Aluminum)  | 1"          |  |  |  |
| 8.701-262.0     | Rubber Bumper - | Replacement |  |  |  |

#### **PUMP TECHNICAL INFORMATION**

Correct pump installation is essential for optimum performance. It is recommended that the pump flow capacity be oversized for the actual flow required. For optimum running of the system, the water circulated through the regulating valve should not exceed 10-15% of the pump flow. Recirculating too much water can generate heat in the supply tank increasing the cavitation risk.

#### FREQUENTLY ASKED QUESTIONS

#### How much should you reduce the pump RPM to achieve a lower flow capacity?

Required RPM = Expected Capacity x 
$$\frac{\text{Max RPM Allowed}}{\text{Max Allowed Capacity}}$$

#### What diameter of pulley must I use to achieve the correct pump RPM?

#### What if I cannot change the engine / motor pulley?

#### If the engine / motor is running at a lower RPM than the maximum pump RPM allowed, what will be the pump flow capacity?

#### What is the approximate power required to achieve the maximum performances allowed?

Required Electric Motor HP 
$$\frac{PSI \times GPM}{1460} = Electric Motor HP$$
Required Gas Engine HP 
$$\frac{PSI \times GPM}{1460} \times 1.30 = Gas Motor HP$$

#### **CONDITIONS TO PREVENT PUMP CAVITATION**

Minimum difference in height HZ (Pos / Neg) between pump and water level.

The minimum inlet pressure value of the pump is limited by the cavitation phenomenon. Cavitation is the forming of vapor bubbles when the local pressure is below the vapor pressure of the liquid. Bubbles flow together with the liquid and when they reach a higher pressure area, they collide, generating abnormal stresses that are extremely dangerous to the pump components. To avoid the risk of cavitation, it is necessary that the pump installation is correct.

#### YAMADA PUMPS

**Yamada** 

Air-powered double diaphragm pump, "Reliable Performance Since 1905". The answer to difficult product transfer problems. Air-drive allows freedom from electrical hazards or explosion-proof motor requirements. Choose from various wetted-parts materials to customize the pump to the chemical being pumped. Yamada's smaller pumps are often used for pumping car wash chemical for 'low-pressure' functions. The 1/2" pump is also ideal for rapidly pumping oil, soap, etc., from 55 gallon barrels. Larger pumps are used for high-volume product transfer. Since all pumps are designed without rotating parts, they can also handle abrasive liquids such as ceramic slip, sand slurry or enamel frit without damage. Have a unique challenge? Call us for help!





8.702-180.0

8.702-183.0

- PSI: 100
- Temperature: 180°F
- Environmentally-Friendly Non-Lube Air Valve
- Automatic Start/Stop
- Non-Stalling Air Valve Positive Switching Every Stroke and Won't Ice Up
- Outside Accessible Air Valve: Easy Inspection & Maintenance
- Bolted Flange Connections: Leak-free & Easy Maintenance

- Built-in Abrasion and Chemical-Resistance
- Virgin Diaphragm Material Lasts
   Twice as Long as Other Pumps
- With 20-100 PSI Drive Air: 1/4" Model Delivers 3.4 GPM 1/2" Model Delivers 15 GPM 3/4" Model Delivers 19.5-27.3 GPM 1" Model Delivers 35.7-48.3 GPM
- Infinitely Variable Flow Control Regulated by Opening or Closing Discharge Side Valve and/or Fluctuating Air Supply

| PART NO.    | INTAKE AND<br>DISCHARGE | AIR INLET<br>W/BALL VALVE | AIR EXHAUST<br>W/B-I MUFFLED | PUMP BODY | DIAPHRAGM<br>MATERIAL | MAX FLOW<br>@ 100 PSI | MAX SOLID |
|-------------|-------------------------|---------------------------|------------------------------|-----------|-----------------------|-----------------------|-----------|
| 8.702-180.0 | 1/4" FPT                | 1/4" FPT                  | 3/8" FPT                     | Poly      | Teflon®               | 3.4 GPM               | N/A       |
| 8.702-201.0 | 3/8" FPT                | 1/4" FPT                  | 3/8" FPT                     | Poly      | Santoprene®           | 6 GPM                 | 1/32"     |
| 8.702-182.0 | 1/2" FPT                | 1/4" FPT                  | 3/8" FPT                     | Poly      | Hytrel®               | 15 GPM                | 1/32"     |
| 8.702-183.0 | 1/2" FPT                | 1/4" FPT                  | 3/8" FPT                     | Poly      | Santoprene®           | 15 GPM                | 1/32"     |
| 8.702-184.0 | 1/2" FPT                | 1/4" FPT                  | 3/8" FPT                     | Poly      | Teflon®               | 15 GPM                | 1/32"     |
| 8.702-190.0 | 3/4" FPT                | 1/4" FPT                  | 3/4" FPT                     | Poly      | Teflon®               | 27.3 GPM              | 1/16"     |
| 8.702-192.0 | 1" FPT                  | 3/8" FPT*                 | 3/4" FPT                     | Poly      | Neoprene              | 48.3 GPM              | 3/16"     |
| 8.702-193.0 | 1" FPT                  | 3/8" FPT*                 | 3/4" FPT                     | Poly      | Hytrel®               | 48.3 GPM              | 3/16"     |
| 8.702-194.0 | 1" FPT                  | 3/8" FPT*                 | 3/4" FPT                     | Poly      | Teflon®               | 48.3 GPM              | 3/16"     |
| 8.702-202.0 | 1-1/2" FPT              | 1/2" FPT*                 | 3/4" FPT                     | Alum      | Buna-N                | 116 GPM               | 9/32"     |

<sup>\*</sup>With air-cock instead of ball valve

#### YAMADA PUMPS DIAPHRAGM KITS



To minimize downtime, Yamada pumps are designed for quick, trouble-free maintenance. Pump diaphragms, balls and seats can be replaced in 20 minutes or less and with little chance of leaks commonly associated with other diaphragm pumps.

■ Kits include everything required for routine maintenance



| PART NO.    | KIT                 | PUMP SIZE | YAMADA PUMP NO. |
|-------------|---------------------|-----------|-----------------|
| 8.703-277.0 | Teflon <sup>®</sup> | 1/4"      | 100381          |
| 8.703-278.0 | Hytrel®             | 1/2"      | 100383          |
| 8.703-279.0 | Santoprene          | 1/2"      | 100384          |
| 8.703-281.0 | Teflon®             | 1/2"      | 100385          |
| 8.703-282.0 | Neoprene            | 3/4"      | 100391          |
| 8.703-283.0 | Buna                | 3/4"      | 100392          |
| 8.932-947.0 | Teflon <sup>®</sup> | 3/4"      | 100394          |
| 8.703-284.0 | Neoprene            | 1"        | 100396          |
| 8.703-285.0 | Hytrel®             | 1"        | 100397          |
| 8.703-286.0 | Teflon <sup>®</sup> | 1"        | 100398          |
| 8.703-320.0 | Buna                | 1-1/2"    | 100415          |

Note: Individual Components (O-rings or Diaphragms Only, For Example) Also Available. Call For Pricing and Delivery.

#### **UNLOADER VALVES - UU1 UNIVERSAL**

The Legacy Universal Unloader is unique in that it allows for height or width adjustments making it ideal for any pump.





- PSI: 3500
- GPM: 6.0
- Temperature: 195°F
- Forged-Brass Body
- 1/2" NPT Inlet

- 3/8" NPT Outlet
- Stainless-Steel and low friction, wear-resistant plunger
- Weight: 16.1 oz.
- Pantent US 8,313,311 B2`

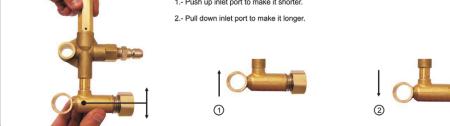
#### PART NO. **DESCRIPTION**

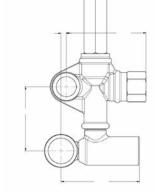
9.175-018.0 Legacy Universal Unloader (UU1)

Note: Legacy Universal Unloader (UU1) will not fit Legacy Pump GF 3530F



1.- Push up inlet port to make it shorter.





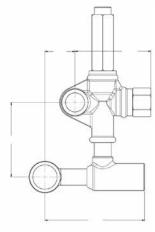


- 1.- Turn the connector clockwise direction to make it shorter
- 2.- Turn the connector counterclockwise direction to make it longer.









### **UNLOADER VALVES - VBT SERIES**

A trapped pressure direct mount unloader valve.



- GPM: 6.6
- Temperature: 195°F
- Weight: 1.95 oz.
- Brass, Stainless, Buna-N

| PART NO.    | DESCRIPTION                 | CONNECTION                       | PSI  | FITS PUMP  |
|-------------|-----------------------------|----------------------------------|------|------------|
| 8.754-703.0 | Universal, VBT Direct Mount | 3/8" FPT Inlet x 3/8" MPT Outlet | 1500 | FOG        |
| 8.754-696.0 | Universal, VBT Direct Mount | 1/2" FPT Inlet x 3/8" MPT Outlet | 3000 | LB, LP, LF |
| 8.754-700.0 | Universal, VBT Direct Mount | 1/2" FPT Inlet x 3/8" MPT Outlet | 4000 | LB, LP, LF |
| 8.754-701.0 | Universal, VBT Direct Mount | 1/2" FPT Inlet x 3/8" MPT Outlet | 4000 | LB, LP, LF |
| 8.754-702.0 | Universal, VBT Direct Mount | 1/2" FPT Inlet x 3/8" MPT Outlet | 4000 | LM, LS     |

#### **UNLOADER VALVES - APR SERIES**

Integral Automatic Pressure Regulator for Admiral Pumps: WE - WG - WEL - XLS - XLE - XLG bolt on for Admiral and Legacy pumps. Trapped-pressure regulator specifically designed for use on the Admiral plunger pumps. Integral inlet, bypass and outlet eliminate the need for bypass hose.



- PSI: 3200
- GPM: 6.0
- Temperature: 195°F
- Forged-Brass Body
- 3/8" MPT Oulet
- Stainless-Steel Plunger and Seat Valve
- Weight: 29 oz.

#### 8.703-401.0

| PART NO.    | DESCRIPTION            | INLET |
|-------------|------------------------|-------|
| 8.703-401.0 | APR.I 25-Brass / Black | 3/8"  |
| 9.802-365.0 | APR.I 30-Brass / Black | 1/2"  |
| 8.900-760.0 | Seal Repair Kit        | 3/8"  |
| 8.900-761.0 | Seal Repair Kit        | 1/2"  |

### **UNLOADER VALVES - VR54/56**

Basic valves, premium performance.





- Temperature: 194°F
- Forged-Brass Body
- Stainless-Steel Seat and Piston
- 3/8" MPT Inlet. Outlet & 3/8 FPT Bypass

#### VR54 Black Regulator / Unloader

- PSI: 2030
- Max PSI: 2175 PSI
- VR54 Red Regulator / Unloader
- PSI: 2610
- Max PSI: 2900 PSI
- VR56 Regulator / Unloader
- PSI: 3625

- Max PSI: 3400 PSI
- GPM: 8.0

■ GPM: 8.0

■ GPM: 8.0

■ Weight: 15 oz.

■ Weight: 13.7 oz.

■ Weight: 15 oz.

#### Repair Kits

■ For Use with VR54/VR56 Regulator/Unloaders

| PART NO.    | DESCRIPTION          |
|-------------|----------------------|
| 8.753-028.0 | VR54 Black with Knob |
| 8.753-029.0 | VR54 Red with Knob   |
| 8.753-017.0 | VR56 with Knob       |

#### **UNLOADER VALVES - VR53**



- PSI: 3630
- GPM: 8.0
- Temperature: 194°F
- 3/8" FPT Inlet and Outlet, 1/4" FPT Bypass
- Adjustable Pressure Setting Nut
- Heavy-Duty Forged-Brass Body
- Stainless-Steel Ball and Valve Seat
- High-Temperature Viton Seals
- Adjustable Upper-Pressure Limit Lock

| PART NO.    | DESCRIPTION          | PSI  | GPM |
|-------------|----------------------|------|-----|
| 8.753-027.0 | VR53<br>without Knob | 3630 | 8   |
| 8.753-026.0 | VR53<br>with Knob    | 3630 | 8   |

# **UNLOADER VALVES - VR56/ VBA35 SERIES**



Commonly used on Legacy HD Pumps.



#### VBA35

- PSI: 3500
- GPM: 6.6

#### **VB56**

- PSI: 3650
- GPM: 8.0

| PART NO.                  | DESCRIPTION                | PSI  | GPM |  |  |  |
|---------------------------|----------------------------|------|-----|--|--|--|
| VBA35 FOR LEGA            | VBA35 FOR LEGACY HD MODELS |      |     |  |  |  |
| 9.803-899.0               | GG, GD, GE                 | 3500 | 6.6 |  |  |  |
| 9.803-900.0               | GM, GS                     | 4000 | 6.6 |  |  |  |
| VB56 FOR LEGACY HD MODELS |                            |      |     |  |  |  |
| 8.753-011.0               | GM, GS                     | 3650 | 8.0 |  |  |  |

# **UNLOADER VALVES - VB3**

Commonly used on Legacy HD Pumps.



#### VR3

- PSI: 3200
- GPM: 6.5
- 3/8" NPT Inlet and Outlet and Bypass

| PART NO.       | DESCRIPTION  | PSI  | GPM |
|----------------|--------------|------|-----|
| VBA35 FOR LEGA | CY HD MODELS |      |     |
| 8.725-384.0    | VB3 3/8" NPT | 3200 | 6.5 |

# **UNLOADER VALVES -VRT3 SERIES**



Basic valves, premium performance.



- GPM: 8.0
- Temperature: 200°F
- Forged-Brass Body
- Stainless Internals
- 3/8" Inlet, Outlet, Bypass
- EZ Start models do not have dual inlets

| PART NO.    | DESCRIPTION                                  | PSI            | GPM |
|-------------|--|----------------|-----|
| 8.750-297.0 | Yellow Spring                                | 2320           | 8.0 |
| 8.750-298.0 | Blue Spring                                  | 3630           | 8.0 |
| 8.750-299.0 | Black Spring                                 | 4500           | 8.0 |
| 8.750-300.0 | Black with EZ Start                          | 4500           | 8.0 |
| 8.750-955.0 | Black with Switch                            | 4500           | 8.0 |
| 8.750-956.0 | Black with Knob<br>Switch                    | 4500           | 8.0 |
| 8.750-821.0 | Blue Spring w/o<br>Knob                      | 3630           | 8.0 |
| REPAIR KITS |  |                |     |
| 8.750-709.0 | Kit for Blue &<br>Yellow Spring<br>Unloaders | 2320 /<br>3630 | 8.0 |
| 8.750-710.0 | Kit for Black<br>Spring Unloaders            | 4500           | 8.0 |
| 9.802-694.0 | Old Style VRT3<br>Kit-605,606,607            | Up to 4500     | 8.0 |

# **UNLOADER VALVES - VRT100 HIGH-VOLUME SERIES**





- GPM: 26.4
- Temperature: 194°F
- 1/2"FPT, Inlet, Outlet & Bypass
- Stainless Internals
- Forged-Brass Body

| PART NO.    | DESCRIPTION   | PSI        | GPM  |
|-------------|---|------------|------|
| 8.753-726.0 | Blue<br>with Knob   | Up to 5075 | 26.4 |
| 8.753-443.0 | Yellow<br>without Knob                                      | Up to 2760 | 26.4 |
| 8.753-444.0 | Blue<br>without Knob  | Up to 5075 | 26.4 |
| 8.753-727.0 | Blue with<br>Microswitch<br>120 / 240 VAC<br>- without Knob |            | 26.4 |
| 8.753-728.0 | VRT100<br>Repair Kit  | Up to 5075 | 26.4 |

# **UNLOADER VALVES -PULSAR RV SERIES**



- GPM: 8.0
- Temperature: 195°F
- Pulsar RV Blue Rated 4050 PSI, Max PSI: 4500
- Pulsar RV White Rated 2300 PSI, Max PSI: 2600



- All Stainless-Steel Valves
- Pressure Actuated
- Forged Body
- 3/8" FPT Inlet, Outlet
- Two 3/8" FPT Bypass Ports

| PART NO.    | DESCRIPTION                            | GPM |
|-------------|--|-----|
| 8.754-867.0 | Pulsar RV, White,<br>with Knob         | 8.0 |
| 8.754-870.0 | Repair Kit- Pulsar RV                  | 8.0 |
| 8.754-866.0 | Pulsar RV, Blue,<br>without Knob       | 8.0 |
| 8.754-868.0 | Pulsar RV, Blue,<br>with Knob          | 8.0 |
| 8.754-869.0 | Pulsar RV, Blue,<br>with Knob & Switch | 8.0 |

#### **UNLOADER VALVES - VB7 SERIES**



Fits GP/Interpump 63 Series, CAT 4SF pumps as well as many other pumps requiring up to 8 GPM - 3650 PSI max pressure.



- PSI Max: 3650
- Temperature: 195°F
- Weight: 19.7 oz.

| PART NO.    | DESCRIPTION  | PSI  |
|-------------|--|------|
| 8.712-741.0 | without Knob, 3/8 MPT<br>Inlet, 3/8 FPT Outlet<br>& Bypass | 3650 |
| 8.904-580.0 | w/ Knob, 2.1 Fixed Inj.,<br>3/8 MPT Inlet & Outlet         | 3650 |
| 8.704-488.0 | Repair Kit   |      |
| 8.712-735.0 | Knob Only  |      |

# **UNLOADER VALVES - VB8 SERIES**



- Trapped Pressure ■ 8 GPM
  - 3200 MIN-3650 PSI Max ■ Temp- 195 Deg

| PART NO.    | DESCRIPTION   |
|-------------|---|
| 9.802-362.0 | w/ Knob & Switch, 5 Amp<br>Microswitch, 3/8" MPT Inlet,<br>3/8" FPT Outlet & Bypass |
| 8.757-462.0 | w/o Knob, 3/8" MPT Inlet, 3/8" FPT Outlet   |

# **UNLOADER VALVES - VB130/135**



Trapped Pressure Unloader for the 51 & 60 Series pumps. Fits CAT 2SF pumps as well as others.



- PSI Max: 2600
- Temperature: 195°F
- 3/8" MPT Inlet and Outlet
- 3/8" FPT Bypass
- Stainless-Steel Plunger
- Stainless-Steel Valve Seat
- Weight: 14.7 oz.

| PART NO.    | DESCRIPTION   | ТЕМР  |
|-------------|---|-------|
| 8.712-739.0 | VB 130<br>Without Knob  | 195°F |
| 8.904-579.0 | VB-135- with Knob,<br>Banjo Connection,<br>Hollow Screw Fitting | 195°F |
| 9.802-006.0 | Repair Kit  | 195°F |
| 8.712-735.0 | Knob Only   | 195°F |

#### **UNLOADER VALVES - VB85 / 280 SERIES**



Fits CAT 2SF pumps and other pumps. This pressure sensitive regulating unloader is designed for single or multiple pumps, weep or multi-nozzle systems.



- GPM: 21
- Temperature: 200°F
- Pressure Actuated
- Forged-Brass Body
- Stainless-Steel Plunger and Seat
- 1/2" FPT Inlet, Outlet, Bypass
- Weight: 45 oz.

| PART NO.    | DESCRIPTION                        | PSI  | GPM | MAX PSI |
|-------------|------------------------------------|------|-----|---------|
| 8.751-964.0 | VB85/<br>YUB21405,<br>Blue Spring  | 4050 | 21  | 4500    |
| 8.751-963.0 | VB85/<br>YUW21235,<br>White Spring | 2300 | 21  | 2600    |

# **UNLOADER VALVES - VB80 / 400** STAINLESS-STEEL







- GPM: 21.0
- Forged Stainless-Steel Body
- All Stainless-steel Valve Parts
- Viton Seals
- 1/2" FPT Inlet, Outlet, Bypass

| PART NO.    | DESCRIPTION        | GPM | ТЕМР  |
|-------------|--------------------|-----|-------|
| 8.712-656.0 | VB 80/400 - YU2158 | 21  | 195°F |
| 9.802-007.0 | Repair Kit         | 21  | 195°F |

# **UNLOADER VALVES - VB200 HIGH-VOLUME SERIES**

Fits CAT 2SF pumps and other pumps.

- PSI: 2175
- GPM: 52.5
- Temperature: 194°F
- Steel and Brass Body
- Large Plastic Knob (Removable)
- Lock Nut on Pressure Adjustment
- 1" FPT Inlet, Outlet, Bypass



- Hexagonal shaped check valve to avoid jamming
- Weight: 73.5 oz.

| PART NO.    | DESCRIPTION            | PSI  | GPM  |
|-------------|------------------------|------|------|
| 8.712-754.0 | VB 200 without<br>Knob | 2200 | 52.5 |
| 8.712-755.0 | VB 200 with Knob       | 2200 | 52.5 |
| 8.704-583.0 | Repair Kit             | 2200 | 52.5 |

### **UNLOADER VALVES - VB75 / VB135 SERIES**



#### **VB75**

- Rated PSI- 3200, Max PSI 3650
- Temperature: 195°F
- 1/2" FPT Inlet, 1/4" FPT Gauge Port
- 3/8" FPT Oulet and Bypass
- Weight: 19.7 oz.

**VB75** 





**VB135** 

# VB135

- Rated PSI: 2300, Max PSI: 2600
- Temperature: 195°F
- 3/8" FPT Inlet, 3/8" MPT Outlet
- 6.5 GPM
- Stainless Internals
- Forged-Brass Body
- Weight: 22.9 oz.

| PART NO.    | DESCRIPTION   |
|-------------|---|
| VB75        |   |
| 8.712-742.0 | VB75 Direct Mount Control Set<br>for EZ, 47, 60, 63 & W151 Series |
| 8.704-488.0 | Seal Kit  |
| 8.712-735.0 | Knob Only   |
| 8.705-934.0 | 1/2" Bolt with Hole   |
| VB135       |   |
| 8.712-659.0 | VB135- Direct Mount Control Set for WW & TT Series Pumps          |
| 8.712-735.0 | Knob Only   |
| 9.802-006.0 | VB 135 Repair Kit   |
| 8.705-935.0 | 3/8" Bolt with Hole   |

# UNLOADER VALVES - VB9 / VB10 TRAPPED PRESSURE SERIES





- PSI: 3600
- Rated PSI: 3200
- GPM: 8.0
- Instant Pressure Response
- Hex-Shaped Non-stick Check Valve
- 3/8" FPT Inlet, Outlet, Bypass
- Brass Valve Body / Stainless Ball and Seat
- Knob Included
- VB9 Panel Mountable
- Reduces trapped pressure to 25% of operating pressure when unloading; allows easier gun trigger pull

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 8.712-736.0 | VB9 with Knob - YVB9K                                  |
| 8.715-462.0 | VB9 with Knob and Pressure<br>Switch - YVB9KMS2        |
| 8.715-489.0 | VB9 with Check Valve and<br>Pressure Switch - YVB9KMSS |
| 8.712-745.0 | VB10 with Knob - YU3678                                |
| 8.704-548.0 | Repair Kit VB9   |
| 8.704-561.0 | Repair Kit VB10  |
| 8.901-056.0 | Seal Kit VB10  |

# **UNLOADER VALVES - VB350 / VB7 SERIES**



Bigger. Stronger. Faster - 5650 PSI.



- PSI Max: 5650
- Rated PSI: 5075
- GPM: 10.0
- Temperature Max: 195°F
- Forged-Bronze Body
- Stainless-Steel Plunger and Valve Seat
- 3/8" FPT Outlet
- 1/2" F Bypass
- 3/8" MPT Inlet, 1/4" Gauge Port
- Weight: 31 oz.

| PART NO.    | DESCRIPTION                     | TEMP  |
|-------------|---------------------------------|-------|
| 9.802-360.0 | Unloader, Red Knob<br>(YU5075K) | 195°F |
| 9.800-106.0 | Repair Kit, Red Knob            | 195°F |
| 8.704-499.0 | Repair Kit, Old VB 350          | 195°F |

# UNLOADER VALVES -CONTROL SET "W" SERIES



Integrated Regulator & Unloader designed exclusively to fit Interpump & General Pump pumps.



- Mounts directly on pump inlet and outlet; internal bypass loop
- Pressure Actuated: "Instant-On"
- 3/8" MPT Inlet & Outlet, 1/4" HB (8.712-638.0, 8.712-643.0)
- 1/2" FPT Inlet, 3/8" MPT Outlet, 1/4" HB (8.712-644.0, 8.712-642.0, 8.712-647.0)
- Integrated Injector Optional
- Pressure and flow-engineered for specific pump models

| PART NO.                            | MODEL                    | GPM    | PSI       | PUMP  |  |
|-------------------------------------|--------------------------|--------|-----------|-------|--|
| "W" SERIES UNI                      | OADERS.                  | WITHO  | UT INJECT | ORS   |  |
| 8.712-638.0                         | W1                       | 3.0    | 1600      | W905  |  |
| 8.712-643.0                         | W2                       | 4.5    | 3000      | W997  |  |
| 8.712-644.0                         | W2-L                     | 6.0    | 3000      | W201  |  |
| 8.702-883.0                         | W2 / W                   | 2L Reb | uild Kit  |       |  |
| 8.702-888.0                         | W1 / W1L Rebuild Kit     |        |           |       |  |
| "W" SERIES UNLOADERS WITH INJECTORS |                          |        |           |       |  |
| 8.712-642.0                         | W2-1                     | 4.5    | 3000      | W997  |  |
| 8.712-645.0                         | W2L-1                    | 4.5    | 3000      | W201  |  |
| 8.712-647.0                         | W2L-2                    | 6.0    | 3000      | WS202 |  |
| 8.702-884.0                         | Injector Maintenance Kit |        |           |       |  |

# UNLOADER VALVES - KITS FOR K / ZK SERIES



Repair Kits for all K3, K5, K7 and K9 models.

| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.702-847.0 | K5/K58 Maintenance Kit |
| 8.702-849.0 | K5/K60 Rebuild Kit     |
| 8.705-045.0 | K5 Back Nut 3/4" NPT   |
| 8.702-858.0 | K7/K70 Repair Kit      |
| 8.702-911.0 | K9/K121 Repair Kit     |

# UNLOADER VALVES -K / ZK SERIES

Unloaders relieve line pressure in bypass mode.









ZK3 / ZK5

- Temp: 165°F
- 3/8" FPT Inlet
- ZK3: 1500 PSI ZK5: 3000 PSI

#### ZK1

- Temp: 165°F
- 3/8" FPT Inlet
- 3600 PSI
- GPM: 2.3 10.8

#### ZK7

- Temp: 165°F
- 3/8" FPT Inlet
- 3500 PSI
- GPM: 2.11 10.8

#### ZK9

- Temp: 165°F
- 1/2" FPT
- 5800 PSI
- GPM 2.5 TO 13.2

| PART NO.    | MODEL    | GPM             | OUTLET |
|-------------|----------|-----------------|--------|
| ZK1         |          |                 |        |
| 8.712-602.0 | ZK138    | 2.30 - 10.80    | 3/8" M |
| 8.712-601.0 | ZK1      | 2.30 - 10.80    | 1/2" M |
| ZK3         |          |                 |        |
| 8.712-603.0 | ZK3.0    | 2.10 - 3.00     | 3/8" M |
| 8.712-605.0 | ZK3.1    | 3.00 - 3.22     | 3/8" M |
| 8.712-607.0 | ZK3.2    | 4.22 - 5.55     | 3/8" M |
| 8.712-609.0 | ZK3.3    | 5.00 - 6.50     | 3/8" M |
| 8.712-604.0 | ZK3.0    | 2.10 - 3.00     | 1/2" M |
| 8.712-606.0 | ZK3.1    | 3.00 - 4.22     | 1/2" M |
| 8.712-608.0 | ZK3.2    | 4.22 - 5.55     | 1/2" M |
| 8.712-610.0 | ZK3.3    | 5.00 - 6.50     | 1/2" M |
| ZK5         |          |                 |        |
| 8.712-611.0 | ZK5.1    | 3.00 - 4.22     | 3/8" M |
| 8.712-613.0 | ZK5.2    | 4.22 - 6.60     | 3/8" M |
| 8.712-615.0 | ZK5.3    | 6.60 - 10.83    | 3/8" M |
| 8.712-612.0 | ZK5.1    | 3.00 - 4.22     | 1/2" M |
| 8.712-614.0 | ZK5.2    | 4.22 - 6.60     | 1/2" M |
| 8.712-616.0 | ZK5.3    | 6.60 - 10.83    | 1/2" M |
| 8.715-478.0 | Bypass ( | plate for ZK3 / | ZK5    |

Note: 1. Use 8.705-045.0 back nut on bypass nipple when mounting 1/2" bypass line on ZK3 and ZK5 series. 2. Use restricted .156-.225 ID orifice in bypass line for smoother operation / pressure balancing.

| ZK7         |          |                |        |
|-------------|----------|----------------|--------|
| 8.712-617.0 | ZK7.0    | 2.11 - 3.00    | 3/8" M |
| 8.712-618.0 | ZK7.1    | 3.00 - 4.22    | 3/8" M |
| 8.712-619.0 | ZK7.2    | 4.22 - 6.60    | 3/8" M |
| 8.712-620.0 | ZK7.3    | 6.60 - 10.8    | 3/8" M |
| 8.701-386.0 | ZK7 - #0 | Bypass Orifice | 2.2 mm |
| 8.701-389.0 | ZK7 - #1 | Bypass Orifice | 2.5 mm |
| <b>Z9</b>   |          |                |        |
| 8.712-621.0 | ZK9      | 2.50 - 13.20   | 1/2" M |

# **UNLOADER VALVES - HM MODEL**





- Pressure Adjustable: 0-3000 PSI
- Flow Range: 1.4 to 10.8 GPM
- Temperature: 185°F
- 3/8" FPT Inlet, Bypass, 3/8" MPT Outlet
- Excess Flow Bypassed to Maintain Selected Pressure
- Operates on Single / Multiple Gun Systems
- Brass Body, Stainless-Steel Valve & Seat

| PART NO.    | DESCRIPTION                | PSI    | GPM      |
|-------------|----------------------------|--------|----------|
| 8.712-622.0 | HM Regulator /<br>Unloader | 0-3000 | 1.3-10.8 |
| 8.702-860.0 | Repair Kit #72             | 0-3000 | 1.3-10.8 |

### **UNLOADER VALVES - HYPRO-STYLE**



- PSI: 400 to 1500
- GPM: 4.0
- Temperature: 180°F
- 3/8" MPT Inlet and Outlet
- Buna Seals
- Weight: 8 oz.

| PART NO.     | PRESSURE       | BYPASS   | GPM |
|--------------|----------------|----------|-----|
| 8.712-689.0  | 200-500        | 1/4" FPT | 5.0 |
| 8.712-690.0  | 400-1000       | 1/4" FPT | 5.0 |
| 8.712-691.0  | 800-1500       | 1/4" FPT | 5.0 |
| 8.712-692.0* | 400-1000       |          | 5.0 |
| 8.712-693.0* | 800-1500       |          | 5.0 |
| 8.722-643.0  | Repair Kit for | r All    |     |

<sup>\*</sup>Bypass port not threaded, closed coupled

# **UNLOADER VALVES - YU HIGH VOLUME**



- GPM: 21.0
- Temperature: 200°F
- 1/2" FPT Inlet and Outlet
- Two 1/2" FPT Bypass Ports
- Forged-Brass Body
- Stainless-Steel Internals

#### **YU-21235 YELLOW SPRING**

■ PSI: 2300

Rated Pressure: 2600 Max

#### **YU-21405 GREEN SPRING**

■ PSI: 4050

Rated Pressure: 4500 Max

| PART NO.    | DESCRIPTION            | PSI  |
|-------------|------------------------|------|
| 8.753-326.0 | YU-21235 Yellow Spring | 2600 |
| 8.753-168.0 | YU-21405 Green Spring  | 4500 |

#### **UNLOADER VALVES - ST-230**

### SUTTNER W

#### **UNLOADER VALVES - ST-280**





- PSI: 500 3600 PSI
- GPM: 8.0
- Temperature: 200°F
- 1/4" FPT Inlet and Bypass
- Mounts Off-Line No Line Restrictions
- Brass Body, Stainless-Steel Piston & Seat
- Weight: 14 oz.

| PART NO.    | DESCRIPTION | GPM | TEMP  |
|-------------|-------------|-----|-------|
| 8.712-628.0 | ST-230      | 8   | 200°F |
| 8.757-359.0 | Repair Kit  | 8   | 200°F |

NOTE: Tamper proof wire and seal are not included



- PSI: 500 4060
- GPM: 8.0
- Temperature: 175°F
- Brass Housing, Stainless-Steel Valve
- 3/8" FPT Inlet, Outlet and 1/4" FPT Bypass
- Weight: 22.5 oz.

| PART NO.    | DESCRIPTION         | PSI  | GPM |
|-------------|---------------------|------|-----|
| 8.712-674.0 | ST-280              | 3600 | 8   |
| 8.701-654.0 | Piston Seal Kit "C" | 3600 | 8   |
| 8.701-653.0 | Check Valve Kit "A" | 3600 | 8   |

### **UNLOADER VALVES - ST-261 SERIES**





ST-261/S







SUTTNER W

### ST-261 STANDARD

ST-261 STD

- PSI Regulation: 0-3600
- GPM: 1.0 8.0
- Temperature: 176°F
- 3/8" FPT Inlet & Outlet 1/4" FPT Bypass
- Stainless-Steel Plunger and Seat
- Forged-Brass Body and Viton Seals
- Weight: 22.5 oz.

#### ST-261 / S UNLOADER WITH BYPASS ST-261/ I - UNLOADER WITH CHEMICAL INJECTORS ST-261 / SI UNLOADER WITH SWITCH AND INJECTOR

- Micro Switch Specs; 115 VAC, 5A / 230 VAC, 3A
- Temperature: 176°F
- 3/8" FPT Inlet & Outlet 1/4" FPT Bypass & Aux Port
- Siphon Rate- 10-1
- Switches at full bypass flow
- Wired N/C (may be wired N/O)

#### ST-261 BYPASS SWITCH (ONLY)

- Field-Mountable
- 10 AMP, 115 / 230V
- Switches at full bypass flow
- Wired N/C (may be wired N/O)

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ST-261/





ST-261 Bypass Switch Only

| PART NO.         | DESCRIPTION                      | PSI           | GPM       |  |  |  |
|------------------|----------------------------------|---------------|-----------|--|--|--|
| ST-261 STANDARD  |                                  |               |           |  |  |  |
| 8.712-681.0      | ST-261 STD                       | 0-3600        | 8         |  |  |  |
| 8.701-627.0      | Repair Kit "B"                   | 0-3600        | 8         |  |  |  |
| 8.701-650.0      | Outlet Check Kit "A"             | 0-3600        | 8         |  |  |  |
| ST-261 / S- UNLC | ADER WITH BYPASS M               | IICRO SWITCH  |           |  |  |  |
| 8.712-685.0      | ST-261 / S                       | 500-3625      | 8         |  |  |  |
| 8.701-647.0      | Switch Seal Kit                  |               |           |  |  |  |
| ST-261 / I- UNLO | ADER WITH CHEMICAL               | INJECTORS     |           |  |  |  |
| 8.712-682.0      | ST-261 / I / 1.8 mm              | 500- 3650     | 1.50-2.25 |  |  |  |
| 8.712-683.0      | ST-261 / I / 2.1 mm              | 500- 3650     | 2.25-3.35 |  |  |  |
| 8.712-684.0      | ST-261 / I / 2.4 mm              | 500- 3650     | 3.35-5.00 |  |  |  |
| 8.900-159.0      | Injector Repair Kit without Barb |               |           |  |  |  |
| 8.701-648.0      | Injector Repair Kit wit          | th Barb       |           |  |  |  |
| ST-261 / SI- UNL | DADER WITH MICRO SV              | VITCH & INJEC | TORS      |  |  |  |
| 8.712-686.0      | ST-261 / SI-1                    |               | 1.50-2.25 |  |  |  |
| 8.904-576.0      | ST-261 / SI-2                    |               | 2.25-3.35 |  |  |  |
| 8.904-577.0      | ST-261 / SI-3                    |               | 3.35-5.00 |  |  |  |
| ST-261 BYPASS N  | ST-261 BYPASS MICRO SWITCH & KIT |               |           |  |  |  |
| 8.712-629.0      | Complete Micro Switch Assembly   |               |           |  |  |  |
| 8.701-642.0      | Micro Switch Only                |               |           |  |  |  |
| 8.701-647.0      | Seal Kit - Micro Switch          | า             |           |  |  |  |

#### **UNLOADER VALVES - AR BOLT-ON**





- PSI Rated Pressure: 2600
- Fits RC, XT & XM Series Pumps
- 1/2" F Inlet
- 3/8" M Outlet

| PART NO.    | DESCRIPTION   | GPM  | BYPASS        |
|-------------|---------------|------|---------------|
| 8.712-582.0 | AR20608       | 3.0- | Aluminum,     |
|             | (4/B)         | 5.5  | No Injector   |
| 8.712-564.0 | AR20821       | 2.0- | Aluminum,     |
|             | (3/B)         | 5.0  | No Injector   |
| 8.712-573.0 | AR20890       | 2.0- | Aluminum, 2.0 |
|             | (4/B)         | 3.0  | Adj Injector  |
| 8.712-576.0 | AR21039       | 2.0- | Brass 2.0     |
|             | (4/B)         | 3.0  | Adj Injector  |
| 8.712-575.0 | AR21040       | 3.0- | Brass 2.2     |
|             | (4/B)         | 4.0  | Adj Injector  |
| 8.720-676.0 | Seal Kit (4/B | )    |               |
|             |               |      |               |

Note: AR has discontinued the Combiset unloaders. Use Mini-Mate unloaders as replacements. For 22 mm twist coupler outlet models, add Part No. 8.709-546.0 (3/8" x 22 mm) to injector outlet.

# UNLOADER VALVES - GYMATIC - 3/B & VR35 3/B SERIES







- PSI Rated Pressure: 3650
- GPM: 3.0-5.5
- Fits RK, RR, SXM, XM Series Pumps
- 3/8" M Outlet

| PART NO.    | DESCRIPTION    | INLET                                  |
|-------------|----------------|--|
| 8.712-565.0 | AR20242 (3/B)  | 1/2" F<br>without Injector             |
| 8.712-563.0 | AR20242G (3/B) | 3/4" GHT & Filter,<br>without Injector |
| 8.712-574.0 | AR20081 (3/B)  | 1/2" M Fixed<br>Injector, 1.8 mm       |
| 8.712-567.0 | AR20082 (3/B)  | 1/2" M Fixed<br>Injector, 2.0 mm       |
| 8.712-568.0 | AR20399 (3/B)  | 1/2" M Adj<br>Injector, 1.8 mm         |
| 8.712-569.0 | AR20400 (3/B)  | 1/2" F Adj<br>Injector, 2.0 mm         |
| 8.720-642.0 | AR2611 (3/B)   | Repair Kit                             |

#### AR21669 - VR35 3/B

■ PSI Max: 4000
 ■ Brass Bypass
 ■ 3/8" M
 ■ GPM: 5.0
 ■ 1/2" M Inlet
 ■ Without Injector

#### AR24760 - VR35 3/B

PSI Max: 4000Brass Bypass3/8" M OutletGPM: 5.01/2" F InletWithout Injector

| PART NO.    | DESCRIPTION | INLET  | OUTLET |
|-------------|-------------|--------|--------|
| 8.712-583.0 | AR21669     | 1/2" M | 3/8" M |
| 8.720-903.0 | AR24760     | 1/2" F | 3/8" M |

# UNLOADER VALVES - 22900A PRESSURE ACTUATED SERIES





- Minimum PSI: 375 (Max PSI Listed Below)
- GPM: 2.2 13.0
- Temperature: 160°F
- Bellville Spring Washers Minimize Spikes
- Forged-Brass Bodies, Stainless Ball and Seat
- Four 1/4" Side Ports Enchance Versatility
- 1/2" FPT Inlet, Outlet and Bypass Ports
- Weight: 57.3 oz.

| PART NO.    | MODEL NO.          | MAX<br>GPM |      | SPRING |
|-------------|--------------------|------------|------|--------|
| 8.712-709.0 | 22910A             | 13         | 800  | Silver |
| 8.712-710.0 | 22911A             | 13         | 1400 | Yellow |
| 8.712-711.0 | 22912A             | 13         | 2400 | Red    |
| 8.712-708.0 | 22913A             | 13         | 3000 | Orange |
| 8.722-137.0 | Repair Kit- 012099 |            |      |        |

# UNLOADER VALVES - APM PRESSURE ACTUATED SERIES





8.712-705.0

- Temperature: 160°F
- Unloads pressure in entire system when in bypass
- Forged-Brass Bodies
- Stainless-Steel Seat



8.712-706.0

- 3/8" FPT Inlet
- 3/8" FPT Outlet
- 1/4" FPT Bypass & Gauge Port

| PART NO.    | MODEL NO. | GPM | PSI      |
|-------------|-----------|-----|----------|
| 8.712-705.0 | 22760APM  | 8   | 145-3045 |
| 8.712-706.0 | 22765APM  | 5   | 580-4000 |

# UNLOADER VALVES - FLOW-ACTUATED



Designed for any pump that fits within the flow and pressure range of the unloader.

- Temperature: 160°F
- Unloads pressure in entire system when in bypass
- Forged-Bronze Body, Stainless-Steel Seat
- 3/8" FPT Inlet, 3/8" MPT Outlet
- 1/2" FPT Bypass

| PART NO.    | MODEL NO.    | GPM     | PSI       |
|-------------|--------------|---------|-----------|
| 8.712-698.0 | 22650        | 3.0-4.5 | 0-3000    |
| 8.712-701.0 | 22654A       | 3.5-4.8 | 3000-4000 |
| 8.712-702.0 | 22655        | 4.5-5.5 | 0-3000    |
| 8.712-703.0 | 22656        | 4.5-6.5 | 0-3000    |
| 8.722-204.0 | Seal Kit- 22 | 2666    |           |

# PRESSURE RELIEF VALVES - SR/S3



For use as a backup to an unloader or main relief in an open system without a trigger operated spray gun.



- S-R Safety Valve: PSI: 3000 GPM: 1.3 to 10.0 3/8" M Inlet, 1/4" F Outlet
- S-3 Safety Valve:
   PSI: 500 to 10,000
   GPM: 2.6 to 26.4
   1/2" M Inlet, Side Discharge
- Bypass and Outlet
- Stainless-Steel Plunger and Seat
- Machined-Brass Bodies
- Adjustable Pop-Off Protection

| PART NO.    | DESCRIPTION     | TEMP  |
|-------------|-----------------|-------|
| 8.711-215.0 | S-R Valve/ ZKSR | 165°F |
| 8.711-227.0 | S-3 Valve/ ZKS3 | 284°F |

#### **UNLOADER VALVES - MG4000 SERIES**

"The world's best unloader value" with a choice of PSI: 1500, 3000 or 4500.



- PSI: Up to 4500 PSI
- GPM: 10.0
- Temperature: 200°F
- Forged-Brass Body
- 3/8" FPT Inlet, Outlet and Bypass
- Auxiliary 1/4" Outlet
- Can be panel mounted
- Pressure limit indicated with color coded ring

| PART NO.     | DESCRIPTION    | GPM   | PSI  |
|--------------|----------------|-------|------|
| WITHOUT KNOB |                |       |      |
| 8.712-715.0  | Yellow         | 10    | 1500 |
| 8.712-724.0  | Black          | 10    | 4500 |
| WITH KNOB    |                |       |      |
| 8.712-716.0  | Yellow         | 10    | 1500 |
| 8.712-719.0  | Red            | 10    | 3000 |
| 8.712-725.0  | Black          | 10    | 4500 |
| 8.704-567.0  | Repair Kit- 46 | 3104K |      |



#### MG4000 WITH MICROSWITCH

- 15 Amp Microswitch
- Panel Mountable
- Use for time-delay shutdown or as burner control
- Can be used as Normally Open (NO) or Normally Closed (NC)

| PART NO.    | DESCRIPTION | GPM | PSI  |  |
|-------------|-------------|-----|------|--|
| 8.712-720.0 | Red         | 15  | 3000 |  |
| 8.712-714.0 | Blue        | 15  | 4000 |  |
| 8.712-727.0 | Black       | 15  | 4500 |  |

#### **PRESSURE RELIEF VALVES - TIMAX**



- PSI Max: 870
- GPM Max: 53
- 3/4" F Inlet, 1/2" F, 1" F Bypass
- 1" FPT Bypass
- Brass-Body, Stainless-Steel Piston and Seat

| PART NO.    | DESCRIPTION           | GPM | PSI |  |
|-------------|-----------------------|-----|-----|--|
| 8.712-624.0 | Timax Regulator Valve | 53  | 870 |  |
| 8.702-844.0 | Repair Kit            |     |     |  |
| NOTES I     |                       |     |     |  |

NOTES: Lever control manual dump for bypass to relieve line pressure

# PRESSURE RELIEF VALVES - VS 200 / 180. HIGH PSI



Prompt and effective damping against pressure spikes



Rated PSI: 2600, Max PSI: 2900

■ GPM: 52.5

■ Temperature: 194°F

■ 3/4" FPT Inlet x 1/2" FPT Bypass

■ Weight: 29.4 oz.

| PART NO.    | MODEL NO.  | GPM  |  |
|-------------|------------|------|--|
| 8.712-753.0 | VS 200/180 | 52.5 |  |
| 8.704-582.0 | Repair Kit |      |  |

# PRESSURE RELIEF VALVES - VS 350. HIGH PSI



Prompt and effective damping against pressure spikes. Perfect For Multiple Gun Applications as well.



■ PSI: 5600

Rated PSI: 5100

■ GPM: 6.5

■ Temperature: 195°F

■ 3/8" FPT Inlet, Outlet and Bypass

■ Weight: 16.8 oz.

| PART NO.    | MODEL NO.  | GPM | PSI  |  |
|-------------|------------|-----|------|--|
| 8.712-756.0 | VS 350     | 6.5 | 5600 |  |
| 8.704-611.0 | Repair Kit |     |      |  |

### **PRESSURE RELIEF VALVES - VS 220**





■ PSI Max: 3600

Rated PSI: 3200

■ GPM: 6.3

■ Temperature: 200°F

■ Two 3/8" FPT inlets

■ 3/8" FPT Outlet and Bypass

■ Forged-Bronze Body

Stainless-Steel Plunger and Seat Valve

■ Compact Design

■ Weight: 14.2 oz.

| PART NO.    | MODEL NO.  | GPM | PSI  |  |
|-------------|------------|-----|------|--|
| 8.712-737.0 | VS220      | 6.3 | 3600 |  |
| 8.901-057.0 | Repair Kit |     |      |  |

# PRESSURE RELIEF VALVES - VS 500, HIGH PSI





■ PSI Max: 8100

Rated PSI: 7250

■ GPM: 21

Suitable to be utilized as a safety

valve

■ Temperature: 195°F

■ Internals: Stainless-steel

Brass Body and Fittings

■ 1/2" FPT Inlet and 3/8" FPT Bypass

■ Weight: 14.2 oz.

| PART NO.    | MODEL NO. | GPM | PSI  |
|-------------|-----------|-----|------|
| 8.712-757.0 | VS 500    | 21  | 8100 |

#### **REGULATING RELIEF VALVE**



Economical replacement for paraplate BR5 series.



Adjustable Pressure: 200-2000 PSI

■ GPM: 7

■ Temperature: 200°F

■ 3/8" FPT Inlet, Outlet and Bypass

■ Flow-Thru Design for Smooth Operation

■ Machined-Brass Body and Knob

■ Stainless-Steel Plunger and Seal

| PART NO.    | DESCRIPTION  | GPM | PSI      |
|-------------|--------------|-----|----------|
| 8.712-625.0 | Relief Valve | 7   | 200-2000 |
| 8.900-042.0 | Repair Kit   |     |          |

# UNLOADER VALVES - MOUNTING BLOCK



End vibraton-caused fitting failure.



■ GPM: 12

■ Mounting Hardware Included

■ Machine Block Brass or Steel

| PART NO.    | DESCRIPTION | MATERIAL | PSI  |
|-------------|-------------|----------|------|
| 8.904-568.0 | 3/8" x 3/8" | Brass    | 5500 |
| 8.904-567.0 | 1/2" x 1/2" | Brass    | 5500 |
| 9.802-870.0 | 3/8" x 3/8" | Steel    |      |
| 9.802-871.0 | 1/2" x 1/2" | Steel    |      |

# CHEMICAL INJECTORS - AMERIMAX SERIES



The higher rate injector. Our best seller!



- PSI: 3500
- Brass Housing
- Stainless-steel Orifice & Spring
- Fully Adjustable Metering Valve
- 3/8" MPT Inlet, Outlet
- 1/4" Hose Barb

| PART NO.   | DESCRIPTION                       | GPM                                      | PSI                          |
|--|-----------------------------------|--|------------------------------|
| STANDARD   |                                   |  |                              |
| 8.904-192.0  | "0"                               | 1.0-2.0                                  | 3500                         |
| 8.904-193.0  | "1"                               | 2.0-3.0                                  | 3500                         |
| 9.803-998.0  | "2"                               | 3.0-5.0                                  | 3500                         |
| 8.904-194.0  | "3"                               | 5.0-8.0                                  | 3500                         |
| 8.900-040.0  | Repair Kit<br>Stainless-steel Che | eck Ball                                 |                              |
|  |                                   |  |                              |
| "ACID" INJECTOR  | WITH SPECIAL INL                  | ET CHEC                                  | K VALVE                      |
| "ACID" INJECTOR<br>8.904-201.0                           | "OA"                              | 1.0-2.0                                  |                              |
|  |                                   |  | 3500                         |
| 8.904-201.0  | "0A"                              | 1.0-2.0                                  | 3500<br>3500                 |
| 8.904-201.0<br>8.904-202.0                               | "0A"<br>"1A"                      | 1.0-2.0<br>2.0-3.0                       | 3500<br>3500<br>3500         |
| 8.904-201.0<br>8.904-202.0<br>8.904-203.0                | "0A" "1A" "2A"                    | 1.0-2.0<br>2.0-3.0<br>3.0-5.0<br>5.0-8.0 | 3500<br>3500<br>3500<br>3500 |
| 8.904-201.0<br>8.904-202.0<br>8.904-203.0<br>8.904-204.0 | "OA" "1A" "2A" "3A"               | 1.0-2.0<br>2.0-3.0<br>3.0-5.0<br>5.0-8.0 | 3500<br>3500<br>3500<br>3500 |

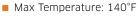
### **CHEMICAL INJECTORS - STAINLESS-STEEL**



- PSI: 5000
- Stainless-Steel

| PART NO.    | DESCRIPTION  | GPM     | PSI  |
|-------------|--|---------|------|
| 9.802-217.0 | Non-Adjustable,<br>Injector Only                     | 3.0-5.0 | 5000 |
| 9.802-226.0 | Complete Injector<br>Assembly, with<br>Hose & Filter | 3.0-5.0 | 5000 |

### **CHEMICAL METERING VALVES - ST-61 SUTTNER W**





- 1/4" Hose Barb
- Teflon® Seals
- Glass-Filled Polyamide Body and Valve Parts
- Adjusts From Off to Full Flow
- Snap-on attachment to ST-60, ST-62, ST-261/1

| PART NO.    | DESCRIPTION                             |
|-------------|---|
| 8.710-777.0 | ST-61, 1/4" Hose Barb,<br>Teflon® Seals |

# CHEMICAL INJECTORS -AMERIMAX SERIES - QUICK-COUPLED ASSEMBLIES

Legacy

Assembled for added convenience - quick couples to unloader outlet and quick couples hose to injector outlet.



- Top quality quick couplers: 3/8" Plug Inlet 3/8" Socket Outlet
- 6" industrial-grade poly-braid reinforced tubing (will not collapse, resists crimping, high-chemical tolerance)
- Heavy-duty brass chemical filter with check valve prevent loss of prime

| PART NO.      | DESCRIPTION                            | GPM     |
|---------------|--|---------|
| AMERIMAX "QC" |  |         |
| 8.904-195.0   | Quick-Coupled "0"                      | 1.0-2.0 |
| 8.904-196.0   | Quick-Coupled "1"                      | 2.0-3.0 |
| 8.904-197.0   | Quick-Coupled "2"                      | 3.0-5.0 |
| 8.904-199.0   | Quick-Coupled "3"                      | 5.0-8.0 |
| 8.900-040.0   | Repair Kit<br>Stainless-steel Check Ba | all     |
| AMERIMAX ACID | ) "QC"                                 |         |
| 8.904-206.0   | Quick-Coupled "1A"                     | 2.0-3.0 |
| 8.904-207.0   | Quick-Coupled "2A"                     | 3.0-5.0 |
| 8.904-208.0   | Quick-Coupled "3A"                     | 5.0-8.0 |
| 8.900-041.0   | Acid Repair Kit*                       |         |

<sup>\*</sup>Ceramic Check Ball

# CHEMICAL INJECTORS - ST-60 SERIES



Requires ST-61 Metering Valve to regulate the chemical injection rate.



- Forged-Brass Body
- Compact Size
- PSI: 3600
- Siphon Rate: 10:1
- 3/8" MPT Inlet
- 3/8" FPT Outlet

| PART NO.    | DESCRIPTIO   | N GPM         | ORIFICE |
|-------------|--------------|---------------|---------|
| 8.710-476.0 | ST 60/0      | 1.50-2.25     | 1.8 mm  |
| 8.710-477.0 | ST-60/1      | 2.25-3.25     | 2.1 mm  |
| 8.710-478.0 | ST-60/2      | 3.25-5.00     | 2.4 mm  |
| 8.701-648.0 | Repair Kit v | with Barb-"F" |         |

### **CHEMICAL INJECTORS - ST-64, UP STREAM**

SUTTNER W

Apply soap at high pressure. Restricts waterflow to create suction. Used on Pressure Pro Equipment as well as other major manufacturers.

- PSI: 140
- Temperature: 160°F

- 3/4" FGH Inlet, 3/4" MGH Outlet
- Chemical strainer and 4' PVC tubing included
- Adjustable with ST-61 Metering Valve
- Locking Waterflow Adjustment



| PART NO.    | MODEL NO.                | GPM     | PSI |
|-------------|--------------------------|---------|-----|
| 8.710-482.0 | ST-64 Up Stream Injector | 1.5-4.0 | 140 |
| 8.710-483.0 | ST-64 Up Stream Injector | 4.0-7.0 | 140 |

### **CHEMICAL INJECTORS - ROBOKIM**

- Rated PSI: 3200 Max PSI: 3500
- Max Temperature: 210°F
- 3/8" MPT Inlet, Outlet
- 1/4" Hose Barb

- Stainless-Steel Orifice
- Stainless-Steel Inlet Check Valve Components



| PART NO.     | MODEL NO.                       | GPM      | PSI  | PSI     |  |  |
|--------------|---------------------------------|----------|------|---------|--|--|
| ROBOKIM WITH | ROBOKIM WITH PLASTIC METER KNOB |          |      |         |  |  |
| 8.710-497.0  | Chemical Injector "0"           | 2.1-2.9  | 3500 | 2.0 mm  |  |  |
| 8.710-498.0  | Chemical Injector "1"           | 2.9-4.0  | 3500 | 2.2 mm  |  |  |
| 8.710-499.0  | Chemical Injector "2"           | 4.0-5.5  | 3500 | 2.5 mm  |  |  |
| 8.710-500.0  | Chemical Injector "3"           | 5.5-10.8 | 3500 | 2.75 mm |  |  |
| 8.704-708.0  | Repair Kit, RoboKim             |          |      |         |  |  |

# CHEMICAL INJECTORS - ST-62 VARIABLE





- Max PSI: 36500
- GPM: 2.0 8.0
- Forged-Brass Body
- 3/8" FPT Inlet & Outlet

| PART NO.    | MODEL NO.                | GPM | PSI  |
|-------------|--------------------------|-----|------|
| 8.710-485.0 | ST-62                    | 8   | 3600 |
| 8.701-648.0 | Repair Kit with Barb-"F" |     |      |

# CHEMICAL INJECTORS - ROBOKIM QUICK-COUPLED ASSEMBLIES



- Quick-Couplers:3/8" QC Plug Inlet3/8" QC Socket Outlet
- 6" industrial-grade poly-braid reinforced tubing
- AP brass chemical filer with stainless-steel check valve

| PART NO.                       | DESCRIPTION           | GPM      |  |  |
|--------------------------------|-----------------------|----------|--|--|
| ROBOKIM "QC" WITH PLASTIC KNOB |                       |          |  |  |
| 8.904-209.0                    | Chemical Injector "0" | 2.1-2.9  |  |  |
| 8.904-210.0                    | Chemical Injector "1" | 3.0-4.0  |  |  |
| 8.904-211.0                    | Chemical Injector "2" | 4.0-5.5  |  |  |
| 8.904-212.0                    | Chemical Injector "3" | 5.5-10.8 |  |  |
| ROBOKIM "QC"                   | WITH BRASS KNOB       |          |  |  |
| 8.904-217.0                    | Chemical Injector "0" | 2.1-2.9  |  |  |
| 8.904-218.0                    | Chemical Injector "1" | 3.0-4.0  |  |  |
| 8.904-219.0                    | Chemical Injector "2" | 4.0-5.5  |  |  |
| 8.904-220.0                    | Chemical Injector "3" | 5.5-10.8 |  |  |

#### **CHEMICAL INJECTORS - HI-LO**

May be used on high or low side of pump. Adjustable flow orifices plus adjustable chemical valves. Standard features similar to ST-62.

■ Performance Range:

Low Side/Upstream:PSI: 10-120, GPM: .5-3.5 High Side/Downstream: PSI: 3500, GPM: 2.0-8.0 ■ Max Temperature: 180°F

■ Machined-Brass Body

■ 3/8" FPT Inlet, Outlet



| PART NO.    | MODEL NO.                         | GPM     | PSI  |
|-------------|-----------------------------------|---------|------|
| 8.710-486.0 | Hi / Lo Injector with Meter Valve | 2.0-8.0 | 3500 |
| 8.710-487.0 | without Chemical Adjust           | 2.0-8.0 | 3500 |
| 8.700-290.0 | Repair Kit                        |         |      |
| 8.900-044.0 | Seal Kit                          |         |      |

#### **CHEMICAL INJECTORS - 400 SERIES**

The injector of choice.

■ PSI: 3200

■ Temperature: 200°F

■ Forged-Brass Housing

- Teflon® Valve Seat
- 3/8" Inlet, Outlet (3 Configurations)
- Renewable Orifices and Check Valve
- Options Include: Quick-Coupled, Stainless-Steel Orifices, Acid-Resistant Check
- Weight: 5 oz.



| ORIFICE DIA. | DESCRIPTION         | GPM / FLOW RATE | PSI  |  |
|--------------|---------------------|-----------------|------|--|
| 1.6 MM       | 3/8" Inlet / Outlet | 1.5-2.7         | 3200 |  |
| 1.8 MM       | 3/8" Inlet / Outlet | 2.0-3.6         | 3200 |  |
| 2.1 MM       | 3/8" Inlet / Outlet | 2.7-4.9         | 3200 |  |
| 2.3 MM       | 3/8" Inlet / Outlet | 3.3-6.0         | 3200 |  |

#### ADJUSTABLE INJECTORS, PRECISE NEEDLE-METERING VALVE

**ORIFICE SELECTION** 

| ORIFICE SIZE   | M X M PART NO.                                       | M X F PART NO. | F X M PART NO. |  |  |
|----------------|--|----------------|----------------|--|--|
| BRASS BODY     | BRASS BODY   |                |                |  |  |
| 1.6            | 8.710-541.0  | 8.710-549.0    | 8.710-559.0    |  |  |
| 1.8            | 8.710-535.0  | 8.710-543.0    | 8.710-551.0    |  |  |
| 2.1            | 8.710-537.0  | 8.710-545.0    | 8.710-554.0    |  |  |
| 2.3            | 8.710-539.0  | 8.710-547.0    | 8.710-557.0    |  |  |
| BRASS BODY / S | TAINLESS-STEEL INSERT                                |                |                |  |  |
| 1.6            | 8.710-542.0  | 8.710-550.0    | 8.710-560.0    |  |  |
| 1.8            | 8.710-536.0  | 8.710-544.0    | 8.710-552.0    |  |  |
| 2.1            | 8.710-538.0  | 8.710-546.0    | 8.710-556.0    |  |  |
| 2.3            | 8.710-540.0  | 8.710-548.0    | -              |  |  |
| BRASS BODY / A | CID-RESISTANT  |                |                |  |  |
| 1.6            | 8.904-230.0  | 8.904-238.0    | -              |  |  |
| 1.8            | 8.904-224.0  | 8.904-232.0    | -              |  |  |
| 2.1            | 8.904-226.0  | 8.904-234.0    | 8.904-242.0    |  |  |
| 2.3            | 8.904-228.0  | 8.904-236.0    |                |  |  |
| BRASS BODY / S | BRASS BODY / STAINLESS-STEEL INSERT / ACID-RESISTANT |                |                |  |  |
| 1.6            | -  | -              | 8.904-246.0    |  |  |
| 1.8            | 8.904-225.0  | 8.904-233.0    | 8.904-241.0    |  |  |
| 2.1            | 8.904-227.0  | 8.904-235.0    | 8.904-243.0    |  |  |
| 2.3            | 8.904-229.0  | 8.904-237.0    | -              |  |  |

| <b>PART</b> | NO. | DESCRIPTION |
|-------------|-----|-------------|
|             |     |             |

#### REPAIR KITS INCLUDE CHECK BALL, SPRING, SEAT AND O-RING

**8.900-769.0** Standard Kit **8.900-770.0** Acid Kit

## CHEMICAL INJECTORS - STAINLESS-STEEL



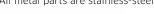
- 1.8 mm Orifice
- Temperature: 190°F Weight 8.0 oz.
- 3/8" MPT Inlet, Outlet High Draw: 20%
- 1/4" Hose Barb

■ PSI: 5500

| PART NO.    | MODEL NO.         | GPM     | PSI  |
|-------------|-------------------|---------|------|
| 9.112-213.0 | Chemical Injector | 2.0-3.0 | 5500 |

## CHEMICAL INJECTORS - 505 SERIES STAINLESS-STEEL







- PSI: 5650
- GPM: 8.0
- Temperature Max: 195°F
- 3/8" Inlet, Outlet
- Premier Type Injector
- Teflon® O-Rings

| PART NO.    | MODEL NO.                       | GPM     | PSI  |
|-------------|---------------------------------|---------|------|
| 8.710-586.0 | Stainless-steel<br>Injector 1.8 | 2.0-2.6 | 5650 |
| 8.710-587.0 | Stainless-steel<br>Injector 2.1 | 2.6-4.0 | 5650 |
| 8.710-588.0 | Stainless-steel<br>Injector 2.3 | 4.0-5.3 | 5650 |
| 8.704-027.0 | Repair Kit                      |         |      |

## CHEMICAL INJECTORS - ADJUSTABLE, WITH OUICK-CONNECT



- PSI: 3500
- Temperature Max: 200°F
- 3/8" M Plug Inlet 3/8" F Coupler Outlet
- 1/4" Hose Barb

| PART NO.       | MODEL NO.              | GPM     |
|----------------|------------------------|---------|
| 8.710-502.0    | Adjustable QC - 1.8 mm | 2.0-3.0 |
| 8.710-503.0    | Adjustable QC -2.1 mm  | 3.0-5.0 |
| 8.710-504.0    | Adjustable QC - 2.3 mm | 5.0-8.0 |
| ACID INJECTORS |                        |         |
| 8.904-221.0    | Adjustable QC - 1.8 mm | 2.0-3.0 |
| 8.904-222.0    | Adjustable QC - 2.1 mm | 3.0-5.0 |
| 8.904-223.0    | Adjustable QC - 2.3 mm | 5.0-8.0 |
| 8.701-187.0    | Injector Repair Kit    |         |
| 8.900-087.0    | Injector Acid Kit      |         |

#### **CHEMICAL INJECTORS - BRASS**

All metal parts are brass



- PSI: 4000
- Temperature Max: 190°F
- 3/8" Inlet. Outlet
- Premier Type Injector
- EPDM O-Ring

| PART NO.    | MODEL NO.          | GPM     | PSI  |
|-------------|--------------------|---------|------|
| 8.710-505.0 | Brass Injector 1.8 | 2.0-2.6 | 4000 |
| 8.710-506.0 | Brass Injector 2.1 | 2.7-4.0 | 4000 |
| 8.710-507.0 | Brass Injector 2.3 | 4.0-5.3 | 4000 |
| 8.704-028.0 | Repair Kit         |         |      |
|             |                    |         |      |

## CHEMICAL INJECTORS / PRESSURE REDUCER - EXTACT-A-FLOW

"Low side" chemical injector that regulates inlet pressure to maintain consistent chemical ratio.



- GPM: Up to 6.0
- 1/2" FPT I/O Ports
- 1/4" Hose Barb Chemical Inlet
- +2% Injection Ratio Variation

| PART NO.    | DESCRIPTION                |
|-------------|----------------------------|
| 8.711-162.0 | Weep Seat*                 |
| 8.711-160.0 | Non-Weep                   |
| 8.711-161.0 | With Switch**              |
| 8.904-389.0 | Hose Barb with Viton Check |
| 8.904-390.0 | Hose Barb with Buna Check  |

<sup>\*</sup>Weep Seat allows pump to self-prime

## FLOAT VALVES - ADJUSTABLE, BRONZE





PART NO

- Temperature Max: 180°F
- Cast-Bronze Body
- Adjustable Float Arm
- Live Rubber Stopper

| PART NO.                           | INKEAD                | SIEW    | UPINI AT 40 F31 |  |
|------------------------------------|-----------------------|---------|-----------------|--|
| 8.710-045.0                        | 1"                    | 1/4"-20 | 47              |  |
| 9.802-183.0                        | 1"                    | 1/2"-20 | 47              |  |
| REPAIR PARTS FOR ADJUSTABLE VALVES |                       |         |                 |  |
| 8.700-475.0                        | Long Arm              | ۱*      |                 |  |
| 8.700-476.0                        | Short Arm*            |         |                 |  |
| 8.700-477.0                        | Thumb Screw*          |         |                 |  |
| 8.700-479.0                        | 3/8" and 1/2" Plunger |         |                 |  |
|                                    |                       |         |                 |  |

THREAD STEM GPM AT 40 PSI

\*Fits 3/8", 1/2" and 3/4" valve only Note: Float valve requires stem and float

<sup>\*\*</sup>With burner control switch (9.802-362.0) automatically turns burner off when water flow stops

## **FLOAT VALVES - STEMS**

| 9.802-157.0   |        | 8.710-047.0  |  |
|---------------|--------|--|--|
| PART NO.      | LENGTH | THREAD   |  |
| BRASS         |        |  |  |
| 9.802-157.0   | 8"     | 1/4" - 20  |  |
| 8.710-051.0   | 10"    | 1/4" - 20  |  |
| STAINLESS-STE | EL     |  |  |
| 8.710-047.0   | 8"     | 1/4" - 20 x 5/16" - 18   |  |
| Dt 6 6        |        | and the first of t |  |

Parts for other float valves also available

#### FLOAT VALVES - BALLS. COPPER & PLASTIC





8.710-053.0

9.802-061.0

| PART NO.    | LENGTH  | THREAD  |
|-------------|---------|---------|
| COPPER      |         |         |
| 8.710-061.0 | 4" x 5" | 1/4"-20 |
| 8.710-052.0 | 5"      | 1/4"-20 |
| 8.710-053.0 | 6"      | 1/4"-20 |
| PLASTIC     |         |         |
| 8.710-057.0 | 6"      | 1/4"-20 |
| 8.710-059.0 | 8"      | 1/4"-20 |
| 9.802-061.0 | 4" x 5" | 1/4"-20 |

Parts for other float valves also available

#### FLOAT VALVES - PA BRASS ASSEMBLY

Used on Pressure Pro Equipment as well as other major equipment manufacturers.



| Max GPM: 7.0       |
|--------------------|
| Max PSI: 145       |
| Temperature: 140°F |

■ Brass Body

■ Positional / Adjustable Arm

| PART NO.    | DESCRIPTION | INLET      | TEMP  |
|-------------|-------------|------------|-------|
| 8.710-042.0 | Float Valve | 3/8" BSP-M | 140°F |
| 8.754-586.0 | Float Valve | 3/8" NPT-M | 140°F |
| 8.704-204.0 | Repair Kit  |            |       |

## **FLOAT VALVES - ST-8, BRASS ASSEMBLY**



Complete assembly includes valve, stem and float.



- GPM: 5.0
- Temperature: 175°F
- 1/2" FPT Inlet
- Brass Housing with Polyamide Cover

| PART NO.     | DESCRIPTION              | GPM | ТЕМР  |
|--------------|--------------------------|-----|-------|
| 8.710-031.0  | ST-8                     | 5.0 | 175°F |
| 8.710-033.0* | MPT Adapter Kit for ST-8 |     |       |

<sup>\*</sup>Double MPT nipple, sealing washer and lock nut

## **FLOAT VALVES - BRASS FLOAT** WITH BALL & STEM





- Inlet PSI Max: 142
- GPM: 7.1 at PSI: 28
- 1/2" MPT Inlet
- Temperature: 140°F
- Positive Soft Buna / Brass
  - Shut-Off
- Adjustable Float Ball Settings
- Inlet Nut and Washer Seal Provided

| PART NO.    | DESCRIPTION    | PSI MAX | TEMP  |
|-------------|----------------|---------|-------|
| 8.710-037.0 | Valve Complete | 142     | 140°F |
| 8.704-092.0 | Repair Kit     |         |       |

#### FLOAT VALVES - DIAPHRAGM



- PSI: 142
- GPM: 7.86 at PSI: 28
- GPM: 6.68 at PSI: 14
- Temperature: 140°F
- 3/8" MPT Inlet
- Requires only 6.5" x 3" inside tank
- All-Plastic Snap-On Float
- Positive Shutoff Diaphragm Style
- Inlet Screen. Tank Gasket and Nut Included

| PART NO.    | DESCRIPTION          | PSI TEMP  |
|-------------|----------------------|-----------|
| 8.710-030.0 | Float Valve Complete | 142 140°F |

#### **FLOAT VALVES - VERTICAL**



- GPM: 8.0 at PSI: 150
- Temperature: 140°F
- 1/2" MPT Inlet
- Inlet Nut and Washer Seal Provided

| PART NO.    | DESCRIPTION                                  | ТЕМР  |
|-------------|--|-------|
| 9.802-185.0 | Vertical Float Tank<br>Valve, 1/2" MPT Inlet | 140°F |

#### **FLOAT VALVES - HUDSON**



- PSI: 0-130
- Temperature: 90 & 150°F
- No External Moving Parts
- No Float Ball or Arm
- All Plastic, Nylon, Rubber and Stainless-Steel
- 1" Inlet Easy Installation
- Automatic Anti-Siphon
- Flow Capacity 80% of Supply: GPM:40 at PSI: 40

| PART NO.    | DESCRIPTION                    | PSI T   | ЕМР   |
|-------------|--------------------------------|---------|-------|
| 8.710-035.0 | 1" Hudson Float<br>Valve, 90°  | 0-130 9 | 0°F   |
| 8.710-036.0 | 1" Hudson Float<br>Valve, 150° | 0-130 1 | .50°F |

#### **FLOAT VALVES - KERICK**



#### FLOW RATE FOR 1/2" VALVE

- PSI: 20 at GPM: 7.7
- PSI: 30 at GPM: 9.1
- PSI: 40 at GPM: 10.5
- PSI: 50 at GPM: 11.4
- PSI: 60 at GPM: 12.5

#### FLOW RATE FOR 3/4" VALVE

- PSI: 30 at GPM: 13
- PSI: 60 at GPM: 16.5

| PART NO.    | DESCRIPTION      | ORIFICE |
|-------------|------------------|---------|
| 8.749-328.0 | 1/2" Float Valve | .25"    |
| 8.749-329.0 | 3/4" Float Valve | .30"    |

#### **FLOAT VALVES - BRASS**

- MTM / Veloci
- Includes Filter and Pipe

| PART NO.    | DESCRIPTION                                |
|-------------|--|
| 8.754-085.0 | Float Valve<br>3/4" M with Filter and Pipe |

## CHECK VALVES - SWING ACTION, LOW PSI



Retain prime on pumps with low-lift capability.



- PSI: 150
- Brass Body, Swing (flapper) Action
- FPT Inlet, Outlet
- Gravity Seal, No Spring Pressure

| PART NO.    | DESCRIPTION                                 | PSI |
|-------------|---|-----|
| 8.709-378.0 | 1/2", FPT Inlet / Outlet,<br>Gravity Seal   | 150 |
| 8.709-379.0 | 3/4", FPT Inlet / Outlet,<br>Gravity Seal   | 150 |
| 8.709-380.0 | 1", FPT Inlet / Outlet,<br>Gravity Seal     | 150 |
| 8.709-381.0 | 1-1/4", FPT Inlet /<br>Outlet, Gravity Seal | 150 |

#### **CHECK VALVES - STAINLESS-STEEL, HIGH PSI**

Holds pump prime without overloading pump suction.



- PSI: 6500
- Rated PSI: 5800
- Temperature: 195°F
- Female x Female
- Weight: 2.0 oz.

| PART NO.    | DESCRIPTION | FLOW RATE | PSI  |
|-------------|-------------|-----------|------|
| 8.709-361.0 | 1/4" F x F  | 6.1       | 6500 |
| 8.709-362.0 | 3/8" F x F  | 10.5      | 6500 |

#### **CHECK VALVES - 460 SERIES, HIGH PSI**

Holds pump prime without overloading pump suction







8.709-356.0

8.709-357.0

8.709-358.0

- Max PSI: 2500
- Buna Seals
- Stainless-Steel Check Ball & Spring
- Machined-Brass Body

| PART NO.                      | DESCRIPTION  | CRACKING PRESSURE      |  |  |
|-------------------------------|--------------|------------------------|--|--|
| 2500 PSI MINIATURE BALL CHECK |              |                        |  |  |
| 8.709-356.0                   | 1/4", M x F  | 1 PSI                  |  |  |
| 8.709-357.0                   | 1/4", M x M  | 3 PSI                  |  |  |
| 3000 PSI STAINI               | ESS GUIDED B | ALL AND QUAD RING SEAT |  |  |
| 8.709-358.0                   | 1/4", F x F  | 1 PSI                  |  |  |
| 8.709-359.0                   | 3/8", F x F  | 3 PSI                  |  |  |

### **CHECK VALVES - SPRING LOADED, HIGH PSI**

Holds pump prime without overloading pump suction.



- PSI: 1200
- Max Temperature: 250°F
- Cracking Pressure PSI: 1
- Machined-Brass Body
- Stainless Steel Springs
- Poppet Seal

| DESCRIPTION | MATERIAL                                  |
|-------------|---|
| 1/4", F x F | Machined<br>Brass Body                    |
| 3/8", F x F | Machined<br>Brass Body                    |
| 1/2", F x F | Machined<br>Brass Body                    |
| 3/4", M x M | Machined<br>Brass Body                    |
|             | 1/4", F x F<br>3/8", F x F<br>1/2", F x F |

#### **CHECK VALVES - SPRING LOADED. LOW PSI**

Holds pump prime without overloading pump suction



- PSI: 150
- Max Temperature: 250°F
- Machine-Cast Brass Bodies
- FPT x FPT
- Mount Horizontal or Vertical

| PART NO.    | DESCRIPTION | PSI | TEMP  |
|-------------|-------------|-----|-------|
| 8.709-384.0 | 1/2"        | 150 | 250°F |
| 8.709-385.0 | 3/4"        | 150 | 250°F |
| 8.709-386.0 | 1"          | 150 | 250°F |

## **CHECK VALVES / BACKFLOW PREVENTOR -T533 MODEL, VACUUM BREAKER**

Protects water supply from harmful chemical backflow - will not allow "spike" pressure to push chemicals into supply line. Now required by many city and state regulations.



- Max PSI: 125
- Max Temperature: 180°F
- Machined-Brass Housing. Chrome Plated Finish
- Plastic Diaphragm Check
- 3/4" Female Garden Hose Inlet (with Lock Screw)
- 3/4" Male Garden Hose Outlet

| PART NO.    | DESCRIPTION           | MATERIAL                  |
|-------------|-----------------------|---------------------------|
| 8.705-039.0 | Backflow<br>Preventor | Machined Brass<br>Housing |

#### **CHECK VALVES - PVC, LOW PSI**

Holds pump prime without overloading pump suction.

- PSI: 125
- Cracking Pressure PSI: 1
- Temperature: 180°F
- Choice of Connects
- PVC Plastic Body
- Stainless-Steel Ball Check
- Designed for Harsh Chemical Applications

| PART NO.    | DESCRIPTION           | PSI TEMP  |
|-------------|-----------------------|-----------|
| 8.709-366.0 | 1/4" MPT x 1/4" Barb  | 125 180°F |
| 8.709-367.0 | 1/4" Barb x 1/4" MPT  | 125 180°F |
| 8.709-369.0 | 1/4" Barb x 1/4" Barb | 125 180°F |
| 8.709-370.0 | 3/8" Barb x 3/8" Barb | 125 180°F |
| 8.709-373.0 | 1/2" Barb x 1/2" Barb | 125 180°F |

<sup>\*8.709-373.0</sup> has Viton Seals

## **BALL VALVES - STAINLESS-STEEL, LOW PSI**





- PSI: 2000 at Temperature: 180°F
- PSI: 1000 at Temperature: 300°F
- PSI: 300 at Temperature: 350°F
- Full-Flow Ports
- Investment Cast Process
- Two-Piece 316 Stainless Bodies
- Glass-Filled Telfon® Seals

| PART NO.    | DESCRIPTION                            |
|-------------|--|
| 8.709-265.0 | 1/4" F x F, Glass-filled Teflon® Seals |
| 8.709-266.0 | 3/8" F x F, Glass-filled Teflon® Seals |
| 8.709-268.0 | 1/2" F x F, Glass-filled Teflon® Seals |
| 8.709-269.0 | 3/4" F x F, Glass-filled Teflon® Seals |

## **BALL VALVES - FORGED-BRASS, LOW PSI**





- PSI: 600
- Temperature: 180°F
- Forged-Brass Body
- Full-Flow Ports
- Telfon® PTFE Seals

| SIZE | M X F PART NO. | F X F PART NO. | M X M PART NO. |
|------|----------------|----------------|----------------|
| 1/4" | 8.709-249.0    | 8.709-250.0    | -              |
| 3/8" | 8.709-252.0    | 8.709-253.0    | 8.709-254.0    |
| 1/2" | 8.709-255.0    | 8.709-256.0    | 8.709-257.0    |
| 3/4" | 8.709-258.0    | 8.709-259.0    | 8.709-260.0    |
| 1"   | 8.709-261.0    | 8.709-262.0    | 8.709-263.0    |

## **BALL VALVES - MINI, LOW PSI**



- PSI: 600
- 180° Handle Movement
- Forged-Brass Body

| SIZE | M X F PART NO. | F X F PART NO. | M X M PART NO. |
|------|----------------|----------------|----------------|
| 1/8" | 8.709-208.0    | 8.709-209.0    | -              |
| 1/4" | 8.709-211.0    | 8.709-212.0    | 8.709-213.0    |
| 3/8" | 8.709-216.0    | -              | -              |

## **BALL VALVES - NICKEL-PLATED BRASS, LOW PSI**





- - Chrome-Plated Ball

■ Threaded FPT Connects

- Full-Flow Bore
- Seats and Seals have Glass-Filled Telfon®
- Nickel Plated Brass Body

| PART NO.    | DESCRIPTION                                   | PSI |
|-------------|---|-----|
| 8.709-242.0 | 1/4", Chrome-plated Ball,<br>Full-flow Bore   | 710 |
| 8.709-243.0 | 3/8", Chrome-plated Ball,<br>Full-flow Bore   | 710 |
| 8.709-244.0 | 1/2", Chrome-plated Ball,<br>Full-flow Bore   | 710 |
| 8.709-245.0 | 3/4", Chrome-plated Ball,<br>Full-flow Bore   | 570 |
| 8.709-246.0 | 1", Chrome-plated Ball,<br>Full-flow Bore     | 570 |
| 8.709-247.0 | 1-1/4", Chrome-plated Ball,<br>Full-flow Bore | 430 |
| 8.709-248.0 | 1-1/2", Chrome-plated Ball,<br>Full-flow Bore | 430 |
| 8.709-264.0 | 2", Chrome-plated Ball,<br>Full-flow Bore     | 360 |
|             |   |     |

## **BALL VALVES - RKH SERIES - STAINLESS-**STEEL, HIGH PSI



- 316 Stainless-Steel Body, Ball and Stem
- Viton O-Rings
- Delrin Ball Seats
- Full Port

| PART NO.    | FPT         | PSI  |
|-------------|-------------|------|
| 8.709-277.0 | 3/8" x 3/8" | 5880 |
| 8.709-280.0 | 1/2" x 1/2" | 5880 |
| 8.709-283.0 | 3/4" x 3/4" | 5154 |
| 8.709-286.0 | 1" × 1"     | 5154 |

## **BALL VALVES - SHUT-OFF, HIGH PSI**



- Max PSI: 3000
- Max Temperature: 176°F
- Nickel Plated Brass Body

| PART NO.    | DESCRIPTION             | PSI  |
|-------------|-------------------------|------|
| 8.753-959.0 | 3/8 FPT x 3/8 FPT       | 3000 |
| 9.113-462.0 | <b>№</b> 3/8" FPT x FPT | 5000 |

## **BALL VALVES - BKH SERIES, HIGH PSI**



- Rugged Carbon Steel Construction
- 2-Way
- NPT (F x F) Threads
- Blow-Out Proof Stems
- Delrin Ball Seats
- Buna O-Rings

| PART NO.    | FPT                                | PSI              |  |
|-------------|------------------------------------|------------------|--|
| 8.709-274.0 | 1/4" x 1/4"                        | 7350             |  |
| 8.709-276.0 | 3/8" x 3/8"                        | 7350             |  |
| 8.709-279.0 | 1/2" x 1/2"                        | 7350             |  |
| 8.709-282.0 | 3/4" x 3/4"                        | 5880             |  |
| 8.700-270.0 | Replacement I<br>(fits all sizes a |                  |  |
| 8.700-271.0 | Replacement S                      | Screw for Handle |  |
|             |                                    |                  |  |

## **BALL VALVES - PVC, LOW PSI**

Great for chemical on / off flow control.



- PSI: 125
- Temperature: 140°F
- Flag Handle
- PVC and Nitrile Material
- Chemical and Impact Resistant

| PART NO.    | DESCRIPTION                 | PSI |
|-------------|-----------------------------|-----|
| 8.709-214.0 | 1/4" Panel Mtg, Barb x Barb | 125 |
| 8.709-219.0 | 1/4" In-line, Barb x Barb   | 125 |
| 8.709-220.0 | 3/8" In-line, Barb x Barb   | 125 |

## **BALL VALVES - STAINLESS-STEEL, LOW PSI, ONE PIECE**





- PSI: 800 at Temperature: 300°F
- PSI: 400 at Temperature: 350°F
- Standard Port
- 316 Stainless-Steel Body
- Suitable for Steam

| PART NO.    | FPT         | MATERIAL                    |
|-------------|-------------|-----------------------------|
| 8.709-287.0 | 1/4" x 1/4" | 316 Stainless-steel<br>Body |
| 8.709-288.0 | 3/8" x 3/8" | 316 Stainless-steel<br>Body |
| 8.709-290.0 | 3/4" x 3/4" | 316 Stainless-steel<br>Body |

## BALL VALVES - 2940/3830 MINI SERIES, LOW PSI



- PSI: 147 Working Pressure
- Nickel Plated Brass
- Brass Housing-Hex Bar
- Compact Knob Operation
- Designed to fit tight quarters
- Telfon® Seals

| PART NO.    | DESCRIPTION   |
|-------------|---|
| 8.709-270.0 | Series 3830 - Nickel Plated Brass,<br>1/8" x 1/8" FPT |
| 8.709-271.0 | Series 3830 - Nickel Plated Brass,<br>1/4" x 1/4" FPT |
| 8.709-272.0 | Series 2940 - Brass,<br>3/8" x 3/8" FPT               |
| 8.709-273.0 | Series 2940 - Brass,<br>1/2" x 1/2" FPT               |

## **BALL VALVES - MODEL 727, 3 WAY**



- PSI Max: 500
- Temperature Max: 180°F
- Telfon® Seat & Stainless Handle Screw
- Buna Seals
- Brass

| PART NO.    | DESCRIPTION    | PSI | TEMP  |
|-------------|----------------|-----|-------|
| 8.709-207.0 | 1/4" M x F x F | 500 | 180°F |

## CHEMICAL METERING VALVES - FLOW SELECTOR, 3 & 4 WAY

3-way and 4-way lever control with brass body.



- 3-Way
- Plumb for 2 Inlets and 1 Outlet or 1 Inlet and 2 Outlets
- 4-Way
- Plumb for 3 Inlets and 1 Outlet or 1 Inlet and 3 Outlets
- Rated Temperature: 180°F

| PART NO.    | DESCRIPTION    | TEMP  |  |
|-------------|----------------|-------|--|
| 8.710-108.0 | 1/4" FPT 3-Way | 180°F |  |
| 8.710-110.0 | 3/8" FPT 3-Way | 180°F |  |
| 8.710-113.0 | 1/4" FPT 4-Way | 180°F |  |
| 8.710-114.0 | 3/8" FPT 4-Way | 180°F |  |

## BALL VALVES - T-601 SERIES COMPACT PVC, LOW PSI



- PSI: 150 Working Pressure
- Temperature: 140°F
- FPT Thread Both Ends
- Easy-Turn Handle
- EPDM Seals White Body

| PART NO.    | FPT             |
|-------------|-----------------|
| 8.709-233.0 | 1/4" × 1/4"     |
| 8.709-234.0 | 1/2" x 1/2"     |
| 8.709-235.0 | 3/4" x 3/4"     |
| 8.709-236.0 | 1" X 1"         |
| 8.709-237.0 | 1-1/4" x 1-1/4" |
| 8.709-238.0 | 1-1/2" x 1-1/2" |
| 8.709-239.0 | 2" x 2"         |

## BALL VALVES - 454 SERIES, POLYPROPYLENE, LOW PSI

Full port reinforced polypropylene body for strength & chemical resistance.





8.709-222.0 8.709-228.0

- Max PSI: 240 Working Pressure
- Teflon Seats for smooth operation & proper sealing.
- Double EPDM O-Rings in Stem for "No Leak"
- Threaded Mounting Brass Inserts on 1-1/4" 2" Sizes
- 8mm Mounting Inserts

| PART NO.      | FPT                      |
|---------------|--------------------------|
| TWO-WAY BALL  | VALVES                   |
| 8.709-222.0   | 1/2" x 1/2"              |
| 8.709-223.0   | 3/4" x 3/4"              |
| 8.709-224.0   | 1" X 1"                  |
| 8.709-225.0   | 1-1/2" x 1-1/2"          |
| 8.709-226.0   | 2" x 2"                  |
| THREE-WAY BAL | L VALVES                 |
| 8.709-227.0   | 1/2" x 1/2" x 1/2"       |
| 8.709-228.0   | 3/4" x 3/4" x 3/4"       |
| 8.709-229.0   | 1" X 1" X 1              |
| 8.709-230.0   | 1-1/4" x 1-1/4" x 1-1/4" |
| 8.709-231.0   | 1-1/2" x 1-1/2" x 1-1/2" |
| 8.709-232.0   | 2" x 2" x 2"             |

## **CHEMICAL METERING VALVES - SERIES 28, FLOW CONTROL**



- PSI: 150
- Rated Temperature: 175°F
- Forged-Brass, Nickel-Plated Body
- Panel Mtg in 17/32" Hole
- Compact Size
- Double-Stem Seal

| PART NO.    | DESCRIPTION            | TEMP  | PSI |
|-------------|------------------------|-------|-----|
| 8.710-775.0 | 1/4", FPT Inlet/Outlet | 175°F | 150 |
| 8.710-776.0 | 3/8", FPT Inlet/Outlet | 175°F | 150 |

#### **CHEMICAL METERING VALVES - BRASS**





- PSI: 400 450
- Rated Temperature: 100°F
- 1/4" Inlet, Outlet
- Easy-Grip, Fluted Plastic Handle with Pointer
- Brass Body, Viton gland seal eliminates air leaks
- Panel Mount 11/16" or 3/4" Hole
- Extremely Compact T-Style

| PART NO.    | DESCRIPTION            | PSI |
|-------------|------------------------|-----|
| 8.710-773.0 | "T" 1/4" F x F, Forged | 440 |
| 9.802-188.0 | "L" 1/4" M x M         | 440 |

## CHEMICAL METERING VALVES - SERIES 28, FLOW CONTROL







9.802-532.0

limiting orifice

■ Forged-Brass Body

■ 9.802-187.0 has presettable

9.802-187.0

- PSI: 4000
- GPM: 6
- 1/4" Inlet, Outlet
- Adjusts from off to full flow

| PART NO.    | DESCRIPTION                                    | PSI    |
|-------------|--|--------|
| 8.710-771.0 | Flow Control                                   | 4000   |
| 9.802-187.0 | Flow Control with Botton<br>Locking Adjustment | n 4000 |
| 9.802-532.0 | Valve, Less Solenoid                           | 4000   |

## CHEMICAL METERING VALVES - FLOW CONTROL



The valve that "seals" (will not suck air).



- PSI: 3500
- Rated Temperature: 195°F
- 28" Vacuum No Leak
- Viton Gland Seal Isolates Metering Threads from Solution
- Stainless-Steel Needle, Brass Seat
- 1/4" FPT Ports
- Heavy-Duty Brass Bar Stock Body
- Panel Mounts 5/8" Hole
- Large Easy-Grip Four-Lobe Handwheel
- Aluminum or Poly Available

| PART NO.    | DESCRIPTION                      | PSI  |
|-------------|----------------------------------|------|
| 8.904-362.0 | Metering Valve,<br>Aluminum Knob | 3500 |
| 8.904-361.0 | Metering Valve, Poly<br>Knob     | 3500 |
| 8.740-083.0 | Replacement Knob                 |      |

# 8.740-083.0 Replacement Knob CHEMICAL METERING VALVES - SUTTNER W

Chemical flow can be metered and shut off remotely from the injector. With two inlets, it also allows switching from one solution to another.



**DUAL - ST-66 MODEL** 

- Double-Metering Dial with Center OFF
- Panel Mount in Single 5/8" Hole
- Two Input Barbs for Different Chemicals to Single Outlet Barb

| PART NO.    | DESCRIPTION | PANEL MOUNTING   |
|-------------|-------------|------------------|
| 8.710-779.0 | ST-66       | Single 5/8" Hole |

## THERMAL RELEIF VALVE / PUMP PROTECTOR - COMPACT





■ With and W/out 90° Hose Barb

| PART NO.    | SIZE     | 90° BARB | "TRIP' TEMP |
|-------------|----------|----------|-------------|
| 8.712-544.0 | 1/4" MPT | No       | 145°F       |
| 8.712-545.0 | 3/8" MPT | No       | 145°F       |
| 9.802-181.0 | 3/8 MPT  | Yes      | 145°F       |
| 9.804-025.0 | 1/4" MPT | Yes      | 145°F       |
| 8.707-250.0 | 3/8 MPT  | Yes      | 190°F       |
| 9.803-670.0 | 1/2" MPT | Yes      | 190°F       |
| 8.707-256.0 | 1/2" MPT | Yes      | 145°F       |

#### **REGULATOR VALVE - STEAM**

For "combo" hot pressure washer / steamer units. The single-turn on / off diverter valve bypasses pump flow to reduce water flow to the coil, creating steam in place of normal hot water.



- PSI: 4000
- Rated Temperature: 175°F Max Temperature: 300°F
- 1/4" MPT Inlet, Outlet
- Panel Mount in 11/16" or 3/4" Hole
- Machined-Brass Body
- Easy-Grip Plastic Knob

| PART NO.    | ORIFICE (MM) | PSI  |  |
|-------------|--------------|------|--|
| 8.711-263.0 | 0.8          | 4000 |  |
| 8.904-406.0 | 1.2          | 4000 |  |
| 8.904-407.0 | 1.5          | 4000 |  |
| 8.904-408.0 | 1.8          | 4000 |  |
| 8.904-409.0 | 2.0          | 4000 |  |

## THERMAL RELIEF VALVE / PUMP **PROTECTOR**



A must for any pump that might ever be left in bypass mode (unloading) for more than 15 seconds. Protects the pump from





overheating caused by recirculating water.

- Installs in Bypass Line
- Automotive Style Wax Element
- Automatically Resets at Cool Down to 115°F+
- No Adjustment Required
  - 1/8" FPT Side Discharge
  - PSI: 125 Inlet Pressure
  - GPM: 2.5

| PART NO.    | INLET    | GPM | "TRIP' TEMP |
|-------------|----------|-----|-------------|
| 8.904-565.0 | 3/8" MPT | 2.5 | 140°F       |
| 8.904-566.0 | 1/2" MPT | 2.5 | 140°F       |
| 8.723-943.0 | 1/2" MPT | 2.5 | 165°F       |

#### **RUPTURE DISKS**



- Temperature: 225°F
- 3/8" Inlet x 1/2" MPT Outlet
- Prevents dangerous thermal expansion of water in the coil
- Ensures operator safety

| PART NO.    | DESCRIPTION | MAX PSI |  |
|-------------|-------------|---------|--|
| 9.802-192.0 | Assembly    | 7000    |  |
| 8.707-381.0 | Assembly    | 8500    |  |

## THERMAL RELIEF VALVE / PUMP PROTECTOR -



- PSI: 145
- Opens Temperature: 135°F
- Low Profile
- Brass Body
- Plastic-Covered Barb

| PART NO. | DESCRIPTION                            | PSI |
|----------|--|-----|
|          | 3/8" Inlet, Low Profile,<br>Brass Body | 145 |
|          | 1/2" Inlet, Low Profile,<br>Brass Body | 145 |

#### PRESSURE RELIEF VALVES



Commonly referred to as a Pop-Off Valve.



- Temperature:160°F
- GPM: 10
- MPT Inlets x End Vent Outlets
- Machined Brass
- Automatically Resets
- Prevents pressure overloads. protecting people and equipment

| PART NO.    | DESCRIPTION         | MAX PSI |
|-------------|---------------------|---------|
| 8.722-192.0 | 1/4", Silver Spring | 1200    |
| 8.722-193.0 | 1/4", Red Spring    | 2400    |
| 8.722-194.0 | 1/4", Orange Spring | 3600    |
| 8.722-190.0 | 3/8", Orange Spring | 3600    |
| 9.802-191.0 | 3/8", Blue Spring   | 5000    |

## **AIR VALVE - COIL BLOW OUT**



Also good for water tank blowouts as well as blowing out irrigation lines.





- Threaded Connection
- 1/8" Model is Stainless-Steel Valve Cap Included
- 1/4" Brass Valve

| PART NO.    | DESCRIPTION                       |
|-------------|-----------------------------------|
| 8.705-047.0 | Stainless-steel, 1/8" MPT Connect |
| 8.705-048.0 | Lead Free Brass, 1/4" MPT Connect |
| 8.707-314.0 | Valve Assy, Water Tank Blow-Out   |

## **FLOW METERS - VISI - FLOAT**





- Installs in Bypass Line
- Automotive Style Wax Element
- Automatically Resets at Cool Down to 115°F+
- No Adjustment Required
- 1/8" FPT Side Discharge
- PSI: 125 Inlet Pressure
- GPM: 2.52" Scale

| PART NO.    | GPH  | MATERIAL        | METERING<br>VALVE |
|-------------|------|-----------------|-------------------|
| 8.710-097.0 | .6-5 | Brass           | No                |
| 8.710-098.0 | .6-5 | Brass           | Yes               |
| 8.710-101.0 | 2-10 | Brass           | No                |
| 8.710-102.0 | 2-10 | Brass           | Yes               |
| 8.710-099.0 | .6-5 | Stainless-steel | No                |
| 8.710-100.0 | .6-5 | Stainless-steel | Yes               |
| 8.710-104.0 | 2-10 | Stainless-steel | No                |
| 8.710-105.0 | 2-10 | Stainless-steel | Yes               |

Note: All flow measurements must be on low-pressure side of pump

## PRESSURE RELIEF VALVE - EASY-START, HIGH PSI





- Rated PSI: 4050 Permissable PSI: 4500
- Temperature: 176°F
- GPM: 8.0
- 3/8" MPT Inlet
- Hose Barb Outlet (8 mm)
- Machined-Brass Body
- Stainless-Steel Spring and Ball

| PART NO.    | DESCRIPTION      | GPM | PSI  |
|-------------|------------------|-----|------|
| 8.709-867.0 | Easy-Start Valve | 8.0 | 4500 |

#### **PRESSURE GAUGES - PORT KIT**



- PSI: 5000 Cold Water
- 1-3/4" Gauge
- 3/8" QC Socket
- 3/8" QC Plug

| PART NO.    | DESCRIPTION           | QC SOCKET / PLUG |  |
|-------------|-----------------------|------------------|--|
| 8.712-208.0 | Pressure<br>Gauge Kit | 3/8" / 3/8"      |  |

## PRESSURE RELIEF VALVE - EASY-START, LOW PSI







- Temperature: 195°F
- GPM: 8.0

- Machined-Brass Housing
- Stainless-Steel Internals

| PART NO.    | DESCRIPTION                                | INLET /<br>OUTLET      | PSI  |
|-------------|--|------------------------|------|
| 9.804-065.0 | Easy-Start<br>Valve                        | 1/4" MPT,<br>1/8" FPT  | 5000 |
| 9.802-190.0 | Easy-Start<br>Valve                        | 3/8" MPT,<br>1/8" FPT  | 5000 |
| 8.709-865.0 | Easy-Start<br>Valve                        | 3/8" MPT,<br>1/4" Barb | 4100 |
| 8.709-866.0 | Easy-Start<br>Valve                        | 3/8" MPT,<br>1/8" FPT  | 3500 |
| 8.751-265.0 | Easy-start<br>Valve                        | 3/8" MPT,<br>5/16" HB  | 5000 |
| 9.802-137.0 | Hose Barb (only) -<br>1/4" Barb x 1/8" MPT |                        |      |

## PRESSURE GAUGES - 100 SERIES PNEUMATIC



- Black Lacquered Steel Case
- Bronze Bourdon Tube
- Dry Gauge
- 1/4" NPT Brass Mounting Stem
- Accuracy + 3-2-3%

| PART NO.      | PRESSURE RANGE | MOUNTING STEM  |
|---------------|----------------|----------------|
| 2" BOTTOM MOU | JNT            |                |
| 8.710-307.0   | 0-60           | 1/4" NPT Brass |
| 8.710-308.0   | 0-100          | 1/4" NPT Brass |
| 8.710-309.0   | 0-200          | 1/4" NPT Brass |
| 8.710-310.0   | 0-300          | 1/4" NPT Brass |

## **PRESSURE GAUGE - FUEL / OIL**



- PSI: 0-200
- Perfect for Testing Burner Pump Fuel Pressure
- Metal Housing
- 2" Bottom Mount, 1/4" NPSM

| PART NO.    | DESCRIPTION                | PRESSURE RANGE |
|-------------|----------------------------|----------------|
| 8.700-738.0 | Fuel Oil<br>Pressure Gauge | 0-200 PSI      |

NOTE: NPSM - American National Straight Pipe Threads

## PRESSURE GAUGES - ABS, CORROSION-RESISTANT



- 2-1/2", Bottom Mount
- Acid and Alkali Proof Plastic Case
- 1/4" NPT Brass Mounting Stem
- Accuracy, Dry: + 3-2-3%
- Accuracy, Filled: + 1.5%
- Bronze Bourdon Tube

| PART NO.    | PRESSURE RANGE | MOUNTING STEM  |
|-------------|----------------|----------------|
| 8.710-291.0 | 0-100 PSI      | 1/4" NPT Brass |
| 8.710-293.0 | 0-200 PSI      | 1/4" NPT Brass |
| 8.710-294.0 | 0-300 PSI      | 1/4" NPT Brass |
| 8.710-295.0 | 0-1000 PSI     | 1/4" NPT Brass |
| 8.710-296.0 | 0-2000 PSI     | 1/4" NPT Brass |
| 8.710-297.0 | 0-3000 PSI     | 1/4" NPT Brass |
| 8.710-299.0 | 0-5000 PSI     | 1/4" NPT Brass |

## **PRESSURE REGULATOR, WATER 2-WAY**



- PSI: 10 125
- 3/8" Valve
- Lowers city water pressure for better machine performance

| PART NO.    | DESCRIPTION        | PSI    |
|-------------|--------------------|--------|
| 8.707-248.0 | Pressure Regulator | 10-125 |

## PRESSURE GAUGES - VACUUM - STAINLESS-STEEL



- Black Lacquered Steel Case
- Bronze Bourdon Tube
- Dry Gauge
- 1/4" NPT Brass Mounting Stem
- Accuracy + 3-2-3%

| PART NO.      | DESCRIPTION                  |
|---------------|------------------------------|
| 2-1/2" BACK M | OUNT WITH BRONZE INTERNALS   |
| 8.710-246.0   | 30Hg - 0 Vacuum Gauge        |
| MOUNTING HA   | RDWARE FOR BACK MOUNT GAUGES |
| 8.710-223.0   | U-Bracket, Mounting          |
| 8.710-228.0   | 3-Hole Flange, Mounting      |

#### **PRESSURE GAUGES - STAINLESS-STEEL**



- AISI 304 Stainless-Steel Case
- Bronze Bourdon Tube
- 99.5% Pure Glycerin Filled
- PSI and Bar Dual Scale
- 1/4" NPT Brass Mounting Stem
- Convex Magnifying Lens for Easy Readings
- Steel Needle and Peg
- Accuracy + 1.5%

| PART NO.       | PRESSURE RANGE             | MOUNTING STEM  |
|----------------|----------------------------|----------------|
| 2-1/2" BOTTOM  | MOUNT WITH BRO             | NZE INTERNALS  |
| 8.710-270.0    | 0-100 PSI                  | 1/4" NPT Brass |
| 8.710-272.0    | 0-200 PSI                  | 1/4" NPT Brass |
| 8.710-273.0    | 0-300 PSI                  | 1/4" NPT Brass |
| 8.710-276.0    | 0-500 PSI                  | 1/4" NPT Brass |
| 8.710-278.0    | 0-1000 PSI                 | 1/4" NPT Brass |
| 8.710-280.0    | 0-2000 PSI                 | 1/4" NPT Brass |
| 8.710-281.0    | 0-3000 PSI                 | 1/4" NPT Brass |
| 8.710-283.0    | 0-4000 PSI                 | 1/4" NPT Brass |
| 9.804-017.0    | 0-5000 PSI                 | 1/4" NPT Brass |
| 8.710-286.0    | 0-6000 PSI                 | 1/4" NPT Brass |
| 9.804-001.0    | 0-10,000 PSI               | 1/4" NPT Brass |
| 2-1/2" BACK MO | UNT WITH BRONZI            | E INTERNALS    |
| 8.710-250.0    | 0-100 PSI                  | 1/4" NPT Brass |
| 8.710-254.0    | 0-500 PSI                  | 1/4" NPT Brass |
| 8.710-256.0    | 0-1000 PSI                 | 1/4" NPT Brass |
| 8.710-257.0    | 0-2000 PSI                 | 1/4" NPT Brass |
| 8.710-258.0    | 0-3000 PSI                 | 1/4" NPT Brass |
| 8.710-259.0    | 0-4000 PSI                 | 1/4" NPT Brass |
| 8.712-149.0    | 0-5000 PSI                 | 1/4" NPT Brass |
| 8.712-150.0    | 0-6000 PSI                 | 1/4" NPT Brass |
| 8.710-262.0    | 0-6000 PSI                 | 1/4" NPT Brass |
| 9.804-013.0    | 0-10,000 PSI               | 1/4" NPT Brass |
| MOUNTING HAR   | DWARE FOR BACK             | MOUNT GAUGES   |
| 8.710-223.0    | U-Bracket,<br>Mounting     | 1/4" NPT Brass |
| 8.710-228.0    | 3-Hole Flange,<br>Mounting | 1/4" NPT Brass |

## PRESSURE GAUGES / TEMPERATURE TEST SET



Convenient test set provides both pressure and temperature check with one easy quick coupled connection at outlet of unloader or coil.



- Test Set 5000
   500°F Thermometer
   5000 PSI Pressure Gauge for
   Systems up to 2000 PSI
- Test Set 10,000 10,000 PSI Pressure Gauge for Systems up to 5000 PSI

| PART NO.    | DESCRIPTION                             |  |
|-------------|---|--|
| 8.904-559.0 | Test Set 5000<br>(0-2500 PSI Systems)   |  |
| 8.904-558.0 | Test Set 10,000<br>(0-5000 PSI Systems) |  |

#### **THROTTLE CONTROL - SPEEDMASTER**





- PSI: 3500
- Temperature: 300°F
- A Major System Saver for Gas Engine Units
- Machined-Brass Body
- Stainless-Steel Gland Components
- 1/4" Male Connect
- Viton Seals
- 42" Lined and Covered Control Cable
- Engine Speeds Infinitely Adjustable for "Fine Tuned" System Performance

| PART NO.    | DESCRIPTION      |
|-------------|------------------|
| 8.903-840.0 | Throttle Control |

#### **VOLTMETERS**



- Designated for OEM or Replacement
- Accuracy to + 5%
- Metal Case
- Rugged and Weather-Resistant
- Bright Stainless Bezel
- Utilize as Constant Monitor or as Test Instruments
- Fits 2-1/16" Mounting Hole

## **TEMPERATURE GAUGE**

Dial thermometers.





- 3" Diameter Dial -Stainless-Steel Case
- Shatter-Resistant Polycarbonate Lens
- Stainless-Steel Stem (2.5")
- 1/2" MPT Connector
- Accuracy to within 3% of Dial Range (50-500=+ 6.8°F)

| PART NO.             | DESCRIPTION   |
|----------------------|---|
| 8.712-488.0*         | Temp Gauge +50° to 500°F                            |
| *"Thermwell" to be u | sed with dial thermometers in systems over 300 PSI. |

\*"Thermwell" to be used with dial thermometers in systems over 300 PSI. For best results, fill Thermwell with liquid silicon or glycol to increase sensitivity and accuracy of readings.

#### **TEMPERATURE GAUGE - THERMWELL**

For use with above temperature gauge.



- PSI: 2000 Collapse Protection
- 1.75" Immersion Length
- Stainless-Steel, 3/4" MPT x 1/2" FPT

| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.712-489.0 | Thermwell for 8.712-488.0 |

#### **HOUR METERS FOR GASOLINE ENGINES**



- Elapsed Time
- No Battery Required
- Digital Quartz Accuracy (+ .02%)
- Extremely Rugged and Tamperproof
- Sealed from Dirt and Moisture
- Requires 2" Panel Cutout

| PART NO.    | DESCRIPTION                          |
|-------------|--------------------------------------|
| 8.749-183.0 | EL 5-80V AC/DC 50/60 Hz              |
| 8.749-316.0 | EL 24-277 AC/DC 50/60 Hz             |
| 9.802-283.0 | 24-240V AC - Rectangle               |
| 8.904-540.0 | Tach/Hour 12V DC with<br>Magnet Tool |

PART NO. DESCRIPTION 8.712-159.0 Voltmeter 120V

#### **BRIGGS & STRATTON ENGINES - GASOLINE**

Briggs & Stratton's top-of-the-line engines have proven performance in the pressure washer industry. They contain the power to complete any job faster and easier with less wear and tear on major engine components.







■ Large Fuel Tank

■ Super Quiet Muffler

■ State-of-the-Art Carburetion System ■ OilGaurd® Low-Oil Shutdown

| PART NO.    | HP | SHAFT DIA | START    | CHARGE RATE | FUEL TANK | MODEL NO. |
|-------------|----|-----------|----------|-------------|-----------|-----------|
| 8.754-819.0 | 18 | 1"        | Electric | 20 Amp      | N/A       | Vanguard  |
| 8.715-067.0 | 21 | 1"        | Electric | N/A         | N/A       | Vanguard  |

Note: Mufflers for the above engine are sold separately. See Briggs & Stratton Engine Parts section below.



■ 30% auieter muffler than competition

■ Cast / Sintered Iron Sleeve

■ OilGaurd® Low-Oil Shutdown

| PART NO.    | HP | SHAFT DIA | START  | CHARGE RATE | FUEL TANK | MODEL NO. |
|-------------|----|-----------|--------|-------------|-----------|-----------|
| 8.709-887.0 | 11 | 1"        | Recoil | N/A         | 2 Gal     | Vanguard  |

#### **BRIGGS & STRATTON ENGINE PARTS**

Genuine Brigss & Stratton replacement parts are available. Please provide engine model / type / code to ensure proper fit of replacement parts. All are authorized manufacturer replacement parts.





8.701-826.0

8.701-823.0



| PART NO.    | DESCRIPTION                          |
|-------------|--------------------------------------|
| 8.701-826.0 | Briggs 16/18 HP Vanguard, Oil Filter |
| 8.701-820.0 | Briggs 5 HP Industrial, Air Filter   |
| 8.701-821.0 | Briggs 8 or 11 HP IC, Air Filter     |
| 8.701-823.0 | Briggs 16/18 HP Vanguard, Air Filter |
| 8.718-021.0 | Sparkplug, Vanguard, RC12YC          |

#### **HONDA ENGINE PARTS**



Original Honda replacement parts from the factory. Filters are a great add-on to every service order. All are authorized manufacturer replacement parts.



8.701-764.0



8.701-830.0





| PART NO.    | DESCRIPTION                             |
|-------------|---|
| 8.701-830.0 | Honda 18/20 HP, Oil Filter              |
| 8.701-764.0 | Honda GX160, Air Filter                 |
| 8.701-780.0 | Honda GX240/270, Air Filter             |
| 8.701-781.0 | Honda GX340, Air Filter                 |
| 8.701-782.0 | Honda GX610/620, Air Filter (old style) |
| 8.701-783.0 | Honda GX610/620, Air Filter (new style) |
| 8.718-117.0 | Honda GX All Sparkplug                  |

#### **ENGINES - KOHLER LOMBARDINI - DIESEL**

Kohler Lombardini water cooled diesel engines provide superior power and quiet operation.



■ Diesel Powered

■ Water Cooled

| PART NO.    | НР   | SHAFT DIA | START    | CHARGE RATE | FUEL TANK | MODEL NO.                |
|-------------|------|-----------|----------|-------------|-----------|--------------------------|
| 8.753-906.0 | 26.8 | 1-1/2"    | Electric | N/A         | No        | LDW1003,<br>Water Cooled |



#### **ENGINE PARTS - KOHLER LOMBARDINI**

Factory direct Kohler parts. All are authorized manufacturer replacement parts.





| PART NO.    | DESCRIPTION | ENGINE MODEL     |
|-------------|-------------|------------------|
| 8.717-912.0 | Oil Filter  | LDW602/903/1003  |
| 8.717-915.0 | Air Filter  | LDW602/903/10003 |
| 8.717-909.0 | Fuel Filter | LDW602/903/1003  |

#### **STARTER SOLENOID - 12V DC**

Universal type used on many lawn and garden tractors and mowers.



- Double Terminal 5/16", 24 Studs
- Same as used on 16 HP B & S Vanguard Engines
- Rated for Intermittent Duty (i.e. for starting small gasoline engines)

| <b>VOLTAGE</b> | <b>REGULATOR</b> - | HEAVY-DUTY 15V |
|----------------|--------------------|----------------|
|                |                    |                |



■ Eliminates need for battery on 12 volt recoil hot water washers

| PART NO.    | DESCRIPTION    |
|-------------|----------------|
| 8.701-691.0 | 12V DC Starter |

| PART NO.    | DESCRIPTION                 |
|-------------|-----------------------------|
| 9.802-531.0 | Regulator, Voltage 15 Volts |

#### **KEYED IGNITION SWITCH - 12V DC**



- Universal Style / 5 Pole
- Off / On Start (Spring Back to On)
- Panel Nut and Star-Lock Washer
- Two keys included
- Has two auxiliary circuits
- Universal used for small engine controls on many lawn and garden tractors, mowers

| PART NO.    | DESCRIPTION                   |
|-------------|-------------------------------|
| 8.701-689.0 | Keyed Ignition Switch, 5 Pole |
| 8.701-690.0 | Keyed Ignition Switch, 6 Pole |

## **BALDOR MOTORS - C-FACE OPEN DRIP PROOF (ODP)**

Built to "industrial" specifications.



| 100            | •             |      |              |                |              |                |             |              |
|----------------|---------------|------|--------------|----------------|--------------|----------------|-------------|--------------|
| PART NO.       | MOTOR<br>HP   | RPM  | SHAFT<br>DIA | BOLT<br>CIRCLE | FRAME C-FACE | FULL LOAD AMPS | VOLTAGE     | MODEL        |
| SINGLE-PHASE N | <b>JOTORS</b> |      |              |                |              |                |             |              |
| 9.107-929.0    | 2.0           | 1725 | 5/8"         |                | 56C          | 16.4/8.2       | 115/230     | EPCL1322M    |
| 8.709-754.0    | 3.0           | 3450 | 5/8"         | 5-7/8"         | 56C          | 13.7/12.5      | 208/230     | 35K316Y771A4 |
| 8.709-723.0    | 3.0           | 1725 | 5/8"         | 5-7/8"         | 184CZ        | 32/16          | 115/230     | 36G309-2761  |
| 8.709-727.0    | 4.0           | 1725 | 5/8"         | 5-7/8"         | 182CZ        | 17.5/16        | 208/230     | 36G551X401G1 |
| 8.709-728.0    | 4.0           | 3450 | 5/8"         | 5-7/8"         | 56C          | 38/21/19       | 115/208/230 | 35K316S276G1 |
| 8.709-730.0    | 5.0           | 1725 | 1-1/8"       | 7-1/4"         | 184TC        | 25/23          | 208/230     | CL1410TM     |
| 8.709-731.0*   | 5.0           | 3450 | 5/8"         | 5-7/8"         | 56HCY        | 24/23          | 208/230     | PCL1327M     |
| 8.709-733.0    | 6.0           | 1725 | 1-1/8"       | 7-1/4"         | 184TCZ       | 26             | 230         | 36G601X288G1 |
| 8.709-734.0    | 7.5           | 1725 | 1-1/8"       | 7-1/4"         | 215C         | 36/33          | 208/230     | 37N007X177G1 |

<sup>\*</sup> SPECIAL MOTOR/ODTF- OPEN DRIP PROOF TANDEM FAN

## **BALDOR MOTORS - OPEN DRIP PROOF (ODP)**

Industrial-grade motors built specifically to meet or exceed the demands fo the pressure washer industry.



■ The Industry Standard









1 Phase, 56 Frame

1 Phase, 184T Frame

3 Phase, 184T Frame

| I Filase, 50 France   | Triuse, 1041 Truile          |                                 |      | 5 Filase, 1041 France |        |  |               |
|-----------------------|------------------------------|---------------------------------|------|-----------------------|--------|--|---------------|
| PART NO.              | MOTOR HP                     | VOLTAGE                         | RPM  | SHAFT DIA             | FRAME  | FULL LOAD AMPS   | MODEL         |
| SINGLE-PHASE M        | OTORS                        |                                 |      |                       |        |  |               |
| 9.804-516.0           | 1.5                          | 115V                            | 1725 | 5/8"                  | 56C    | 13.6   | 35R735R770G1  |
| 8.754-709.0           | 2.0                          | 115V                            | 1750 | 5/8"                  | 56C    | 16.4   | 35E3197L171G1 |
| 8.754-710.0           | 2.0                          | 115/230V                        | 3470 | 5/8"                  | 56C    | 15.6/7.8   | 35U075L138G1  |
| 9.107-929.0           | 2.0                          | 115/230V                        | 1725 | 5/8"                  | 56C    | 16.4/8.2   | EPCL1322M     |
| 8.715-158.0           | 2.3                          | 115V                            | 1750 | 5/8"                  | 56C    | 18   | 35Q899R328G1  |
| 8.709-751.0           | 3.0                          | 115/230V                        | 1725 | 1-1/8"                | 184T   | 32/16  | L1408TM       |
| 8.715-090.0           | 3.0                          | 208/230V                        | 1725 | 5/8"                  | 56HC   | 12.5   | 35M895T356    |
| 8.715-144.0*          | 5.0                          | 200V                            | 3450 | 3/4"                  | 56CZ   | 24.5   | 35V142R510G1  |
| 8.715-146.0           | 5.0                          | 208/230V                        | 3450 | 3/4"                  | 56CZ   |  | 35L358S214G1  |
| 8.709-759.0*          | 5.0                          | 208/230V                        | 3450 | 5/8"                  | 56/56H | 23/24  | PL1327M       |
| 8.709-757.0*          | 5.0                          | 208/230V                        | 1725 | 1-1/8"                | 184T   | 25/23  | L1410TM       |
| 8.715-091.0           | 5.0                          | 230V                            | 1725 | 7/8"                  | 184TCZ | 23   | 36L306W903G1  |
| 8.715-142.0           | 5.0                          | 230V                            | 1725 | 1-1/8"                | 182TZ  | 23   | 36J800X811    |
| 9.802-337.0           | 6.2                          | 200V                            | 1725 | 1-1/8"                | 184TZ  | 30.7   | 36J468Y852    |
| 9.802-336.0**         | 6.2                          | 230V                            | 1725 | 1-1/8"                | 184TZ  | 26   | 36K907T466    |
| 8.715-102.0           | 7.5                          | 230V                            | 1725 | 1-3/8"                | 215TZ  | 31   | 37H404W885G1  |
| 8.715-163.0           | 8.2                          | 208V                            | 1740 | 1-3/8"                | 215T   | 36.5   | 37H847Y711G1  |
| 8.715-165.0           | 8.2                          | 230V                            | 1740 | 1-3/8"                | 215T   | 34.5   | 37H847Y712    |
| 8.715-168.0           | 8.2                          | 230V                            | 3450 | 1-1/8"                | 184T   | 32.8   | 36E002Y277G1  |
| 8.725-973.0           | 8.2                          | 230V                            | 1740 | 1-3/8"                | 215T   | 34.5   | 37L276Y712G1  |
| THREE-PHASE MO        | OTORS                        |                                 |      |                       |        |  |               |
| 8.751-009.0**         | 5.0                          | 575V                            | 1750 | 1-1/8"                | 184T   | 5.3  | EM3218T-5     |
| 8.751-004.0**         | 6.2                          | 208-230/460                     | 1750 | 1-1/8"                | 184T   | 17.6-17.4/8.7  | 36G548S590G1  |
| 8.751-014.0**         | 7.5                          | 208-230/460                     | 1770 | 1-3/8"                | 213T   | 20.4-19.4/9.7  | EM3311T       |
| 8.751-010.0**         | 7.5                          | 575V                            | 1770 | 1-3/8"                | 213T   | 7.8  | EM3311T-5     |
| 8.750-999.0**         | 8.2                          | 208-230/460                     | 1770 | 1-3/8"                | 215T   | 22.2/11.1  | 37F614S938G1  |
| 8.751-005.0**         | 8.2                          | 575V                            | 3450 | 1-1/8"                | 184T   | 7.4  | 36G548S515G1  |
| 8.751-011.0**         | 10.0                         | 575V                            | 1770 | 1-3/8"                | 215T   | 10.0   | EM3313T-5     |
| 8.751-008.0**         | 20.0                         | 575V                            | 1765 | 1-5/8"                | 256T   | 19.1   | EM2515T-5     |
| and the second second | and the second second second | and the second of the second of |      |                       |        | The second secon | 6 11          |

Note: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated. \* SPECIAL MOTOR/ODTF- OPEN DRIP PROOF TANDEM FAN \*\* OPSB = Additional slotted bands to vent the heat.

## **MOTORS - TOTALLY ENCLOSED FAN COOLED (TEFC)**



Featuring heavy-guage steel frames, ball bearings, welded base and "snap-action" starting for reliability. Built to industrial specifications.



| PART NO.            | MOTOR<br>HP | RPM  | SHAFT DIA | BOLT<br>CIRCLE | FRAME /<br>C-FACE | FULL LOAD<br>AMPS | VOLTAGE     | MODEL        |  |  |
|---------------------|-------------|------|-----------|----------------|-------------------|-------------------|-------------|--------------|--|--|
| SINGLE-PHASE MOTORS |             |      |           |                |                   |                   |             |              |  |  |
| 8.709-767.0         | 1.5         | 1725 | 5/8"      | 5-7/8"         | 56C               | 12/6              | 115/230     | PCL3514M     |  |  |
| 8.723-881.0         | 2.0         | 1725 | 5/8"      |                | 56C               | 17.6/8.8          | 115/230     | 35W249T988G1 |  |  |
| 8.709-774.0         | 2.0         | 3450 | 5/8"      | 5-7/8"         | 56C               | 17.6/8.8          | 115/230     | PCL3515M     |  |  |
| 8.709-779.0         | 3.0         | 3450 | 5/8"      | 5-7/8"         | 56C               | 13.7/12.5         | 208/230     | PCL3519M     |  |  |
| 8.709-784.0         | 5.0         | 1725 | 1-1/8"    | 7-1/4"         | 184TC             | 23                | 230         | CL3612TM     |  |  |
| 8.709-737.0         | 7.5         | 1725 | 1-1/8"    | 7-1/4"         | 215C              | 34.1/30.8         | 208/230     | 37H209T032   |  |  |
| 8.709-793.0         | 10.0        | 1740 | 1-3/8"    |                | 215T              | 38                | 230         | L3712T       |  |  |
| THREE-PHASE MOTORS  |             |      |           |                |                   |                   |             |              |  |  |
| 8.751-318.0         | 5.0         | 1750 | 1-1/8"    | 7-1/4"         | 184TC             | 13.9-13.4/6.7     | 208-230/460 | CEM3615T     |  |  |
| 8.751-016.0         | 10.0        | 1770 | 1-3/8"    |                | 215T              | 25.4-24/12        | 208-230/460 | EM3714T      |  |  |

## **MOTORS - A.O. SMITH - PRESSURE WASHER - OPEN DRIP PROOF (ODP)**

Excellent power efficiency.



| PART NO.            | MOTOR<br>HP | RPM  | SHAFT DIA | BOLT<br>CIRCLE | FRAME /<br>C-FACE | FULL LOAD<br>AMPS | VOLTAGE | MODEL |
|---------------------|-------------|------|-----------|----------------|-------------------|-------------------|---------|-------|
| SINGLE-PHASE MOTORS |             |      |           |                |                   |                   |         |       |
| 8.709-808.0         | 6.0         | 3600 | 7/8"      | 5-7/8"         | 56Y               | 22.0              | 208/230 | B869  |

## **REFERENCE / CALCULATION GUIDE**

| Conversion Factors |   |            | Horsepo | wer (HP) Equations | QUESTIONS AND ANSWERS    |                                   |  |
|--------------------|---|------------|---------|--------------------|--------------------------|-----------------------------------|--|
| 1 inch             | = | 25.4 mm    | HP = -  | GPM X PSI          | How fast do I turn my pu | ump to give me a desired GPM?     |  |
| 1 cm               | = | 0.394 inch | пг-     | 1460               |                          | (Desired GPM x Rate RPM)          |  |
|                    |   |            |         | HP X 1460          | Required RPM =           | Rated GPM                         |  |
| 1 gal H2O          | = | 8.33 lbs.  | PSI = — | GPM                | How fast do I turn my pu | Jmp to give me a desired GPM?     |  |
| 1 oz.              | = | 23.35 gram |         | HP X 1460          |                          | Motor Pulley Diameter x Motor RPM |  |
| 1 gal              | = | 3.79 liter | GPM = - |                    | Pump Pulley Diameter =   | =                                 |  |
| 1 liter            | = | 0.2642 gal |         | PSI                |                          | Pump RPM                          |  |

## **MOTORS - WEG - PRESSURE WASHER**

Built to industrial specifications.



■ Rolled Steel Platform



| PART NO.  | MOTOR HP | SHAFT DIA   |           | FULL LOAD AMPS    | VOLTAGE             | MODEL           |  |
|---|----------|-------------|-----------|-------------------|---------------------|-----------------|--|
| MOTORS- WEG-PRESSURE WASHER- OPEN DRIP PROOF (ODP) THREE-PHASE MOTORS |          |             |           |                   |                     |                 |  |
| 8.756-425.0   | 5.0      | 1-1/8"      | 182/4T    | 14.0-12.7/6.33    | 190/380/208-230/460 | 005180T3E184T-S |  |
| 8.755-598.0   | 5.0      | 1-1/8"      | 182/4T    | 14.6              | 200                 | 005180T3P184T-S |  |
| 8.755-604.0   | 7.5      | 1-3/8"      | 213/5T    | 20.5-18.5/9.25    | 190/380/208-230/460 | 007180T3E213T-S |  |
| 8.755-606.0   | 7.5      | 1-3/8"      | 213/5T    | 21.0              | 200                 | 007180T3P213T-S |  |
| 8.755-599.0   | 10.0     | 1-3/8"      | 213/5T    | 28.5              | 200                 | 010180T3P215T-S |  |
| 8.755-605.0   | 10.0     | 1-3/8"      | 213/5T    | 27.4-24.8/12.4    | 190/380/208-230/460 | 010180T3E215T-S |  |
| 8.755-600.0   | 15.0     | 1-5/8"      | 254/6T    | 42.2              | 200                 | 015180T3P254T-S |  |
| 8.756-429.0   | 15.0     | 1-5/8"      | 254/6T    | 41.1-37.2/18.6    | 190/380/208-230/460 | 015180T3E254T-S |  |
| 8.755-601.0   | 20.0     | 1-5/8"      | 254/6T    | 56.8              | 200                 | 020180T3P256T-S |  |
| 8.756-431.0   | 20.0     | 1-5/8"      | 254/6T    | 55.3-50.0/25.0    | 208-230/460         | 020180T3E256T-S |  |
| MOTORS- WEG-<br>SINGLE-PHASE  |          | ASHER- TOTA | LLY ENCLO | SED FAN COOLED (1 | ΓEFC)               |                 |  |
| 8.759-045.0   | 2.0      | 5/8"        | 56C       | 16.2/8.12         | 115/230             | 1725            |  |
| 8.759-047.0   | 5.0      | 1 1/8"      | 182/4T    | 22.7              | 200                 | 1755            |  |
| 8.759-048.0   | 5.0      | 1 1/8"      | 182/4T    | 20.4              | 230                 | 1755            |  |
| 8.759-053.0   | 6.2      | 1 1/8"      | 182/4TZ   | 27.7              | 200                 | 1750            |  |
| 8.759-054.0   | 6.2      | 1 1/8"      | 182/4TZ   | 24.3              | 230                 | 1750            |  |
| 8.759-057.0   | 7.5      | 1 1/8"      | 213/5TZ   | 33.1              | 200                 | 1745            |  |
| MOTORS- WEG-<br>THREE-PHASE N   |          | ASHER- TOTA | LLY ENCLO | SED FAN COOLED (1 | ΓEFC)               |                 |  |
| 8.759-059.0   | 5.0      | 1 1/8"      | 182/4T    | 14.9              | 200                 | 1750            |  |
| 8.759-051.0   | 5.0      | 1 1/8"      | 182/4T    | 13.0/6.49         | 230/460             | 1750            |  |
| 8.759-052.0   | 5.0      | 1 1/8"      | 182/4T    | 5.19              | 575                 | 1750            |  |
| 8.759-070.0   | 10.0     | 1 1/8"      | 213/5T    | 28.1              | 200                 | 1760            |  |
| 8.759-071.0   | 10.0     | 1 1/8"      | 213/5T    | 24.4/12.2 A       | 230/460             | 1760            |  |
| 8.759-072.0   | 10.0     | 1 1/8"      | 213/5T    | 9.76              | 575                 | 1760            |  |
| 8.759-073.0   | 15.0     | 1 3/8"      | 254/6T    | 41.9              | 200                 | 1770            |  |
| 8.759-074.0   | 15.0     | 1 3/8"      | 254/6T    | 36.4/18.2 A       | 230/460             | 1770            |  |
| 8.759-075.0   | 15.0     | 1 3/8"      | 254/6T    | 14.6              | 575                 | 1770            |  |
| 8.759-076.0   | 20.0     | 1 3/8"      | 254/6T    | 56.8              | 200                 | 1765            |  |
| 8.759-077.0   | 20.0     | 1 3/8"      | 254/6T    | 49.4/24.7 A       | 230/460             | 1765            |  |
| 8.759-078.0   | 20.0     | 1 3/8"      | 254/6T    | 19.8              | 575                 | 1765            |  |

## **SMALL ENGINE TEST EQUIPMENT**



#### **SPARK TESTER**

- Connects between plug and plug wire
- Totally Contained Spark
- Engine will run with tester attached
- Neon test light verifies proper ignition
- Handy tool allow safe, easy visual inspection of ignition output



#### **COMPRESSION TESTER**

- Designed for small engines
- 2-1/2" dial reads up to 300 PSI
- 12" flexible hose to reach spark plug holes
- Adapters for 14 mm and 18 mm spark plug holes
- Built-in pressure holding / release valves



#### **WIRELESS TACHOMETER**

- Terrific service aid for 1-cylinder engines
- Just hold built-in antenna near spark plug
- Two scales: 0-5,000 RPM or 0-15,000 RPM
- Solid-State Electronics
- Requires 9V Battery (not included)
- Excellent for setting GPM on pressure washers; accuracy within 2% of full scale

| PART NO.    | DESCRIPTION        |
|-------------|--------------------|
| 8.701-680.0 | Spark Tester       |
| 8.701-682.0 | Compression Tester |
| 8.701-681.0 | Wireless Tach      |

#### **COUPLERS SECTIONS - BROWNING / LOVEJOY**

Listed as individual coupler sections (half) to allow flexibility in design. For complete coupler select: Bore size for motor + Bore size for pump + Spider = Complete Coupler.

Please Note: Select halves from same series as listed in groups below. (e.g. All "090/095", "099/100")







| PART NO.       | DESCRIPTION        | BORE                       |
|----------------|--------------------|----------------------------|
| 090/095 SERIES | S: UP TO 3 HP ELE  | CTRIC OR 4 HP GAS          |
| 8.709-620.0    | Coupler Half       | 24 mm                      |
| 8.709-640.0    | Coupler Half       | 5/8" (090)                 |
| 8.709-634.0    | Coupler Half       | 3/4" (090)                 |
| 8.709-639.0    | Buna Spider for    | 090 (STD)                  |
| 099/100 SERIES | S: UP TO 5-7 1/2 H | IP ELECTRIC OR 5-13 HP GAS |
| 8.709-626.0    | Coupler Half       | 3/4" (100)                 |
| 8.709-625.0    | Coupler Half       | 20 mm (100)                |
| 8.709-627.0    | Coupler Half       | 24 mm (099)                |
| 8.709-628.0    | Coupler Half       | 24 mm (100)                |
| 8.709-629.0    | Coupler Half       | 1" (100)                   |
| 8.709-632.0    | Coupler Half       | 1-1/8" (100)               |
| 8.709-637.0    | Coupler Half       | 1-3/8" (100)               |
| 8.709-633.0    | Buna Spider for    | 099/100 (STD)              |

#### **PULLEY BUSHINGS**

Split taper "H"



- Split Taper, Malleable Iron
- Keyed to Both Shaft and Hub
- Highest Torque Carrying Capacity

| PART NO.       | SIZE                    |
|----------------|-------------------------|
| MOTOR / ENGINE | BUSHINGS                |
| 9.802-397.0    | H X 5/8"                |
| 9.803-897.0    | H X 3/4"                |
| 8.715-633.0    | H X 7/8"                |
| 9.802-399.0    | H X 1"                  |
| 9.802-400.0    | H X 1-1/8"              |
| 9.802-401.0    | H X 1-3/8"              |
| 8.715-638.0    | H X 1-3/8" - 6B, Spline |
| PUMP BUSHINGS  |                         |
| 8.711-118.0    | H X 20 mm               |
| 8.711-119.0    | H X 22 mm               |
| 9.802-402.0    | H X 24 mm               |
| 9.802-403.0    | H X 25 mm               |
| 8.715-646.0    | H X 30 mm               |
| 8.711-124.0    | H X 32 mm               |
| 8.711-125.0    | H X 35 mm               |
|                |                         |

#### **PULLEYS**

Fits Interpump, General and Admiral XLS, XDS Series pumps, plus XD3040, XD3047, XD3047, XD3055 and XD3065.



- Double Grove
- 24 mm Bore

■ 2 x A Groove

| PART NO.    | OD   |
|-------------|------|
| 8.711-115.0 | 4.0" |
| 8.711-116.0 | 5.5" |
| 8.711-117.0 | 6.3" |

## **V-BELTS - SUPER "GRIPNOTCH"**



- Full Line of Belts
- "V"-notched for longer life and better performance

| PART NO.    | SIZE |
|-------------|------|
| 8.715-669.0 | AX26 |
| 8.715-671.0 | AX28 |
| 8.715-672.0 | AX29 |
| 8.715-673.0 | AX30 |
| 9.804-026.0 | AX31 |
| 9.803-896.0 | AX33 |
| 9.802-407.0 | AX34 |
| 9.803-683.0 | AX35 |
| 9.802-408.0 | AX36 |
| 9.802-409.0 | AX37 |
| 9.802-410.0 | AX38 |
| 9.803-543.0 | AX39 |
| 9.804-005.0 | AX40 |
| 8.715-682.0 | AX41 |
| 9.802-411.0 | AX42 |
| 8.715-684.0 | AX46 |
| 9.715-685.0 | AX43 |
| 9.802-412.0 | BX22 |
| 9.803-626.0 | BX30 |
| 9.802-413.0 | BX32 |
| 9.802-414.0 | BX34 |

| PART NO.    | SIZE |  |
|-------------|------|--|
| 9.802-415.0 | BX35 |  |
| 9.802-416.0 | BX36 |  |
| 8.715-698.0 | BX37 |  |
| 8.710-745.0 | BX38 |  |
| 9.802-418.0 | BX39 |  |
| 8.715-701.0 | BX40 |  |
| 8.715-702.0 | BX41 |  |
| 9.802-419.0 | BX42 |  |
| 9.802-420.0 | BX43 |  |
| 9.802-421.0 | BX44 |  |
| 8.710-756.0 | BX45 |  |
| 8.715-706.0 | BX46 |  |
| 8.715-707.0 | BX47 |  |
| 8.715-708.0 | BX48 |  |
| 8.710-761.0 | BX49 |  |
| 8.715-709.0 | BX50 |  |
| 8.715-710.0 | BX51 |  |
| 8.715-712.0 | BX54 |  |
| 8.710-766.0 | BX56 |  |
| 8.715-711.0 | BX52 |  |
| 8.715-713.0 | BX68 |  |

**Pulley-Sheaves**High-quality, cast-iron pulleys, Cast design. All sizes availble.











| AK | Pul | lev |
|----|-----|-----|
|    |     |     |

**2AK Pulley** 

**BK Pulley** 

**2BK Pulley** 

**3TB Pulley** 

| 8.715-517.0 AK21* 2.10" 8.715-519.0 AK23* 2.30" 9.802-368.0 AK25* 2.50" 9.804-028.0 AK28* 2.80" 8.715-527.0 AK32H 3.25" 8.715-530.0 AK34H 3.45" 9.803-898.0 AK39H 3.75" 9.802-369.0 AK74H 7.25" 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 9.25" 9.802-375.0 2AK84H 9.25" 9.802-375.0 2AK84H 3.35" 9.802-375.0 BK30H 3.30" 9.802-377.0 BK32H 3.55" 9.802-379.0 BK32H 3.55" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45" 8.710-831.0 BK52H 4.95"   | PART NO.    | SIZE    | OD    |
|--|-------------|---------|-------|
| 8.715-519.0 AK23* 2.30" 9.802-368.0 AK25* 2.50" 9.804-028.0 AK28* 2.80" 8.715-527.0 AK32H 3.25" 8.715-530.0 AK34H 3.45" 9.802-369.0 AK74H 7.25" 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-548.0 2AK46H 4.95" 8.715-548.0 2AK49H 4.75" 8.715-555.0 2AK64H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-372.0 2AK54H 5.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-377.0 BK32H 3.55" 9.802-378.0 BK36H 3.55" 9.802-379.0 BK36H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" |             |         |       |
| 9.802-368.0 AK25* 2.50" 9.804-028.0 AK28* 2.80" 8.715-527.0 AK32H 3.25" 8.715-530.0 AK34H 3.45" 9.803-898.0 AK39H 3.75" 9.802-369.0 AK74H 7.25" 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-548.0 2AK49H 4.75" 8.715-548.0 2AK49H 4.95" 9.802-372.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK94H 9.25" 9.802-375.0 2AK94H 3.35" 9.802-375.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-378.0 BK36H 3.75" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-823.0 BK45H 4.25"  |             |         |       |
| 8.715-527.0 AK32H 3.25" 8.715-530.0 AK34H 3.45" 9.803-898.0 AK39H 7.25" 8.715-538.0 AK84H 8.25" 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 4.25" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-375.0 2AK84H 8.25" 9.802-377.0 BK32H 9.25" 9.802-377.0 BK30H 3.30" 9.802-377.0 BK30H 3.35" 9.802-377.0 BK32H 3.55" 9.802-378.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-560.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"  | 9.802-368.0 |         |       |
| 8.715-530.0 AK34H 3.45" 9.803-898.0 AK39H 3.75" 9.802-369.0 AK74H 7.25" 8.715-538.0 AK84H 8.25" 9.803-298.0 2AK30H 3.05" 9.803-298.0 2AK30H 3.25" 9.804-047.0 2AK32H 3.25" 9.804-047.0 2AK44H 4.25" 8.715-546.0 2AK44H 4.25" 8.715-548.0 2AK46H 4.60" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 9.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.55" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK45H 4.25" 8.710-819.0 BK45H 4.25"  | 9.804-028.0 | AK28*   | 2.80" |
| 9.803-898.0 AK39H 3.75" 9.802-369.0 AK74H 7.25" 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 4.25" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.55" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK45H 4.25" 8.710-819.0 BK45H 4.25"   | 8.715-527.0 | AK32H   | 3.25" |
| 9.802-369.0 AK74H 7.25" 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 9.25" 9.802-375.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"  | 8.715-530.0 | AK34H   | 3.45" |
| 8.715-538.0 AK84H 8.25" 8.715-539.0 AK89H 8.75" 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 4.25" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.55" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-819.0 BK45H 4.25"  | 9.803-898.0 | АКЗ9Н   | 3.75" |
| 8.715-539.0 AK89H 8.75"  9.803-298.0 2AK30H 3.05"  9.804-047.0 2AK32H 3.45"  8.715-546.0 2AK44H 4.25"  8.715-547.0 2AK49H 4.75"  8.715-548.0 2AK51H 4.95"  9.802-372.0 2AK54H 5.25"  8.715-555.0 2AK64H 6.25"  9.802-374.0 2AK74H 7.25"  9.802-375.0 2AK84H 9.25"  9.803-548.0 2AK94H 9.25"  8.715-560.0 BK30H 3.30"  9.802-377.0 BK32H 3.55"  9.802-379.0 BK36H 3.75"  8.715-566.0 BK40H 3.95"  8.715-566.0 BK40H 3.95"  8.715-566.0 BK40H 3.95"  8.710-819.0 BK45H 4.25"  8.710-819.0 BK45H 4.25"  8.710-823.0 BK47K 4.45"   | 9.802-369.0 | AK74H   | 7.25" |
| 9.803-298.0 2AK30H 3.05" 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.803-548.0 2AK94H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"  | 8.715-538.0 | AK84H   | 8.25" |
| 9.802-371.0 2AK32H 3.25" 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"   | 8.715-539.0 | AK89H   | 8.75" |
| 9.804-047.0 2AK34H 3.45" 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"  | 9.803-298.0 | 2AK30H  | 3.05" |
| 8.715-546.0 2AK44H 4.25" 8.715-547.0 2AK46H 4.60" 8.715-548.0 2AK49H 4.75" 8.715-549.0 2AK51H 4.95" 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"   | 9.802-371.0 | 2AK32H  | 3.25" |
| 8.715-547.0 2AK46H 4.60"<br>8.715-548.0 2AK49H 4.75"<br>8.715-549.0 2AK51H 4.95"<br>9.802-372.0 2AK54H 5.25"<br>8.715-555.0 2AK64H 6.25"<br>9.802-374.0 2AK74H 7.25"<br>9.802-375.0 2AK84H 8.25"<br>9.803-548.0 2AK94H 9.25"<br>8.715-560.0 BK30H 3.30"<br>9.802-377.0 BK32H 3.35"<br>9.802-378.0 BK34H 3.55"<br>9.802-379.0 BK36H 3.75"<br>8.715-566.0 BK40H 3.95"<br>8.710-819.0 BK45H 4.25"<br>8.710-823.0 BK47K 4.45"  | 9.804-047.0 | 2AK34H  | 3.45" |
| 8.715-548.0       2AK49H       4.75"         8.715-549.0       2AK51H       4.95"         9.802-372.0       2AK54H       5.25"         8.715-555.0       2AK64H       6.25"         9.802-374.0       2AK74H       7.25"         9.802-375.0       2AK84H       8.25"         9.803-548.0       2AK94H       9.25"         8.715-560.0       BK30H       3.30"         9.802-377.0       BK32H       3.35"         9.802-378.0       BK34H       3.55"         9.802-379.0       BK36H       3.75"         8.715-566.0       BK40H       3.95"         8.710-819.0       BK45H       4.25"         8.710-823.0       BK47K       4.45"   | 8.715-546.0 | 2AK44H  | 4.25" |
| 8.715-549.0       2AK51H       4.95"         9.802-372.0       2AK54H       5.25"         8.715-555.0       2AK64H       6.25"         9.802-374.0       2AK74H       7.25"         9.802-375.0       2AK84H       8.25"         9.803-548.0       2AK94H       9.25"         8.715-560.0       BK30H       3.30"         9.802-377.0       BK32H       3.35"         9.802-378.0       BK34H       3.55"         9.802-379.0       BK36H       3.75"         8.715-566.0       BK40H       3.95"         8.710-819.0       BK45H       4.25"         8.710-823.0       BK47K       4.45"  | 8.715-547.0 | 2AK46H  | 4.60" |
| 9.802-372.0 2AK54H 5.25" 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-379.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"   | 8.715-548.0 | 2AK49H  | 4.75" |
| 8.715-555.0 2AK64H 6.25" 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-378.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"  | 8.715-549.0 | 2AK51H  | 4.95" |
| 9.802-374.0 2AK74H 7.25" 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-378.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"   | 9.802-372.0 | 2AK54H  | 5.25" |
| 9.802-375.0 2AK84H 8.25" 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-378.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"  | 8.715-555.0 | 2AK64H  | 6.25" |
| 9.803-548.0 2AK94H 9.25" 8.715-560.0 BK30H 3.30" 9.802-377.0 BK32H 3.35" 9.802-378.0 BK34H 3.55" 9.802-379.0 BK36H 3.75" 8.715-566.0 BK40H 3.95" 8.710-819.0 BK45H 4.25" 8.710-823.0 BK47K 4.45"   | 9.802-374.0 | 2AK74H  | 7.25" |
| 8.715-560.0       BK30H       3.30"         9.802-377.0       BK32H       3.35"         9.802-378.0       BK34H       3.55"         9.802-379.0       BK36H       3.75"         8.715-566.0       BK40H       3.95"         8.710-819.0       BK45H       4.25"         8.710-823.0       BK47K       4.45"  | 9.802-375.0 | 2AK84H  | 8.25" |
| 9.802-377.0 BK32H 3.35"<br>9.802-378.0 BK34H 3.55"<br>9.802-379.0 BK36H 3.75"<br>8.715-566.0 BK40H 3.95"<br>8.710-819.0 BK45H 4.25"<br>8.710-823.0 BK47K 4.45"   | 9.803-548.0 | 2AK94H  | 9.25" |
| 9.802-378.0 BK34H 3.55"<br>9.802-379.0 BK36H 3.75"<br>8.715-566.0 BK40H 3.95"<br>8.710-819.0 BK45H 4.25"<br>8.710-823.0 BK47K 4.45"  | 8.715-560.0 | ВК30Н   | 3.30" |
| 9.802-379.0       BK36H       3.75"         8.715-566.0       BK40H       3.95"         8.710-819.0       BK45H       4.25"         8.710-823.0       BK47K       4.45"  | 9.802-377.0 | ВК32Н   | 3.35" |
| 8.715-566.0       BK40H       3.95"         8.710-819.0       BK45H       4.25"         8.710-823.0       BK47K       4.45"  | 9.802-378.0 | ВК34Н   |       |
| 8.710-819.0       BK45H       4.25"         8.710-823.0       BK47K       4.45"  | 9.802-379.0 | ВК36Н   | 3.75" |
| <b>8.710-823.0</b> BK47K 4.45"   | 8.715-566.0 | ВК40Н   |       |
| 51.71X 1.15  | 8.710-819.0 | BK45H   | 4.25" |
| <b>8.710-831.0</b> BK52H 4.95"   |             | 5111711 |       |
|  | 8.710-831.0 | BK52H   | 4.95" |

| PART NO.    | SIZE    | OD    |
|-------------|---------|-------|
| 8.710-837.0 | ВК60Н   | 5.75" |
| 8.715-568.0 | BK65H   | 6.25" |
| 8.715-570.0 | ВК70Н   | 6.75" |
| 8.715-571.0 | BK75H   | 7.25" |
| 9.802-380.0 | ВК80Н   | 7.75" |
| 8.715-573.0 | ВК85Н   | 8.25" |
| 8.710-858.0 | BK100H  | 9.75" |
| 8.715-574.0 | ВК90Н   | 8.75" |
| 8.715-576.0 | 2BK32H  | 3.35" |
| 9.802-382.0 | 2BK34H  | 3.55" |
| 9.802-383.0 | 2BK36H  | 3.76" |
| 9.802-384.0 | 2BK40H  | 3.95" |
| 9.802-385.0 | 2BK45H  | 4.25" |
| 8.715-582.0 | 2BK47H  | 4.45" |
| 8.715-583.0 | 2BK50H  | 4.75" |
| 9.802-386.0 | 2BK52H  | 4.95" |
| 8.715-5850  | 2BK55H  | 5.25" |
| 9.803-299.0 | 2BK57H  | 5.45" |
| 9.802-387.0 | 2BK60H  | 5.75" |
| 8.715-588.0 | 2BK62H  | 5.95" |
| 9.804-060.0 | 2BK65H  | 6.25" |
| 9.802-388.0 | 2BK67H  | 6.45" |
| 8.715-591.0 | 2BK70H  | 6.75" |
| 9.802-389.0 | 2BK80H  | 7.75" |
| 8.715-593.0 | 2BK90H  | 8.75" |
| 9.802-391.0 | 2BK100H | 9.75" |
| 8.715-598.0 | 2TB40   | 4.35" |
| 9.802-392.0 | 3TB34   | 3.75" |
| 9.802-394.0 | 3TB40   | 4.35" |

## **BURNERS - BECKETT - 115V / 230V**

Ergnomically designed to be the most comfortable gun on the market.





- .4 to 3 GPH firing rate
- 6-1/4" Blower Fan, 115V and 230V
- 3,450 RPM Pump / Blower Motor
- Solid-State Ignition
- Beckett "CleanCut" Fuel Pump with Oil Valve
- Air Tube: 2-3/4"
- UL-Recognized

| PART NO.    | DESCRIPTON      |
|-------------|-----------------|
| 8.709-325.0 | Beckett AFG 115 |
| 8.709-326.0 | Beckett AFG 230 |

#### **BURNER CHART - BECKETT**



| BURNER      |                                 |            | MOTOR       |            | BLOWER WHEEL |            | IGNITOR ASSEMBLY |            |
|-------------|---------------------------------|------------|-------------|------------|--------------|------------|------------------|------------|
| PART NO.    | DESCRIPTON                      | BECKET NO. | PART NO.    | BECKET NO. | PART NO.     | BECKET NO. | PART NO.         | BECKET NO. |
| 8.709-326.0 | AFG, 240V 3"                    | VMG202     | 8.750-518.0 | 22825U     | 9.802-649.0  | 2999U      | 8.751-780.0      | 5199701U   |
| 8.709-325.0 | AFG, 120V AC                    | VMG902     | 9.802-642.0 | 21805U     | 9.802-649.0  | 2999U      | 9.802-647.0      | 51771U     |
| 8.709-327.0 | ADC, 13.5V DC<br>- without ICB* | VMG504     | 9.802-638.0 | 52145U     | 9.802-636.0  | 2999AU     | 8.751-784.0      | 5218301U   |
| 8.709-328.0 | ADC, 13.5V DC<br>- with ICB*    | VMG505     | 9.802-638.0 | 52145U     | 9.802-636.0  | 2999AU     | 8.751-784.0      | 5218301U   |
| 8.717-071.0 | SM, 120V                        | H01501     | 8.701-090.0 | 2364U      | 9.803-057.0  | 2383U      | 9.803-060.0      | 51824U     |
| 8.717-090.0 | SM, 240V                        | H01301     | 8.701-093.0 | 21344U     | 9.803-057.0  | 2383U      | 8.751.781.0      | 5199702U   |

<sup>\*</sup>Ignition Control Board

| BURNER      |                                 |            | FUEL PUMP   |            | SOLENOID WI | TH CORD SET | TUNE UP KIT |            |
|-------------|---------------------------------|------------|-------------|------------|-------------|-------------|-------------|------------|
| PART NO.    | DESCRIPTON                      | BECKET NO. | PART NO.    | BECKET NO. | PART NO.    | BECKET NO.  | PART NO.    | BECKET NO. |
| 8.709-326.0 | AFG, 240V AC                    | VMG202     | 9.802-644.0 | 2184403U   | 8.900-082.0 | N/A         | 8.723-715.0 | 578730     |
| 8.709-325.0 | AFG, 120V AC                    | VMG902     | 9.802-645.0 | 2184405U   | 8.900-081.0 | N/A         | 8.723-715.0 | 578730     |
| 8.709-327.0 | ADC, 13.5V DC<br>- without ICB* | VMG504     | 9.802-562.0 | 2184402U   | 8.900-080.0 | N/A         | 8.723-715.0 | 578730     |
| 8.709-328.0 | ADC, 13.5V DC<br>- with ICB*    | VMG505     | 9.802-562.0 | 2184402U   | 8.900-080.0 | N/A         | 8.723-715.0 | 578730     |
| 8.717-071.0 | SM, 120V                        | H01501     | 9.802-645.0 | 2184405U   | 8.900-081.0 | N/A         | 8.723-715.0 | 578730     |
| 8.717-090.0 | SM, 240V                        | H01301     | 9.802-644.0 | 2184403U   | 8.900-082.0 | N/A         | 8.723-715.0 | 578730     |

<sup>\*</sup>Ignition Control Board

## **BURNERS - BECKETT 14V DC**



- 14V, Solid-State Ignition
- 1/6 HP
- 3,450 RPM



- Max Rate 2.5 GPH
- Beckett "CleanCut" Fuel Pump with Oil Valve

| PART NO.    | DESCRIPTION            | OIL VALVE | ELECTRIC EYE | MOTOR RPM |
|-------------|------------------------|-----------|--------------|-----------|
| 8.709-327.0 | Beckett, 13.5V, VMG504 | Yes       | -            | 3450      |
| 8.709-328.0 | Beckett, 13.5V, VMG505 | Yes       | Yes          | 3450      |

Note: Proper operation requires an engine with 16+ Amp alternator and deep-cycle battery on nightly, overnight recharge

## **FLEX COUPLINGS - BECKETT**





| PART NO.    | BECKETT NO. | DESCRIPTION              |
|-------------|-------------|--------------------------|
| 9.802-648.0 | 2454        | A/AF/AFG/NX              |
| 9.803-058.0 | 2433        | 5/16" X 1/2" SR/SF/SM/CF |
| 9.802-637.0 | 2140501U    | 12V DC ADC               |

## **BURNER PARTS - BECKETT - MISC REPAIR**



| PART NO.    | BECKETT NO.        | DESCRIPTION                                       |
|-------------|--------------------|---|
| 9.802-651.0 | 31332              | Mntg Flange Gasket, 323005                        |
| 8.701-059.0 | 578726             | Electrode Insltr Assy,- SDC                       |
| 8.701-063.0 | 5432               | Flange, Adj, with Gasket (All)                    |
| 8.723-912.0 | 5850               | Flange, Split, Adj, with Gasket                   |
| 8.701-070.0 | 31653              | Gasket, Universal Flange (Replaces 3616)          |
| 9.802-653.0 | 31802              | Gasket, Mtg Flange, 4 slot Square (Replaces 3416) |
| 8.701-085.0 | 5717 (51400)       | Knurled Nut Kit ADC                               |
| 8.701-134.0 | 51304              | Gasket Kit, Xfmr Mntg -A/AF/AFG/NX                |
| 8.701-132.0 | 31404              | Clamp, Xfxr Mntg Plate                            |
| 9.802-676.0 | 7006U              | Cad Cell Eye with leads-A/AF/AFG/NX/SR/SF         |
| 8.701-137.0 | 7556A0000U (7556A) | Burner Control, 12V DC                            |
| 8.701-133.0 | 3245               | Spring, Xfmr Contact                              |
| 8.701-106.0 | AF90               | 9" Air Tube Assy without Head, Includes 51400     |
| 8.701-074.0 | 5151501            | Air Band, 8 Slot- A/AF/AFG                        |

## **BURNER PARTS - BECKETT - ELECTRODE / INSULATOR ASSEMBLY**





| PART NO.    | BECKETT NO. | DESCRIPTION  |
|-------------|-------------|--|
| 9.802-668.0 | 5780        | Electrode Insulator Kit:<br>AF/AFG/AR/SF/SR          |
| 8.717-978.0 | 578728      | Electrode Insulator Assembly<br>EA17305H-ADC         |
| 9.802-669.0 | 578711      | Electrode Insulator Assembly<br>EA13602J withContact |
| 9.802-670.0 | 578727      | Electrode Insulator Assembly EA15602J                |
| 8.751-342.0 |             | Electrode Ignition AC/DC                             |

## BURNER CONTROLLER AND CONTRACTOR TOOL - GENISYS™







| PART NO.    | BECKETT NO. | DESCRIPTION             |
|-------------|-------------|-------------------------|
| 8.751-335.0 | 7505A       | Genisys Controller      |
| 8.726-018.0 | 52082U      | Genisys Contractor Tool |

#### **BURNERS - WAYNE**



#### 115V AND 220V WAYNE BURNER

- 75 to 3 GPH Firing Rates
- Solid-State Ignition (Low Amp)
- 3,450 RPM Pump / Blower Motor
- "A"-Type Suntec Fuel Pump

#### **12V WAYNE BURNER CHART**

- 12V Solid-State Ignitor
- 3,450 RPM Fuel Pump

- UL-Recognized
- High-volume 6-1/4" blower on 220V unit, 5-3/16" blower on 110V unit
- 3-3/4" air tube with adjustable flange for maximum versatility
- .5 to 2.75 GPH Capacity with Oil Valve



| PART NO.     | DESCRIPTON                            |
|--------------|---------------------------------------|
| 8.709-317.0  | 115V AC Burner with Oil Valve - EHASR |
| 8.709-318.0  | 230V AC Burner with Oil Valve - EHASR |
| 8.709-319.0* | 12V DC Burner with Oil Valve - MSRDC  |

\*Proper operation requires an engine with 16+ Amp alternator and deep-cycle battery on nightly, overnight recharge

#### **BURNER CHART - WAYNE**



| PART NO.    | DESCRIPTON | IGNITOR                           | TRANSFORMER           | MOTOR  |
|-------------|------------|-----------------------------------|-----------------------|--|
| 8.709-317.0 | Wayne 115V | 8.700-802.0<br>079111             | 8.700-804.0<br>079115 | 8.701-095.0<br>079612  |
| 8.709-318.0 | Wayne 220V | N/A<br>N/A                        | 8.700-809.0<br>079123 | 8.701-094.0<br>079611  |
| 8.709-319.0 | Wayne 12V  | 8.700-807.0<br>079120<br>Includes | N/A<br>N/A            | 8.700-739.0-FASCO<br>079021<br>8.750-715.0-MET to FASCO<br>079021X |

Note: 8.700-721.0 - Coupling for 8.700-740.0 FASCO motor used on MET to FASCO converted burner

8.700-720.0 - Adapter Bushing to allow MET blower wheel to work with FASCO motor

8.700-740.0 - Conversion Kit, use MET to FASCO conversion kit if 12V burner motor cannot be identified.

The kit contains the following parts: 8.700-739.0 Motor, 8.700-720.0 Adapter Bushing, 8.700-682.0 Adapter Plate, 8.700-721.0, Coupling, 8.700-691.0 Screws (2), 8.700-104.0 Nuts

| PART NO.    | DESCRIPTON | BLOWER WHEEL   | FUEL PUMP             | SOLENOID VALVE        | ELECTRODE ASSEMBLY   |
|-------------|------------|--|-----------------------|-----------------------|--|
| 8.709-317.0 | Wayne 115V | 8.700-730.0<br>079005  | 8.700-749.0<br>079030 | 8.700-779.0<br>079062 | 8.700-770.0<br>079052  |
| 8.709-318.0 | Wayne 220V | 8.700-731.0<br>079006  | 8.700-749.0<br>079030 | 8.700-780.0<br>079063 | 8.700-770.0<br>079052  |
| 8.709-319.0 | Wayne 12V  | 8.700-727.0-FASCO<br>079003<br>2.44"W x 2.53" T<br>5/16" Shaft<br>8.700-728.0 (079003A)<br>MET 3.44" W x 4.25" T<br>1/2" Shaft | 8.700-749.0<br>079030 | 8.700-782.0<br>079064 | 8.700-774.0<br>079056<br>with<br>8.700-721.0<br>coupling for converting<br>from MET to FASCO |

Note: 8.700-721.0 - Coupling for 8.700-740.0 FASCO motor used on MET to FASCO converted burner

8.700-720.0 - Adapter Bushing to allow MET blower wheel to work with FASCO motor

8.700-740.0 - Conversion Kit, use MET to FASCO conversion kit if 12V burner motor cannot be identified.

The kit contains the following parts: 8.700-739.0 Motor, 8.700-720.0 Adapter Bushing, 8.700-682.0 Adapter Plate, 8.700-721.0,

Coupling, 8.700-691.0 Screws (2), 8.700-104.0 Nuts

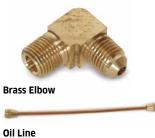
## **BLOWER WHEELS - WAYNE**





| PART NO.    | WAYNE NO.  | WIDTH X OD            | SHAFT SIZE |
|-------------|------------|-----------------------|------------|
| 8.700-730.0 | 20288-SER  | 3.44" X 5.25"         | 1/2"       |
| 8.700-731.0 | 21854-SER  | 4.00" X 6.25"         | 1/2"       |
| 8.700-726.0 | 20673-SER  | 3.12" x 4.25"         | 1/2"       |
| 8.700-727.0 | 101317-SER | 2.44" X 4.53" (FASCO) | 5/16"      |
| 8.700-728.0 | 21427-SER  | 3.44" X 4.25" (MET)   | 1/2"       |

## **BURNER REPAIR PARTS / COMMON - BECKETT & WAYNE**



| PART NO.    | DESCRIPTION                             |
|-------------|---|
| 8.701-054.0 | Oil Line, 6.5", Copper                  |
| 9.802-667.0 | Oil Line, 8", Copper                    |
| 8.701-053.0 | Oil Line, 9.5", Copper                  |
| 8.700-784.0 | Brass 90° Elbow 1/8" Flare, 1/8" MPT    |
| 8.700-785.0 | Brass 90° Elbow 3/16" Flare, 1/8" MPT   |
| 8.700-738.0 | Oil Pressure Gauge 0-200 PSI            |
| 8.700-768.0 | (28737-1) Nozzle Adapter                |
| 8.705-063.0 | Straight Thru Double Nipple 1/8" x 1/8" |
| 8.700-777.0 | Coupler End (J Pump 7/16")              |

## **BURNER REPAIR PARTS - WAYNE**





| PART NO.    | WAYNE NO. | DESCRIPTION  |
|-------------|-----------|--|
| 8.700-774.0 | 31156     | Crown Burner Tune-up Kit                                   |
| 8.700-770.0 | 14733-001 | Electrode Assembly (Pair)                                  |
| 8.700-743.0 | 12945     | Buss Bar - G Shape   |
| 8.700-754.0 | 14344     | Burner Gasket- 4" (E-Series)                               |
| 8.700-692.0 | 12484     | Universal Flange Gasket- 7 3/8" x 4 5/16"                  |
| 8.700-735.0 | 20372     | Burner Housing (E-Series)                                  |
| 8.700-736.0 | 2689-SER  | Adj. Flange Kit with Gasket-Serv                           |
| 8.700-776.0 | 13279     | Shaft Coupler -<br>5/16"(Green) x 1/2" (Gray) - 4.33" long |
| 8.700-733.0 | 13360     | Transformer Clip Screw, 5/16"-15                           |
| 8.700-734.0 | 13038     | Transformer Hold Down Clip                                 |
| 8.700-729.0 | 2668-002  | Outer Air Band (8 Hole)                                    |
| 8.700-732.0 | 2669-002  | Inner Air Band (8 Hole)                                    |
| 8.700-714.0 | 31702-014 | Gun Assy, F/307007   |
| 8.700-680.0 | 21913-SER | Nzl Adaper with Legs MSR / DC                              |

## **BURNER MOTORS**



48M 5.75" Diameter

| PART NO.    | CAPACITOR   | KFW           | ПР  | FLANGE | VULIAGE   | WATRE / DECRETT        |
|-------------|-------------|---------------|-----|--------|-----------|------------------------|
| 9.802-642.0 | Υ           | 3450          | 1/7 | 48M    | 115V      | 20627 / 21805U         |
| 8.750-518.0 | Υ           | 2850 / 3450   | 1/7 | 48M    | 220V      | NA / Beckett PN#22825U |
| 8.700-739.0 |             | 4500          | 1/5 | 48M    | 12V DC    | 21993-005 / N/A        |
| 9.802-638.0 | Kit         | 3450          | 1/6 | 48M    | 13.5V     | N/A / 52145U           |
| 8.701-090.0 |             | 3450          | 1/4 | 48N    | 115V      | N/A / 2364U            |
| 8.701-091.0 |             | 3450          | 1/4 | 48N    | 12V       | N/A / 52146U           |
| 8.701-093.0 | Υ           | 3450          | 1/4 | 48N    | 115/240V  | N/A / 21344            |
| 8.701-094.0 |             | 3450          | 1/5 | 48N    | 240V      | 21328 / 21173U         |
| 8.701-095.0 |             | 3450          | 1/5 | 48N    | 115V      | 20554 / 2900U          |
| 8.700-740.0 | Kit, 12V DC | / MET to FASO | 0   |        |           |                        |
| UNIVERSAL   |             |               |     |        |           |                        |
| 8.700-741.0 |             | 3450          | 1/7 | 48M    | 110-60 Hz |                        |
| 8.700-744.0 |             | 3450          | 1/5 | 48N    | 110/240V  | Capacitor Start        |

HP FLANGE VOLTAGE WAYNE / RECKETT



48N 7.25" Diameter

#### **BURNER TUNE UP KIT - BECKETT**

ΡΔΡΤ ΝΟ

Fits all Beckett Burners with 3" or 3-5/8" air tube.



CAPACITOR RPM



#### **KIT CONTAINS:**

- Four Becket Electrodes
- Two Couplings
- One Fuel Line
- T-Gauge

| PART NO.    | DESCRIPTION                |
|-------------|----------------------------|
| 8.723-715.0 | Beckett Burner Tune-up Kit |

#### **BLOWER WHEELS - BECKETT**





| PART NO.    | DESCRIPTION          | SHAFT SIZE               |
|-------------|----------------------|--------------------------|
| 9.803-057.0 | 6-1/4" D x 3-7/16" W | 1/2",<br>SR/SF/SM        |
| 9.802-649.0 | 4-1/4" D x 2-1/2" W  | 1/2",<br>AFG/ADC         |
| 9.802-636.0 | 4-1/4" D x 2-7/16" W | 1/2" & 5/16",<br>AFG/ADC |

#### **FUEL CONDITIONER AND SOOT REMOVER**

Red Devil eliminates soot build-up.



- Easy to Use just add to burner fuel
- Keeps burner at top efficiency
- 1 oz. Per 10 Gallons

| PART NO.    | DESCRIPTION   |
|-------------|---------------|
| 8.704-625.0 | Pint (16 oz.) |
| 8.704-626.0 | Quart         |

#### **FUEL PUMP - BECKETT CLEANCUT**

Simple design provides faster cleaning, more reliable cut-offs, and cut-ons. Cleaner operation - less soot.

More reliable - fewer moving parts. Reduced motor load in start-up. Higher capacity - 4 GPH at 100 PSI.



- PSI: 100-200
- Factory Set PSI: 100
- Inlet Pressure PSI: 10
- Rated Speed: 3,600 RPM
- Includes built-in solenoid with cord set

| PART NO.    | DESCRIPTION             |
|-------------|-------------------------|
| 9.802-645.0 | 110V                    |
| 9.802-644.0 | 220V                    |
| 9.802-562.0 | 12V                     |
| 9.802-646.0 | Valve Stem Kit (21877U) |

## **SOOT PUMP**

Tool for measuring the soot number in the exhaust of HDS appliances.



| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 6.775-001.0 | Soot pump   |

#### **BURNER IGNITORS - BECKETT**





- Solid-State Technology
- 14,000V Spark

■ 1.7 lbs.

| PART NO.    | BECKETT PART NO | NO MOUNTING  | VOLT   |
|-------------|-----------------|--------------|--------|
| 9.802-647.0 | 51771U          | AFG/Lo Amp   | 120V   |
| 8.751-788.0 | 5218309U        | ADC/ SDC     | 12V DC |
| 8.751-785.0 | 517780          | SDC w/Con BD | 12V DC |
| 9.803-060.0 | 51824U          | SM/SF        | 120V   |
| 8.701-140.0 | 51779U          | SDC w/o CB   | 12V DC |

<sup>\*</sup>Complete with timer

## **FUEL PUMPS & REPLACEMENT PARTS - SUNTEC**





■ Use with Single- or Dual-Line Systems

■ Pressure Adjustment Valve

| PART NO.               | SUNTEC NO.             | GPH                | RPM  | ROTATION |  |  |  |
|------------------------|------------------------|--------------------|------|----------|--|--|--|
| STANDARD PUMPS         |                        |                    |      |          |  |  |  |
|                        | . •                    |                    |      |          |  |  |  |
| 8.700-749.0            | A2VA7116               | 3.0                | 3450 | RH       |  |  |  |
| 8.700-789.0            | A2VD-7119              | 3.0                | 3450 | LH       |  |  |  |
| 8.700-756.0            | A1YA7912               | 7.0                | 1725 | RH       |  |  |  |
| 8.700-757.0            | A2YA7916               | 7.0                | 3450 | RH       |  |  |  |
| 8.700-748.0            | A2RA7710               | 2.5                |      | RH       |  |  |  |
| PUMPS WITH SO          | LENOID                 |                    |      |          |  |  |  |
| 8.754-705.0            | OL35, 12/24V           |                    |      |          |  |  |  |
| 8.754-706.0            | OL35, 120V             | 3.0                |      |          |  |  |  |
| 8.754-707.0            | OL35, 230V             |                    |      |          |  |  |  |
| 8.700-758.0            | A2VA3106-N221R/ 12-24V | 4.0                | 3450 | RH       |  |  |  |
| 8.700-760.0            | A2VA-3106-N721R / 230V | 3.0                | 3450 | RH       |  |  |  |
| PUMP REPLACEMENT PARTS |                        |                    |      |          |  |  |  |
| 8.700-764.0            | 3715732 (A2VA 7116)    | Pump Fuel Screen   |      |          |  |  |  |
| 8.717-878.0            | 3715744 (A2AVA 7916)   | Screen with Gasket |      |          |  |  |  |
| 8.700-765.0            | 3779801 Gasket Cover   | Gasket Cover       |      |          |  |  |  |

## **BURNER TRANSFORMERS - BECKETT**





■ 2.2 AMP @ 120V

- 8.5 lbs.
- Traditional Copper-Wire Wound



| PART NO.      | BECKETT NO. | MOUNTING          | VOLT |
|---------------|-------------|-------------------|------|
| 8.751-780.0*  | 5250001U    | AF/AFG/NX/CF375   | 240V |
| 9.803-060.0*  | 51824U      | A-SF-SR-SM        | 120V |
| 8.751-781.0*  | 5250002U    | SM/SF/CF500/CF800 | 240V |
| *Bottom Mount |             |                   |      |

## **BURNER TRANSFORMERS - ALLANSON**





- 10,000V Spark
- 2.2 AMP @ 120V

| _    | _    | _   |     |
|------|------|-----|-----|
| Fran | nceF | orr | mer |

■ 8.5 lbs.

| PART NO.    | ALLANSON NO. | WAYNE NO. | MOUNTING      | VOLT |
|-------------|--------------|-----------|---------------|------|
| 8.700-804.0 | 2721-620     | 23101/E   | Side / EH-EHA | 120V |
| 8.700-806.0 | 2721-628G    | 23101/M   | Back / M-MSR  | 120V |
| 8.700-809.0 | 2744-620     | 23103/E   | Side / EH-EH  | 230V |
| 8.700-798.0 | 2729-619     | 23103/M   | Back          | 220V |

## **BURNER IGNITOR / BASE PLATES - BECKETT**





| PART NO.    | BECKETT NO. | DESCRIPTION    |
|-------------|-------------|----------------|
| 8.701-116.0 | 51830U      | A, Trans / Ign |
| 8.701-117.0 | 51831U      | S, Trans / Ign |
| 8.701-118.0 | 51833U      | E, Trans / Ign |
| 8.701-119.0 | 51829U      | M, Trans / Ign |

## **BURNER IGNITORS - WAYNE**



- Solid-State Technology
- 14,000V Spark

- Only .35 AMP @ 120V
- 1.7 lbs.



| PART NO.    | WAYNE NO.   | MOUNTING           | VOLT |  |
|-------------|-------------|--------------------|------|--|
| 8.700-810.0 | 23101-FH    | Side, FH-FHA       | 120V |  |
| 8.700-802.0 | 101295-SERE | Side, EH/EHA/EHASR | 120V |  |
| 8.700-803.0 | 101295-SERM | Back, M/MH/MSR     | 120V |  |
| 8.700-801.0 | 31812-002   | Back, M-MSR        | 220V |  |
| 8.700-807.0 | 31812-003   | Bottom, W/M        | 12V  |  |
| 8.700-820.0 | 31813-003   | Side Mount (E)     | 12V  |  |

## **BURNER IGNITORS - ALLANSON**



| PART NO.    | ALLANSON NO. | WAYNE NO. | MOUNTING           | VOLT |
|-------------|--------------|-----------|--------------------|------|
| 8.700-800.0 | 2280-620S    | 31813-002 | Side, E/EH/EHA/EHS | 220V |

#### **FUEL SOLENOID VALVE - 12V DC KIP**



- Brass Body
- 12V DC Coil
- 1/8" NC, FPT, I/O Ports
- Conduit Connector
- 5/64" Orifice = 6 Watt

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.701-120.0 | Fuel Solenoid Valve |

FUEL SOLENOID VALVES / COILS -



## **GAS JETS**



- PSI: 300
- 1/8" FPT Inlet
- Unitized mounting on Suntec fuel pumps
- Uses Standard Suntec Coil



| PART NO.    | DESCRIPTION                          |
|-------------|--------------------------------------|
| 8.700-779.0 | 110V Oil Valve, Non-Delay,<br>R642NL |
| 8.700-780.0 | 220V Oil Valve, Non-Delay,<br>R753NL |
| 8.700-782.0 | 12 Oil Valve, Non-Delay, R261NL      |
| 8.900-081.0 | 110V Coil with Cord Set              |
| 8.900-082.0 | 230V Coil with Cord Set              |
| 8.900-080.0 | 12/24 Coil with Cord Set             |
| 9.802-640.0 | 115V Coil without Cord Set           |
| 9.802-641.0 | 230V Coil without Cord Set           |
| 8.700-794.0 | 12/24V DC Coil without Cord Set      |
| 8.700-795.0 | Cord Set Only                        |
| 8.900-079.0 | 8mm Nut for Old Style Coil           |

| PART NO.       | DRILL SIZE | ORIFICE SIZE  | USE |
|----------------|------------|---------------|-----|
| GAS JETS FOR B | URNER RING | S             |     |
| 8.710-215.0    | #52        | (.0635)       | NG  |
| 8.710-216.0    | #54        | (.055)        | NG  |
| 8.710-217.0    | #62        | (.038)        | LP  |
| 8.717-377.0    | #63        | (.037)        | LP  |
| 8.710-218.0    | #65        | (.035)        | LP  |
| 8.710-219.0    | #66        | (.033)        | LP  |
| 9.802-684.0    | #69        | (.029)        | LP  |
| 8.710-214.0    | Blank (Mus | t Be Drilled) |     |

## **GAS VALVES - HONEYWELL**













9.803-615.0

9.803-616.0

8.718-048.0

9.803-612.0 9.803-613.0

9.803-610.0

| PART NO.        | DESCRIPTION   |
|-----------------|---|
| NATURAL GAS - S | SMALL MILLIVOLT VALVE                                   |
| 9.803-615.0     | Natural Gas Millivolt Valve,<br>3/4" NPT                |
| 9.803-617.0     | NG Pilot for Piezo Ignitor                              |
| 9.803-611.0     | Thermopile/Powerpile with Spade<br>Termimals, 47"       |
| 9.803-614.0     | LP Conversation Kit (NG to LP)                          |
| 8.718-116.0     | NG Conversion Kit (LP to NG)                            |
| NATURAL GAS - S | SMALL ELECTRONIC IGNITION VALVE                         |
| 9.803-616.0     | Natural Gas Electronic Ignition<br>Valve, 24V, 3/4" NPT |
| 9.803-618.0     | LP Converson Kit (NG to LP)                             |
| 8.718-112.0     | NG Conversion Kit (LP to NG)                            |

| PART NO.            | DESCRIPTION  |  |
|---------------------|--|--|
| NATURAL GAS /       | LP - LARGE ELECTRONIC IGNITION VALVE   |  |
| 8.718-050.0         | NG Diaphragm Gas Valve, Single<br>Stage Pressure Regulating, Slow<br>Opening (No LP Conversion Kit)  |  |
| 8.718-048.0         | LP Diaphragm Gas Valve, Single<br>Stage Pressure Regulating. Slow<br>Opening. (No NG Conversion Kit) |  |
| 9.803-612.0         | Pilot Gas Solenoid Valve, 24V,<br>1/4" Small Normally Closed   |  |
| ELECTRONIC ICNITION |  |  |

| ELECTRONIC IGNITION |   |  |  |
|---------------------|---|--|--|
| 9.803-613.0         | Electronic Ignition Controller<br>Back 90 sec TFI |  |  |
| 9.803-610.0         | Pilot, Electronic Ignition                        |  |  |
| 9.803-562.0         | 48" Ignition Cable                                |  |  |
| 8.905-681.0         | 60" Ignition Cable                                |  |  |
| 8.930-332.0         | 69" Ignition Cable                                |  |  |

## **GAS REGULATORS - NATURAL GAS**

■ A.G.A. Design Certified





| PART NO.    | SIZE | VOLTAGE   | MODEL NO.               | BRAND                  |
|-------------|------|-----------|-------------------------|------------------------|
| 9.803-616.0 | 3/4" | 24V       | VR8304M4002B            | Honeywell              |
| 8.710-182.0 | 3/4" | 120V      | 36C03A-410              | White Rogers           |
| 8.717-766.0 | 3/4" | Millivolt | VS820A1088/U            | Honeywell              |
| 8.718-099.0 | 3/4" | 24V       | SV9601M4167/B           | Honeywell              |
| 8.710-174.0 | 1"   | 24V       | 700-059                 | Robert Shaw with Pilot |
| 9.802-674.0 | 1"   | 24V       | 7000 DERHC, 5N2-501-531 | Robert Shaw            |

## **GAS REGULATORS - LP GAS CONVERSION KITS**

■ A.G.A. Design Certified

■ CGA Certified

| PART NO.    | MODEL NO.                       | DESCRIPTION                                       |
|-------------|---------------------------------|---|
| 8.718-111.0 | F0092<br>073700S1<br>(F92-0737) | Fits White Rogers: 36C Series                     |
| 9.803-614.0 | 391937/U                        | Fits: V/VR800 Series, Standard & Delay Models     |
| 9.803-618.0 | 393691/U                        | Fits Honeywell: VR/SV Series                      |
| 8.710-187.0 | 1751-013                        | Fits Robert Shaw: 7000, 7010, 7100, 7200 and 7222 |

## **GAS REGULATORS - LP**



8.717-746.0



9.802-633.0

- High Quality Fischer Regulators
- High and Low Pressure

| PART NO.    | MODEL NO. | DESCRIPTION                                    |
|-------------|-----------|--|
| 8.717-752.0 | LV404B96  | LP,F.POL X 3/4" F.NPT, 525K BTU                |
| 8.717-746.0 | R122HAAJ  | 1st Stage, High Pressure, 1, 180,000 BTU       |
| 8.717-747.0 | R622CFF   | 2nd Stage, Low Pressure- Reducing              |
| 8.717-749.0 | R632CFF   | Integral 2 Stage, 1/4" x 3/4" NPT              |
| 9.802-633.0 |           | LP Assembly, Includes High / Low Pressure Assy |

## **PROPANE GAS HOSE**



| PART NO.    | DESCRIPTION                   |
|-------------|-------------------------------|
| 8.711-853.0 | LP 1/4" x 10' POL x POL       |
| 8.711-856.0 | LP 1/2" x 48", MNPT Both Ends |
| 8.711-854.0 | LP 1/4" x 18" MPOL Both Ends  |
| 8.711-864.0 | LP 3/4" x 16" MNPT Both Ends  |

#### **DRAFT DIVERTERS & RAIN CAPS**



- Prevents backdrafts and keeps cold air out
- Fits on Standard Stove Pipe
- Hot Dipped Galvanized
- Prevents water from running down vent pipes

| PART NO.    | DESCRIPTION                          |
|-------------|--------------------------------------|
| 8.717-764.0 | 8" Oil Fired,<br>Barometric Dampener |
| 8.717-728.0 | 8", Round Gas-Fired                  |
| 9.801-040.0 | 10", Round Gas-Fired                 |
| 8.717-730.0 | 12", Round Gas-Fired                 |
| RAIN CAPS   |                                      |
| 9.105-845.0 | 8", Exhaust Stack, Cap               |
| 8.717-731.0 | 10", Exhaust Stack, Cap              |
| 8.717-732.0 | 12", Exhaust Stack, Cap              |

#### **GAS VALVES - 1" BY ROBERT SHAW**

Universal type for new equipment or replacement.



- Manual Gas Cock
- Auto-Pilot Safety Valve
- Wiring and Hardware Included
- Pilot Gas Filter
- 600,000 BTU LP Gas 720,000 BTU Natural Gas
- 1" Inlet / Outlet

\*Kit is for 8.710-174.0 and includes: gas valve, flame sensor, electrode pilot relight and harness

| PART NO.     | DESCRIPTION                          |
|--------------|--------------------------------------|
| 8.710-179.0  | 24V AC/NG, Standing Pilot            |
| 8.710-174.0  | 24V AC/NG, Electronic Ignition       |
| 8.710-181.0  | 700 MV, Natural Gas                  |
| 8.710-163.0* | 24V Retrofit Kit (NG)<br>720,000 BTU |
| 9.802-677.0  | Ignition. Ctrl. Module- SP-745       |

LP Conversion Kit Below

#### **GAS PILOTS**



| PART NO.    | DESCRIPTION   |
|-------------|---|
| 8.718-100.0 | LP Orifice HS, Q3480C 1437<br>(829858)                |
| 8.718-101.0 | NG Orifice HS<br>Q3480C 1205 (829977)                 |
| 8.718-011.0 | NG Pilot Burner & Ignition with Orifice (Q345A1073/B) |
| 9.802-685.0 | NG Pilot<br>77623, A3-S, 77623 2SH60                  |
| 9.803-610.0 | NG Electronic Ignition Pilot                          |

#### **GAS CONVERSION KITS - LP - ROBERT SHAW**



■ Convert NG to LP

| PART NO.    | DESCRIPTION          |
|-------------|----------------------|
| 8.710-187.0 | 1" LP Conversion Kit |
| 8.710-164.0 | LP Orifice .010      |
| 8.710-164.0 |                      |

#### **POWERED DAMPER**



| PART NO.    | DESCRIPTION                          |
|-------------|--------------------------------------|
| 8.749-806.0 | Powered Damper, 10"                  |
| 8.753-171.0 | Powered Damper, 12"                  |
| 8.755-253.0 | Powered Damper, 8"                   |
| 8.749-807.0 | Wiring Harness for<br>Powered Damper |

## **FUEL NOZZLES - DELAVAN - 45° & 60°**



| PART NO.     | DESCRIPTION          | GPH  |
|--------------|----------------------|------|
| 45° W HOLLOW |                      |      |
| 8.701-013.0  | Delavan Fuel Nozzles | 2.25 |
| 45° A HOLLOW |                      |      |
| 8.717-282.0  | Delavan Fuel Nozzles | 1.00 |
| 8.717-285.0  | Delavan Fuel Nozzles | 1.20 |
| 8.701-001.0  | Delavan Fuel Nozzles | 1.25 |
| 8.701-002.0  | Delavan Fuel Nozzles | 1.35 |
| 8.701-003.0  | Delavan Fuel Nozzles | 1.50 |
| 8.701-004.0  | Delavan Fuel Nozzles | 1.75 |
| 8.701-005.0  | Delavan Fuel Nozzles | 2.00 |
| 8.701-014.0  | Delavan Fuel Nozzles | 2.25 |
| 45° B HOLLOW |                      |      |
| 8.701-009.0  | Delavan Fuel Nozzles | 0.90 |
| 8.701-008.0  | Delavan Fuel Nozzles | 1.25 |
| 8.700-847.0  | Delavan Fuel Nozzles | 1.35 |
| 8.701-010.0  | Delavan Fuel Nozzles | 1.50 |
| 8.701-012.0  | Delavan Fuel Nozzles | 2.25 |
| 60° W        |                      |      |
| 8.740-139.0  | Delavan Fuel Nozzles | 1.25 |
| 8.701-007.0  | Delavan Fuel Nozzles | 1.35 |
| 8.701-015.0  | Delavan Fuel Nozzles | 1.50 |
| 8.701-016.0  | Delavan Fuel Nozzles | 1.65 |
| 8.701-017.0  | Delavan Fuel Nozzles | 1.75 |
| 8.701-018.0  | Delavan Fuel Nozzles | 2.00 |
| 8.701-019.0  | Delavan Fuel Nozzles | 2.25 |
| 60° AR       |                      |      |
| 8.717-286.0  | Delavan Fuel Nozzles | 1.20 |
| 8.717-287.0  | Delavan Fuel Nozzles | 1.50 |

| PART NO.     | DESCRIPTION          | GPH  |
|--------------|----------------------|------|
| 60° A HOLLOW |                      |      |
| 8.700-850.0  | Delavan Fuel Nozzles | 0.50 |
| 8.700-851.0  | Delavan Fuel Nozzles | 0.60 |
| 8.700-852.0  | Delavan Fuel Nozzles | 0.65 |
| 8.700-853.0  | Delavan Fuel Nozzles | 0.85 |
| 8.700-854.0  | Delavan Fuel Nozzles | 0.90 |
| 8.700-855.0  | Delavan Fuel Nozzles | 1.00 |
| 8.700-856.0  | Delavan Fuel Nozzles | 1.10 |
| 8.700-857.0  | Delavan Fuel Nozzles | 1.20 |
| 8.700-858.0  | Delavan Fuel Nozzles | 1.25 |
| 8.700-859.0  | Delavan Fuel Nozzles | 1.35 |
| 8.717-328.0  | Delavan Fuel Nozzles | 1.50 |
| 8.700-861.0  | Delavan Fuel Nozzles | 1.65 |
| 8.700-862.0  | Delavan Fuel Nozzles | 1.75 |
| 8.700-863.0  | Delavan Fuel Nozzles | 2.00 |
| 8.700-864.0  | Delavan Fuel Nozzles | 2.25 |
| 8.700-865.0  | Delavan Fuel Nozzles | 2.50 |
| 8.700-866.0  | Delavan Fuel Nozzles | 2.75 |
| 8.700-867.0  | Delavan Fuel Nozzles | 3.25 |
| 8.700-999.0  | Delavan Fuel Nozzles | 6.00 |
| 60° A SOLID  |                      |      |
| 8.700-868.0  | Delavan Fuel Nozzles | 0.50 |
| 8.700-869.0  | Delavan Fuel Nozzles | 0.60 |
| 8.700-870.0  | Delavan Fuel Nozzles | 0.75 |
| 8.700-871.0  | Delavan Fuel Nozzles | 0.85 |
| 8.700-872.0  | Delavan Fuel Nozzles | 0.90 |
| 8.700-873.0  | Delavan Fuel Nozzles | 1.00 |
| 8.700-874.0  | Delavan Fuel Nozzles | 1.10 |
| 8.700-875.0  | Delavan Fuel Nozzles | 1.20 |
| 8.700-876.0  | Delavan Fuel Nozzles | 1.25 |
| 8.700-877.0  | Delavan Fuel Nozzles | 1.35 |
| 8.700-878.0  | Delavan Fuel Nozzles | 1.50 |
| 8.700-879.0  | Delavan Fuel Nozzles | 1.65 |
| 8.700-880.0  | Delavan Fuel Nozzles | 1.75 |
| 8.700-881.0  | Delavan Fuel Nozzles | 2.25 |
| 8.700-882.0  | Delavan Fuel Nozzles | 2.50 |
| 8.700-883.0  | Delavan Fuel Nozzles | 2.75 |
| 8.700-884.0  | Delavan Fuel Nozzles | 3.50 |
| 8.700-885.0  | Delavan Fuel Nozzles | 4.00 |
| 9.841-677.0  | Delavan Fuel Nozzles | 6.50 |
| 8.700-886.0  | Delavan Fuel Nozzles | 8.00 |

## **FUEL NOZZLES - DELAVAN - 70°**



| PART NO.    | DESCRIPTION          | GPH  |
|-------------|----------------------|------|
| 70° AR-D    |                      |      |
| 8.756-261.0 | Delavan Fuel Nozzles | 1.00 |
| 8.756-262.0 | Delavan Fuel Nozzles | 1.25 |
| 8.756-263.0 | Delavan Fuel Nozzles | 1.50 |
| 8.756-264.0 | Delavan Fuel Nozzles | 1.75 |
| 8.756-265.0 | Delavan Fuel Nozzles | 2.00 |
| 70° AR-DZ   |                      |      |
| 8.755-760.0 | Delavan Fuel Nozzles | 1.25 |
| 8.755-761.0 | Delavan Fuel Nozzles | 1.50 |
| 8.755-762.0 | Delavan Fuel Nozzles | 1.75 |
| 8.755-763.0 | Delavan Fuel Nozzles | 2.00 |
| 70° AZ      |                      |      |
| 8.755-845.0 | Delavan Fuel Nozzles | 1.75 |
| 70° WZ      |                      |      |
| 8.755-766.0 | Delavan Fuel Nozzles | 1.75 |
| 8.755-764.0 | Delavan Fuel Nozzles | 2.00 |
| 8.755-765.0 | Delavan Fuel Nozzles | 2.25 |

| PART NO.     | DESCRIPTION          | GPH  |
|--------------|----------------------|------|
| 70° A HOLLOW |                      |      |
| 8.700-887.0  | Delavan Fuel Nozzles | .50  |
| 8.700-888.0  | Delavan Fuel Nozzles | .75  |
| 8.717-275.0  | Delavan Fuel Nozzles | .85  |
| 8.717-276.0  | Delavan Fuel Nozzles | 1.00 |
| 9.105-583.0  | Delavan Fuel Nozzles | 1.10 |
| 8.717-277.0  | Delavan Fuel Nozzles | 1.20 |
| 8.723-910.0  | Delavan Fuel Nozzles | 1.35 |
| 8.717-278.0  | Delavan Fuel Nozzles | 1.50 |
| 8.700-892.0  | Delavan Fuel Nozzles | 1.75 |
| 9.106-987.0  | Delavan Fuel Nozzles | 2.00 |
| 8.717-280.0  | Delavan Fuel Nozzles | 2.25 |
| 8.700-893.0  | Delavan Fuel Nozzles | 2.50 |
| 8.700-894.0  | Delavan Fuel Nozzles | 3.00 |
| 8.700-895.0  | Delavan Fuel Nozzles | 3.25 |
| 70° B SOLID  |                      |      |
| 8.700-896.0  | Delavan Fuel Nozzles | .75  |
| 8.700-897.0  | Delavan Fuel Nozzles | 1.00 |
| 8.700-898.0  | Delavan Fuel Nozzles | 1.20 |
| 8.700-899.0  | Delavan Fuel Nozzles | 1.25 |
| 8.700-900.0  | Delavan Fuel Nozzles | 1.35 |
| 8.700-901.0  | Delavan Fuel Nozzles | 1.50 |
| 8.700-902.0  | Delavan Fuel Nozzles | 1.65 |
| 8.700-903.0  | Delavan Fuel Nozzles | 1.75 |
| 8.700-904.0  | Delavan Fuel Nozzles | 2.00 |
| 8.700-905.0  | Delavan Fuel Nozzles | 2.25 |
| 8.700-906.0  | Delavan Fuel Nozzles | 2.50 |
| 8.700-907.0  | Delavan Fuel Nozzles | 3.50 |
| 8.700-908.0  | Delavan Fuel Nozzles | 4.00 |
| 8.700-909.0  | Delavan Fuel Nozzles | 5.00 |
| 8.700-910.0  | Delavan Fuel Nozzles | 8.00 |

## **FUEL NOZZLES - DELAVAN - 80°**

| PART NO.     | DESCRIPTION          | GPH    |
|--------------|----------------------|--------|
| 80° W        |                      |        |
| 8.723-697.0  | Delavan Fuel Nozzles |        |
| 8.723-698.0  | Delavan Fuel Nozzles |        |
| 8.701-022.0  | Delavan Fuel Nozzles |        |
| 8.723-699.0  | Delavan Fuel Nozzles |        |
| 8.723-700.0  | Delavan Fuel Nozzles | 5 1.20 |
| 8.701-027.0  | Delavan Fuel Nozzles | 5 1.25 |
| 8.723-701.0  | Delavan Fuel Nozzles | 5 1.35 |
| 8.701-021.0  | Delavan Fuel Nozzles | 5 1.50 |
| 8.701-020.0  | Delavan Fuel Nozzles | 5 1.65 |
| 8.701-023.0  | Delavan Fuel Nozzles | 5 1.75 |
| 8.717-342.0  | Delavan Fuel Nozzles | 5 2.00 |
| 8.701-025.0  | Delavan Fuel Nozzles | 3 2.25 |
| 8.701-026.0  | Delavan Fuel Nozzles | 5 2.50 |
| 8.701-028.0  | Delavan Fuel Nozzles | 5 2.75 |
| 8.701-029.0  | Delavan Fuel Nozzles | 3.00   |
| 8.701-030.0  | Delavan Fuel Nozzles | 3.25   |
| 8.701-031.0  | Delavan Fuel Nozzles | 3.50   |
| 8.701-036.0  | Delavan Fuel Nozzles | 4.00   |
| 80° AZ       |                      |        |
| 8.754-928.0  | Delavan Fuel Nozzles | 5 1.25 |
| 8.754-894.0  | Delavan Fuel Nozzles | 5 1.35 |
| 8.755-198.0  | Delavan Fuel Nozzles | 5 1.50 |
| 8.756-364.0  | Delavan Fuel Nozzles | 5 1.75 |
| 8.755-197.0  | Delavan Fuel Nozzles | 5 2.00 |
| 8.756-330.0  | Delavan Fuel Nozzles | 5 2.25 |
| 80° BZ       |                      |        |
| 8.756-861.0  | Delavan Fuel Nozzles | 5 1.00 |
| 8.756-718.0  | Delavan Fuel Nozzles | 5 1.25 |
| 8.756-723.0  | Delavan Fuel Nozzles | 1.50   |
| 8.756-015.0  | Delavan Fuel Nozzles | 5 1.75 |
| 8.756-699.0  | Delavan Fuel Nozzles | 3 2.00 |
| 8.756-759.0  | Delavan Fuel Nozzles | 5 2.25 |
| 8.756-900.0  | Delavan Fuel Nozzles | 5 2.50 |
| 8.756-491.0  | Delavan Fuel Nozzles |        |
| 8.754-893.0  | Delavan Fuel Nozzles | 3.00   |
| 8.755-048.0  | Delavan Fuel Nozzles | 3.25   |
| 8.755-049.0  | Delavan Fuel Nozzles | 3.50   |
| 8.756-697.0  | Delavan Fuel Nozzles | 4.00   |
| 80° A HOLLOW |                      |        |
| 8.700-911.0  | Delavan Fuel Nozzles |        |
| 8.700-912.0  | Delavan Fuel Nozzles |        |
| 8.700-913.0  | Delavan Fuel Nozzles |        |
| 8.700-914.0  | Delavan Fuel Nozzles |        |
| 8.700-915.0  | Delavan Fuel Nozzles |        |
| 8.717-333.0  | Delavan Fuel Nozzles | 5 .90  |
|              |                      |        |

| PART NO.     | DESCRIPTION              | GPH      |
|--------------|--------------------------|----------|
| 80° A HOLLOW |                          | <b>G</b> |
| 8.700-916.0  | Delavan Fuel Nozzles     | 5 1.00   |
| 8.700-917.0  | Delavan Fuel Nozzles     |          |
| 8.717-323.0  | Delavan Fuel Nozzles     |          |
| 8.700-919.0  | Delavan Fuel Nozzles     |          |
| 9.802-584.0  | Delavan Fuel Nozzles     |          |
| 8.700-921.0  | Delavan Fuel Nozzles     |          |
| 8.700-922.0  | Delavan Fuel Nozzles     |          |
| 8.717-329.0  | Delavan Fuel Nozzles     |          |
| 8.700-924.0  | Delavan Fuel Nozzles     |          |
| 8.717-347.0  | Delavan Fuel Nozzles     |          |
| 8.700-926.0  | Delavan Fuel Nozzles     |          |
| 8.700-927.0  | Delavan Fuel Nozzles     |          |
| 8.700-928.0  | Delavan Fuel Nozzles     |          |
| 8.700-929.0  | Delavan Fuel Nozzles     |          |
| 8.700-930.0  | Delavan Fuel Nozzles     |          |
| 8.717-331.0  | Delavan Fuel Nozzles     |          |
| 80° B SOLID  | Dela val. 1 del 1102210. |          |
| 8.700-931.0  | Delavan Fuel Nozzles     | 5 .50    |
| 8.700-932.0  | Delavan Fuel Nozzles     |          |
| 8.700-933.0  | Delavan Fuel Nozzles     |          |
| 8.700-934.0  | Delavan Fuel Nozzles     |          |
| 8.700-935.0  | Delavan Fuel Nozzles     |          |
| 8.700-936.0  | Delavan Fuel Nozzles     | 5 .90    |
| 8.700-937.0  | Delavan Fuel Nozzles     | 5 1.00   |
| 8.700-938.0  | Delavan Fuel Nozzles     | 5 1.10   |
| 8.700-939.0  | Delavan Fuel Nozzles     | 5 1.20   |
| 8.717-350.0  | Delavan Fuel Nozzles     | 3 1.25   |
| 8.717-358.0  | Delavan Fuel Nozzles     | 5 1.35   |
| 8.717-351.0  | Delavan Fuel Nozzles     | 5 1.50   |
| 8.700-943.0  | Delavan Fuel Nozzles     | 5 1.65   |
| 8.717-352.0  | Delavan Fuel Nozzles     | 5 1.75   |
| 8.717-353.0  | Delavan Fuel Nozzles     | s 2.00   |
| 8.700-946.0  | Delavan Fuel Nozzles     | 5 2.25   |
| 8.700-947.0  | Delavan Fuel Nozzles     | s 2.50   |
| 8.717-330.0  | Delavan Fuel Nozzles     | 5 2.75   |
| 8.717-354.0  | Delavan Fuel Nozzles     | 3.00     |
| 8.700-950.0  | Delavan Fuel Nozzles     | 3.25     |
| 8.700-951.0  | Delavan Fuel Nozzles     | 3.50     |
| 8.700-952.0  | Delavan Fuel Nozzles     | 4.00     |
| 8.717-367.0  | Delavan Fuel Nozzles     | s 4.50   |
| 8.717-357.0  | Delavan Fuel Nozzles     | 5 5.00   |
| 8.700-956.0  | Delavan Fuel Nozzles     | 6.00     |
| 8.700-953.0  | Delavan Fuel Nozzles     | 6.50     |
| 8.700-957.0  | Delavan Fuel Nozzles     | 8.00     |
| 8.700-958.0  | Delavan Fuel Nozzles     | 8.50     |
| 8.700-959.0  | Delavan Fuel Nozzles     | 9.00     |

## **FUEL NOZZLES - DELAVAN - 90°**



| PART NO.     | DESCRIPTION          | GPH  |
|--------------|----------------------|------|
| 90° W        |                      |      |
| 8.701-006.0  | Delavan Fuel Nozzles | 1.00 |
| 8.701-037.0  | Delavan Fuel Nozzles | 1.35 |
| 8.701-038.0  | Delavan Fuel Nozzles | 1.50 |
| 8.701-039.0  | Delavan Fuel Nozzles | 1.65 |
| 8.701-023.0  | Delavan Fuel Nozzles | 1.75 |
| 8.701-032.0  | Delavan Fuel Nozzles | 2.00 |
| 8.701-034.0  | Delavan Fuel Nozzles | 2.25 |
| 8.701-035.0  | Delavan Fuel Nozzles | 2.75 |
| 90° AZ       |                      |      |
| 8.754-890.0  | Delavan Fuel Nozzles | 1.00 |
| 8.754-891.0  | Delavan Fuel Nozzles | 1.50 |
| 8.754-953.0  | Delavan Fuel Nozzles | 1.75 |
| 8.755-053.0  | Delavan Fuel Nozzles | 2.00 |
| 8.755-030.0  | Delavan Fuel Nozzles | 2.25 |
| 8.755-052.0  | Delavan Fuel Nozzles | 2.75 |
| 8.755-051.0  | Delavan Fuel Nozzles | 4.00 |
| 90° BZ       |                      |      |
| 8.754-895.0  | Delavan Fuel Nozzles | 1.25 |
| 8.756-179.0  | Delavan Fuel Nozzles | 1.35 |
| 8.754-916.0  | Delavan Fuel Nozzles | 1.50 |
| 8.754-888.0  | Delavan Fuel Nozzles | 2.00 |
| 8.754-889.0  | Delavan Fuel Nozzles | 2.25 |
| 8.754-986.0  | Delavan Fuel Nozzles | 2.75 |
| 90° A HOLLOW |                      |      |
| 8.700-960.0  | Delavan Fuel Nozzles | .60  |
| 8.700-961.0  | Delavan Fuel Nozzles | .65  |
| 8.700-962.0  | Delavan Fuel Nozzles | .75  |
| 8.723-911.0  | Delavan Fuel Nozzles | .85  |
| 8.700-963.0  | Delavan Fuel Nozzles | .90  |
| 9.802-583.0  | Delavan Fuel Nozzles | 1.00 |
| 8.717-332.0  | Delavan Fuel Nozzles | 1.10 |
| 8.700-966.0  | Delavan Fuel Nozzles | 1.25 |
| 8.700-967.0  | Delavan Fuel Nozzles | 1.35 |
| 9.802-585.0  | Delavan Fuel Nozzles | 1.50 |
| 8.700-969.0  | Delavan Fuel Nozzles | 1.65 |

| PART NO.        | DESCRIPTION          | GPH  |
|-----------------|----------------------|------|
| 90° A HOLLOW (0 | CONTINUED)           |      |
| 8.700-970.0     | Delavan Fuel Nozzles | 1.75 |
| 8.700-971.0     | Delavan Fuel Nozzles | 2.00 |
| 8.700-972.0     | Delavan Fuel Nozzles | 2.25 |
| 8.700-973.0     | Delavan Fuel Nozzles | 2.50 |
| 8.700-974.0     | Delavan Fuel Nozzles | 2.75 |
| 8.700-975.0     | Delavan Fuel Nozzles | 3.00 |
| 8.717-336.0     | Delavan Fuel Nozzles | 3.25 |
| 8.700-977.0     | Delavan Fuel Nozzles | 3.50 |
| 8.700-978.0     | Delavan Fuel Nozzles | 4.00 |
| 8.717-338.0     | Delavan Fuel Nozzles | 4.50 |
| 8.700-979.0     | Delavan Fuel Nozzles | 5.00 |
| 8.700-980.0     | Delavan Fuel Nozzles | 6.00 |
| 90° B SOLID     |                      |      |
| 8.700-981.0     | Delavan Fuel Nozzles | .50  |
| 8.700-982.0     | Delavan Fuel Nozzles | .75  |
| 8.700-983.0     | Delavan Fuel Nozzles | .85  |
| 8.700-984.0     | Delavan Fuel Nozzles | 1.00 |
| 8.700-985.0     | Delavan Fuel Nozzles | 1.10 |
| 9.802-582.0     | Delavan Fuel Nozzles | 1.25 |
| 8.700-987.0     | Delavan Fuel Nozzles | 1.35 |
| 8.700-988.0     | Delavan Fuel Nozzles | 1.50 |
| 8.700-989.0     | Delavan Fuel Nozzles | 1.65 |
| 9.802-575.0     | Delavan Fuel Nozzles | 1.75 |
| 9.802-576.0     | Delavan Fuel Nozzles | 2.00 |
| 9.802-577.0     | Delavan Fuel Nozzles | 2.25 |
| 9.802-586.0     | Delavan Fuel Nozzles | 2.50 |
| 8.700-994.0     | Delavan Fuel Nozzles | 2.75 |
| 8.700-995.0     | Delavan Fuel Nozzles | 3.00 |
| 8.700-996.0     | Delavan Fuel Nozzles | 3.25 |
| 8.700-997.0     | Delavan Fuel Nozzles | 3.50 |
| 8.700-998.0     | Delavan Fuel Nozzles | 4.00 |
| 8.717-374.0     | Delavan Fuel Nozzles | 4.50 |
| 8.701-000.0     | Delavan Fuel Nozzles | 6.00 |

#### **FUEL NOZZLES - CHECK VALVE - "SNAP"**

Spring-loaded "snap" check valve replaces filter element on fuel nozzle. Valve opens when fuel pump pressure reaches 130 PSI and "snaps" shut when fuel pressure drops below 130 PSI. Stops "smokey" burners at start-up and eleminates "shutdown" after burn and reduces soot build-up in coil.

- Reduces nozzle fouling caused by residual fuel in orifice
- Easy field installation in standard fuel nozzles



| PART NO.    | DESCRIPTION            | PSI |
|-------------|------------------------|-----|
| 8.900-083.0 | Snap Fuel Valve        | 100 |
| 8.900-084.0 | Snap Fuel Valve        | 130 |
| 8.700-845.0 | Snap Check Valve, 5/PK | 130 |
| 8.700-844.0 | Snap Check Valve, 5/PK | 100 |

#### **GAS VALVES - LP OR NATURAL**

White **,** Rodgers

Universal-type for building new systems or field replacement. 750 MV, 24V or 120V controls by White-Rogers.

- 335,000 BTU Max
- 3/4" Inlet / Outlet
- All adjustments and wiring connections on top of valve
- Automatic Outlet Pressure Regulator
- A.G.A. Design Certified, C.G.A. Certified



| PART NO.                   | DESCRIPTION  |
|----------------------------|--|
| 8.710-172.0                | Universal, 24V, Includes LP Conv. Kit (1)                            |
| 8.710-182.0                | Universal 120V, Includes LP Conv. Kit (2)                            |
| 8.710-183.0                | Universal, Standing Pilot, 750 MV (1)                                |
| 8.750-110.0                | 3/4" NG to LP Conversion Kit   |
| 8.750-109.0                | 3/4" LP to NG Conversion Kit   |
| WHITE-RODGERS REPAIR PARTS |  |
| 8.710-184.0                | 24V Cycle Pilot Control (347425), 1/4" Spade Terminals, High Voltage |
| 8.710-198.0                | Gas Ignition Electrode with Universal Mounting Bracket & 24" Lead    |

(1) Includes two 3/4" x 1/2" all-thread plated bushings and valve instructions. (2) Includes L.P. Kit, two 3/4" x 1/2" and one 1/2" x 3/8" all-thread plated bushings and all instructions.

#### **GAS VALVE ACCESSORY COMPONENTS**

Use with both 3/4" and 1" models on this page.



8.710-190.0

| PART NO.    | DESCRIPTION                                      |
|-------------|--|
| 8.710-190.0 | 600/750 MV Generator 36" Length                  |
| 8.710-191.0 | Pilot, Universal-Kit with Standard Flame         |
| 8.718-092.0 | Thermocouple, Universal, 24" Length,Cap Tube     |
| 8.710-196.0 | Thermocouple, Universal, 36" Length,Cap Tube     |
| 9.802-686.0 | Thermopile VNG, with Spade Terminals, 47" Length |

### **INSULATION AND RIGID DISC / DONUTS**

Refractory-grade ceramic Kaowool formed; retains heat inside coil for better fuel efficiency and paint protection.



| PART NO.           | DESCRIPTION                    | THICKNESS | WIDTH    | LENGTH |
|--------------------|--------------------------------|-----------|----------|--------|
| "RIGID FORMED      | "RIGID FORMED" DONUT AND DISCS |           |          |        |
| 8.704-807.0        | Donut                          | .88"      | 18" 6"/4 | 4"     |
| 8.704-810.0        | Donut                          | .88"      | 16" 6"/4 | 4"     |
| 8.717-474.0        | Donut                          |           | 24"      |        |
| 8.704-808.0        | Disc                           | 1/2"      | 18"      |        |
| 8.704-809.0        | Disc                           | 1/2"      | 16"      |        |
| 8.717-475.0        | Disc                           |           | 24"      |        |
| INSULATION BLANKET |                                |           |          |        |
| 8.901-288.0        | Coil Wrap                      | 1"        | 24"      | 4'     |
| 8.901-289.0        | Coil Wrap                      | 1"        | 24"      | 5'     |
| 8.704-800.0        | Coil Wrap                      | 1"        | 24"      | 6'     |
| 8.704-802.0        | Full Roll                      | 1/2"      | 24"      | 37.5'  |
| 8.704-805.0        | Full Roll                      | 1"        | 24"      | 25'    |

### FLOW SWITCHES - LEGACY MV60 **& AP500**



■ 3/8" FPT Inlet / Outlet ■ Temperature: 180°F

■ AMP: 3. 12-250V 2 Wire Reed

■ Horizontal & Vertical Mount ■ 62" Cord Length

| PART NO.    | DESCRIPTION                            | PSI   | GPM  |
|-------------|--|-------|------|
| 8.933-006.0 | MV-60, Vertical or<br>Horizontal Mount | 5660  | 10.0 |
| 8.712-244.0 | AP-500, Vertical<br>Mount Only         | 4350  | 8.0  |
| 9.803-266.0 | Reed Switch (AP) (2                    | wire) |      |

#### FLOW SWITCHES - ST-5 & ST-6





ST-5

■ Temperature: 180°F ■ Brass Body

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 9.112-680.0 | ST-5 Gray, Vertical/ Horizontal<br>Mount, 75-5075 PSI Max, 1-7.8<br>GPM, 3/8" FPT Inlet/Outlet, 1<br>A-250 V (47" Wire Length) |
| 8.757-669.0 | ST-5 Black, Vertical Mount, 75-<br>4380 PSI Max, 1-8 GPM, 3/8" FPT<br>Inlet/Outlet, Contact: 1A-250V<br>(48" Wire Length)      |
| 8.757-668.0 | ST-6 Vertical/Horizontal Mount,<br>75-5075 PSI Max, 1-8 GPM,<br>3/8 MPT Inlet/Outlet, 1 A-250 V<br>(47" Wire Length)           |
| 8.757-670.0 | Reed Switch for ST-5 and ST-6<br>New Style   |

#### **FLOW SWITCHES - PHOENIX WITH PILOT**



■ PSI: 18 - 4000

■ GPM: .75 -16.0

■ Temperature: 190°F

■ AMP: 3, 120V

■ 96" Reed Cord

■ Includes 8 mm Pilot

2.5 lbs.

■ Mounting Hole

■ 3/8" F Inlet / Outlet Ports

| PART NO.    | DESCRIPTION       |
|-------------|-------------------|
| 8.712-252.0 | Switch with Pilot |
| 8.712-253.0 | Reed Switch       |

#### FLOW SWITCHES - LEGACY

Spring return float allows full mounting versatility.





■ PSI: 4050

Rated Pressure: 3650

■ GPM: 8.0

■ Temperature: 175°F

Vertical Mount

■ Forged Brass Body

■ 3/8" MPT Inlet / Outlet

■ 1 Amp Switch, 230V, 36" Cord

■ Solenoid Control

| PART NO.    | DESCRIPTION |  |
|-------------|-------------|--|
| 8.712-246.0 | Flow Switch |  |

#### FLOW SWITCHES - ST-7 WITH MICRO SWITCH



■ PSI: 5000

■ GPM: 12.0

■ Temperature: 176°F

■ 3/8" FPT Inlet / Outlet

Micro Switch

■ 10.1 A- 250 V

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 8.755-296.0 | ST-7 Horizontal or Vertical Mount<br>(47" Wire Length) |

#### FLOW SWITCHES - GP - TMT



■ PSI: 5000

■ GPM: 1.5 at PSI: 50

Minimal Pressure Drop up to 12 GPM Flow

■ Temperature: 40° - 180°F

■ AMP: 5, 250V

■ 3/8" F Inlet / Outlet Ports

■ 48" Electrical Lead Length

■ 1.0 lbs.

Can be mounted in any position

■ Activates with 1.5 GPM Flow ■ Micro-Switch technology eliminates reed switch

> ■ No Spring, uses Magnets for all Movements

| PART NO.    | DESCRIPTION        |
|-------------|--------------------|
| 8.712-258.0 | Inline Flow Switch |

#### FLOW SWITCHES - ST-505 STAINLESS-STEEL



- PSI: 75 8700
- GPM: 1.0 8.0
- Temperature: 176°F
- 3/8" FPT Inlet / Outlet
- Stainless-steel
- 3 A, Max/ 250 V Max
- Free floating brass magnet

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.723-665.0 | ST-505 Vertical Mount, 47" Lead |

#### **VAC SWITCHES - BURNER CONTROL**

Normally open (NO) switch closes when pump vacuum begins drawing water and opens when vacuum is broken due to pump shutdown or empty water tank.



- Temperature Max: 140°F
- Heavy-duty, 16 Amp Contacts
- 1/4" FPT Connect

| PART NO.    | DESCRIPTION          |
|-------------|----------------------|
| 8.712-391.0 | 1.5" (HG) Vac Switch |
| 8.712-392.0 | 2.5" (HG) Vac Switch |
| 8.712-393.0 | 4.5" (HG) Vac Switch |

#### **PRESSURE SWITCHES - LEGACY**



Operation without opening switch case:

Blue = Common

CONNECT: Red / Blue = N/C, Blue / Brown = N/O



- PSI: 3600
- Temperature: 200°F
- AMP: 15, 115V or 230V AC
- Stainless-Steel Plunger
- 1/4" and 3/8" MPT Nipple
- 3 Wire, Internally Wired for either N/O or N/C
- 42" Wire Length

| PART NO.    | DESCRIPTION                                      |
|-------------|--|
| 8.712-261.0 | Pressure Switch<br>(Switches @ 360 PSI)          |
| 8.712-262.0 | Pressure Switch 1/4" MPT<br>(Switches @ 580 PSI) |
| 8.751-272.0 | Pressure Switch 3/8"<br>(Switches @ 580 PSI)     |

#### PRESSURE SWITCHES - COMPACT & PS-6 SS

3- & 5-Amp rating provides the switching power to control fuel solenoids just like the large switches.



- Temperature: 194°F
- 1/4" Brass MPT Connect
- 3 Wire Cable for use in either NC or NO application: Blue = Common Brown = No Red = NC

| PART NO.    | DESCRIPTION   |
|-------------|---|
| 8.712-260.0 | Compact Switch- 54" 2 Wire Lead,<br>Normally Open, 5 A- 250 V, 725-<br>3000 Max PSI               |
| 8.712-270.0 | PS-6 Switch- 16 A- 250 V, 47" 3<br>Wire Lead, 4060 PSI MAX, 435<br>Switching Pressure, SS Plunger |

#### **PRESSURE SWITCHES - PR16 - BLACK**





- Rated PSI: 3625 Max PSI: 4060
- Switching Pressure PSI: 580
- Temperature: 195°F
- AMP: 16, 250V
- Brass Stem and Stainless-Steel Nipple
- 8 oz.
- Normally Open
- PART NO. INLET **WIRE LENGTH** 9.802-458.0 1/4" MPT 45" Wire 3/8" MPT 8.716-125.0 65" Wire

#### **PRESSURE SWITCHES - PA - PR1 - RED**





- Rated PSI: 8700 Max PSI: 9570
- Switching Pressure PSI: 640
- Temperature: 195°F ■ AMP: 15, 250V
- 44" Wire Length

Construction

■ 3/8" Male Inlet

■ 10 oz.

| PART NO.    | DESCRIPTION               |
|-------------|---------------------------|
| 8.712-267.0 | PR1 - Red Pressure Switch |
| 8.704-572.0 | Heavy-duty Micro Switch   |

#### **SWITCHES - TOGGLE - PUSH BUTTON**



- 7/16" Mounting Bushing
- 1/2" Diameter Mounting Hole Required
- Mounting Hardware Included
- Non-Illuminated

| PART NO.             | DESCRIPTION  | HP*    | CONNECTS |  |  |
|----------------------|--|--------|----------|--|--|
| 8.712-319.0*         | SPST, 20A/125V<br>-10A/250V AC                         | 1.0    | M/Spade  |  |  |
| 8.712-320.0          | DPST, 20A/125V<br>-10A/250V AC                         |        | M/Spade  |  |  |
| 8.709-705.0*         | DPST, 20A/125V<br>-10A/250V AC                         | 1.5    | Screw    |  |  |
| 8.709-704.0*         | DPST, 20A/250V   | 2.0    | Screw    |  |  |
| 8.709-054.0*         | . <b>709-054.0*</b> SPDT, 20A/125V 3/4 -10A/250V AC    |        | M/Spade  |  |  |
| 8.709-065.0*         | DPDT, 20A/125V<br>-10A/250V AC                         | 3/4    | M/Spade  |  |  |
| 8.716-078.0          | 78.0 SPST, 20A/125V 1.5<br>-10A/250V AC                |        |          |  |  |
| 8.709-706.0          | Y500 - Switch Gu                                       | ard    |          |  |  |
| 8.716-081.0          | Waterproof Switc                                       | h Prot | tector   |  |  |
| PUSH BUTTON SWITCHES |  |        |          |  |  |
| 8.709-053.0          | SPST, 3A/250V-6A<br>AC, Miniature- Pu<br>Button On/Off |        | Screw    |  |  |
| 8.709-064.0          | SPST, 15A/125V /<br>Push Button On/0                   |        | Screw    |  |  |

<sup>\*</sup>Motor Rated

#### SWITCHES - TOGGLE - MOTOR CONTROL



- 20/30 A, 250/600 V DPST
- Rated For: 2, 3, 5 & 7.5 HP, Single Phase
- With or Without Box

| PART NO.    | DESCRIPTION   |
|-------------|---|
| 8.709-696.0 | Switch Only   |
| 8.903-802.0 | Switch & Rain Tight Box<br>with Cover                                   |
| 8.709-708.0 | Switch with NEMA 1 Enclosure:<br>Not Rain Tight<br>(Baldor Replacement) |

#### **SWITCHES - THERMAL - HI-LIMIT - SNAP**



8.712-306.0

- PSI: 4000
- AMP: 15 at 110V, AMP: 10 at 220V
- 1/4" Male Spade Lug Terminals
- Normally Closed
- UL / CSA Rated, Bimetal Switch Componenets
- Heavy-Duty Brass Housing -7000 PSI Collapse Rating
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- Does not turn back on until water has cooled 50° 70°F
- Operates as a safety device to shut off burner to prevent machine (water) overheating flashing to steam

| PART NO.    | PROBE MPT      | TEMP        |
|-------------|----------------|-------------|
| 8.712-301.0 | 3/8" x /1/2"   | 120°F       |
| 8.712-206.0 | 3/8"           | 140°F       |
| 8.753-450.0 | 3/8"           | 160°F       |
| 8.712-306.0 | 3/8" x 1/2"    | 180°F       |
| 8.712-311.0 | 3/8" x 1/2"    | 230°F       |
| 8.712-179.0 | 1/2"           | 180°F       |
| 8.712-308.0 | 1/2"           | 210°F       |
| 8.712-298.0 | 1/2"           | 230°F       |
| 8.712-316.0 | 1/2"           | 330°F       |
| 8.705-351.0 | 1/2" FPT x FPT | PVC Coupler |

# SWITCHES - THERMAL - HI-LIMIT - SNAP WITH LEADS



- AMP: 15 at 110V, AMP: 10 at 220V
- 1/4" Male Spade Lug Terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors
- UL / CSA Rated, Bimetal Switch Componenets
- Does not turn back on until water has cooled 50° - 70°F
- Heavy-Duty Brass Housing -7000 PSI Collapse Rating
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam

| PART NO.    | PROBE MPT | WIRE LEAD         | TEMP  |
|-------------|-----------|-------------------|-------|
| 8.712-185.0 | 1/2"      | 42"               | 225°F |
| 8.712-205.0 | 1/2"      | 42"               | 340°F |
| 8.751-363.0 | 1/2"      | 36"<br>SJO 3 Wire | 180°F |
| 8.712-187.0 | 1/2"      | 42"               | 275°F |

### **CONNECTORS - DP - CUTLER-HAMMER**

#### **Cutler-Hammer**



- Cutler-Hammer Quality
- Type C25 definite purpose contactors feature a compact, efficient design with low-VA coil
- Din Rail Mounting

| PART NO.     | COIL VOLTAGE | FL AMPS | MOTOR HP @<br>115V 1PH | MOTOR HP @<br>230V 1PH | MOTOR HP @<br>230V 3PH | MOTOR HP @<br>460V 3PH | MOTOR HP @<br>575V 3PH |
|--------------|--------------|---------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 8.724-267.0  | 24V          | 15      | .75                    | 2                      | 3                      | 5                      | 5                      |
| 8.724-264.0  | 115V         | 15      | .75                    | 2                      | 3                      | 5                      | 5                      |
| 8.724-265.0  | 230V         | 15      | .75                    | 2                      | 3                      | 5                      | 5                      |
| 8.724-269.0  | 24V          | 25      | 2                      | 3                      | 7.5                    | 10                     | 10                     |
| 8.724-268.0  | 115V         | 25      | 2                      | 3                      | 7.5                    | 10                     | 10                     |
| 8.724-270.0  | 230V         | 25      | 2                      | 3                      | 7.5                    | 10                     | 10                     |
| 8.724-271.0  | 460V         | 25      | 2                      | 3                      | 7.5                    | 10                     | 10                     |
| 8.724-275.0  | 24V          | 30      | 2                      | 5                      | 10                     | 15                     | 15                     |
| 8.724-272.0  | 115V         | 30      | 2                      | 5                      | 10                     | 15                     | 15                     |
| 8.724-273.0  | 230V         | 30      | 2                      | 5                      | 10                     | 15                     | 15                     |
| 8.724-280.0  | 24V          | 40      | 3                      | 7.5                    | 10                     | 20                     | 20                     |
| 8.724-276.0  | 115V         | 40      | 3                      | 7.5                    | 10                     | 20                     | 20                     |
| 8.724-277.0  | 230V         | 40      | 3                      | 7.5                    | 10                     | 20                     | 20                     |
| 8.724-279.0  | 380V         | 40      | 3                      | 7.5                    | 10                     | 20                     | 20                     |
| 8.724-278.0  | 460V         | 40      | 3                      | 7.5                    | 10                     | 20                     | 20                     |
| 8.724-283.0  | 24V          | 50      | 3                      | 10                     | 15                     | 30                     | 30                     |
| 8.724-281.0  | 115V         | 50      | 3                      | 10                     | 15                     | 30                     | 30                     |
| 8.724-282.0  | 230V         | 50      | 3                      | 10                     | 15                     | 30                     | 30                     |
| 8.724-286.0  | 24V          | 60      | 5                      | 10                     | 20                     | 40                     | 40                     |
| 8.724-284.0  | 115V         | 60      | 5                      | 10                     | 20                     | 40                     | 40                     |
| 8.724-285.0  | 230V         | 60      | 5                      | 10                     | 20                     | 40                     | 40                     |
| 8.735-015.0* | 115V         | 65      | 5                      | 15                     | 25                     | 50                     | 60                     |

<sup>\*</sup>includes aux contact block

#### **SWITCHES / CONTACT BLOCKS - PUSH BUTTON - CUTLER-HAMMER**

- Cutler-Hammer Quality
- Heavy-Duty

8.751-910.0

M22S-WKV

■ Water Tight / Oil Tight







**Cutler-Hammer** 

My per construction (C)

8.751-912.0

8.751-916.0 8.751-915.0 8.751-910.0

| PART NO.    | MODEL NO.   | DESCRIPTION  |
|-------------|-------------|--|
| 9.803-666.0 | CH C320KGS3 | Aux Contact-N/O, N/C, 10A, Standard, Side Mounting   |
| 8.751-912.0 | M22-K01     | Contact Block-SPST-NC, 6A, 120V, Screw Terminal  |
| 8.751-913.0 | M22-K10     | Contact Block-SPST-NO for Non-Illum., Push Button, 6A, 500V, Screw Terminal                  |
| 8.751-916.0 | M22S-D-G    | Switch, Green Push Button-SPST-NO, 22mm,Momentary, Flush Button, 6A, 500V, Screw Clamp Term. |
| 8.751-915.0 | M22S-DH-R   | Switch, Red Push Button- SPST-NO/NC, 22mm, Momentary, Extended Button, 6A, 500V              |

Selector Switch Actuator- 22mm, 2 Position, Maintained, Non-Illum, Panel Mount

# OVERLOAD RELAYS FOR CONTRACTORS

#### **Cutler-Hammer**

#### **RELAY SWITCH**



**AMP RANGE** 

0.4 - 0.6

0.6 - 1.0

1.6 - 2.4

2.4 - 4.0

4.0 - 6.0

6.0 -10.0 10.0 - 16.0

16.0 - 24.0

24.0 -32.0

24.0 - 40.0

40.0 - 57.0

- Cutler-Hammer Quality
- Direct Heated Bimetal Elements
- Adjustable Trip Current
- Manual / Automatic Reset

XTOB024CC1DP

XTOB032CC1DP

XT0B040DC1DP

XTOB057DC1DP

| 444.4  |
|--|
|  |
| 20 V 10 10 10 10 10 10 10 10 10 10 10 10 10  |
| STATE OF THE PARTY |

| MODEL #      |
|--------------|
| XTOBP60CC1DP |
| XTOB001CC1DP |
| XTOB2P4CC1DP |
| XTOB004CC1DP |
| XTOB006CC1DP |
| XTOB010CC1DP |
| XTOB016CC1DP |

PART NO. DESCRIPTION

8.716-087.0 DPST-NO, 24V, Screw Terminal, Omron 2000 Series

#### **POWER CORD - MOLDED**

Water Tight

■ Factory Finished Look

| PART NO.    | DESCRIPTION       |  |  |  |  |
|-------------|-------------------|--|--|--|--|
| 8.752-150.0 | 6' 14/3 with Plug |  |  |  |  |

#### **RELAYS**

PART NO.

8.724-297.0

8.724-298.0

8.724-300.0

8.724-301.0

8.724-302.0

8.724-303.0

8.724-312.0

8.724-304.0

8.724-305.0

8.724-306.0 8.724-307.0













9.802-468.0

8.716-230.0

9.802-467.0

9.802-470.0

8.716-264.0

8.716-257.0

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 9.802-468.0 | Compact Relay with Light & Button- 10A, 120V, 4170 Ohms with indicator, DPDT, Socketable Mount RH2B UI AC120 |
| 8.716-209.0 | Relay with Indicator Light- 10A, 24V AC, Midget, 153 Ohms, DPDT, Socketable Mount                            |
| 9.802-467.0 | Relay Socket/Base- 8 Pin, 2 Pole, 10A / 300V, DIN Rail Mount, M3.5 Screw, RH2B Series                        |
| 8.716-230.0 | Relay- 10A/24V AC, Midget, 153 Ohms, DPDT, Socketable Mount, RH2B  |
| 8.716-264.0 | Power Relay-120V, Tab Mount, 30A SPST-NO-DM, 1/4" Terminals for SKHT-1X                                      |
| 8.716-257.0 | Power Relay- 40A / 120V AC, SPDT, PCB/Chassis Mount  |
| 9.802-470.0 | Mini Iso Relay- 40A / 12V, SPDT, for 12V DC Units, 13HP & Below  |
| 9.802-471.0 | Mini Relay- 40A / 24V DC, SPDT, for 12V DC Units over 13HP   |
|             |  |

#### **CAM SWITCHES - ROTARY - SALZER**

- Single or Three Phase
- 2 Position or 3 Position

■ Heavy-Duty



| PART NO.    | DESCRIPTION                         |
|-------------|-------------------------------------|
| 9.802-450.0 | 2-Position 35A-115V/600V, 1-3 Phase |
| 9.802-449.0 | 3-Position 115V / 230V, 1PH, 20 Amp |
| 8.716-027.0 | 3-Position 230V / 460V, 3PH         |
| 8.716-030.0 | Rotary Switch                       |
| 0.710 030.0 | Notally Switch                      |

### **MOTOR CONTACTORS - COILS & THERMAL OVERLOADS**

For pressure washer and car wash applications.

- 24V AC Control
- 10 240V, 30 240V or 480V Contractor
- Componentized for Flexibility
- Thermal overloads adjustable within range shown
- Electrical Life: 1,000,000 + Cycles
- Mechanical Life: 20,000,000 + Clycles
- Contacts: 90% Silver, 10% Cad-Oxide







Contactor

Coil

**Thermal Overload** 

| TYPE   | 24V COIL<br>PART NO. | 120V COIL<br>PART NO. | 230V COIL<br>PART NO. | FL AMP | 220V 10 HF | 220V 30 HF | 440V 30 HP |
|--------|----------------------|-----------------------|-----------------------|--------|------------|------------|------------|
| CONTAC | CTORS UL RATING      |                       |                       |        |            |            |            |
| A      | 8.708-753.0          | 8.902-527.0           | 8.902-532.0           | 22     | 2          | 3          | 5          |
| В      | 8.708-754.0          | 8.902-528.0           | 8.902-533.0           | 24     | 2          | 5          | 7.5        |
| С      | 8.902-523.0          | 8.902-529.0           | 8.902-534.0           | 32     | 3          | 5          | 10         |
| D      | 8.902-524.0          | 8.902-530.0           | -                     | 40     | 5          | 7.5        | 15         |
| E      | 8.902-526.0          | 8.902-531.0           | 8.902-536.0           | 52     | 7.5        | 10         | 20         |

| PART NO.    | VOLTAGE | FITS CONTACTOR |
|-------------|---------|----------------|
| COILS ONLY  |         |                |
| 8.708-764.0 | 24v     | A,B,C,D        |
| 8.708-765.0 | 480v    | A,B,C,D        |
| 8.708-767.0 | 220v    | E              |

| PART NO.    | TYPE   | AMP RANGE | FITS CONTACTOR |
|-------------|--------|-----------|----------------|
| THERMAL OVE |        |           |                |
| 8.708-749.0 | Manual | 9.0 - 15  | A,B,C,D        |
| 8.708-760.0 | Manual | 17 - 26   | A,B,C,D        |
| 8.708-742.0 | Manual | 20 - 33   | C,D            |
| 8.708-744.0 | Manual | 28 -42    | C,D            |
| 8.708-750.0 | Auto   | 9.0 - 15  | A,B,C,D        |
| 8.708-759.0 | Auto   | 14 - 23   | A,B,C,D        |
| 8.708-743.0 | Auto   | 20 - 33   | C,D            |
| 8.708-747.0 | Auto   | 35 - 50   | E,F            |

■ Used to Mount Overload to Motor Starter Contactors

| PART NO.     |                                | FITS CONTACTOR |  |
|--------------|--------------------------------|----------------|--|
| RELAY CONNEC | TOR KIT                        |                |  |
| 8.708-768.0  | Relay Connector Kit 260265-268 | A,B,C,D        |  |

#### **TRANSFORMERS - STEP-DOWN**

■ Industrial Duty



8.716-899.0

■ High-Quality Cutler-Hammer



9.802-553.0

 Drops primary voltage to selected secondary voltage



8.716-904.0

| PART NO.    | PRIMARY V      | SECONDARY V | SIZE    |
|-------------|----------------|-------------|---------|
| 8.716-899.0 | 380V/400V/415V | 110/220V    | .750KvA |
| 9.802-553.0 | 120V/240V      | 24V         | .050KvA |
| 8.716-904.0 | 120V/240V      | 24V         | .100KvA |
| 8.716-883.0 | 208V/230V/460V | 24V/115V    | .050KvA |
| 9.804-556.0 | 208V/277V      | 120V        | .050KvA |
| 8.716-882.0 | 208V/277V      | 120V        | .075KvA |
| 9.803-971.0 | 380V           | 24V         | .050KvA |
| 9.802-550.0 | 240V/480V      | 120V/240V   | .500KvA |
| 9.802-552.0 | 240V/480V      | 120V        | .075KvA |
| 9.802-551.0 | 240V/480V      | 120V        | .050KvA |
| 9.803-668.0 | 550V/575V/600V | 115V        | .050KVA |

### **MOTOR STARTER WITH SEALED BOX - MANUAL**

- AMP: 25 with Adjustable Overload
- Adjustment Range AMPS: 20-25
- Sealed Box: 3-1/4" W x 3-1/2" D x 6-1/2" H
- 110-500V IEC-Rated

- Two-Cord Grip Fit 1/2" Threaded Knockouts
- Protective Cover Over Buttons
- Single and 3-Phase Wiring Instructions



| PART NO.    | DESCRIPTION   |
|-------------|---------------|
| 8.709-709.0 | Motor Starter |

#### **JUNCTION BOXES**

















8.716-321.0



9.802-475.0



8.716-280.0, 8.716-281.0, 8.716-272.0

9.802-477.0

8.716-320.0

8.716-322.0

8.716-326.0

| PART NO.    | DESCRIPTION  |
|-------------|--|
| 9.802-474.0 | VNG Remote, Plastic  |
| 8.716-269.0 | 12" x 12" x 4", Metal VNG Remote Box                         |
| 8.716-271.0 | Fiberglass, NEMA1 for PE Units                               |
| 8.716-272.0 | 12" x 10" x 5.25" for Solid Sep                              |
| 9.802-475.0 | 8" x 8" x 4", Box, Plastic with Lid for SEA 3-1100           |
| 9.802-476.0 | 10" x 8" x 6", Box, Plastic with Lid for SEA                 |
| 9.802-477.0 | Box, Plastic without Lid E9081                               |
| 9.802-478.0 | Lid, Plastic for 9.802-477.0                                 |
| 8.716-280.0 | 18" x 16" x 9.25", Plastic for CLP, WB                       |
| 8.716-281.0 | 14" x 16" x 6.75", Plastic for HBG, AMC                      |
| 8.716-320.0 | Cover, Duplex Receptacle for Alpha                           |
| 8.716-321.0 | 2" x 4", 3-Hole, 1/2" WB, for CLP                            |
| 8.716-322.0 | 2" x 4", Extension for 8.716-321.0, 8.716-323.0, 8.716-324.0 |
| 8.716-323.0 | 2" x 4", 5-Hole, 1/2" for CLP                                |
| 8.716-324.0 | 2" x 4", 4-Hole, 1/2" for CLP                                |
| 8.716-326.0 | 4" x 4", 3-Hole, SK Series for Alpha / PK                    |
| 8.716-327.0 | 4" x 4", 5-Hole, 1/2" for WB                                 |
| 8.716-329.0 | 4" x 4" SK, Cover Plate for WB for 6-00041                   |
| 9.802-483.0 | 2" x 4", Cover Plate for 8.716-321.0                         |
| 9.802-484.0 | 2" x 4", Junction 3-Hole, 3/4"                               |
| 8.716-339.0 | 2" x 4", 3-Hole, 1" for ENG                                  |

### **SWITCH BOX - RAINTITE**

- UL 728A
- Box: 2-3/4" x 5-1/2" x 2"
- Three 1/2" Tapped Holes

- Box includes two plugs, ground screw and mounting lugs
- Cover Includes Gasket



| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.709-702.0 | RainTite Switch Box |

#### **TIMER**

■ Preset and Adjustable Available ■ 24-240V ■ Heavy-Duty



| PART NO.    | DESCRIPTION   |
|-------------|---|
| 9.802-472.0 | Solid State, 5-60 Min, 15 Sec with Lockout for Auto Start |

#### **CIRCUIT BREAKERS**

■ Provides protection against excessive Amp draw



| PART NO.    | DESCRIPTION              |
|-------------|--------------------------|
| 9.802-485.0 | 25 Amp (All 12V Systems) |

#### **FUSES**

■ Full range of fuses

■ Protect your equipment









| PART NO.    | CODE       | MAX V | AMPS |
|-------------|------------|-------|------|
| 9.802-463.0 | FNM1/2     | 250V  | 0.5  |
| 9.802-464.0 | FNM8/10    | 250V  | 0.8  |
| 8.716-173.0 | FNM1       | 250V  | 1.0  |
| 9.803-977.0 | FNM2-1/2   | 250V  | 2.5  |
| 8.716-187.0 | FNM3       | 250V  | 3.0  |
| 9.803-664.0 | FNM5       | 250V  | 5.0  |
| 8.716-194.0 | FNM7       |       | 7.0  |
|             |            | 250V  |      |
| 9.802-460.0 | FNM8       | 250V  | 8.0  |
| 8.716-165.0 | FNM10      | 250V  | 10.0 |
| 8.716-191.0 | FNQ3/10    | 500V  | 0.3  |
| 8.716-192.0 | FNQ6/10    | 500V  | 0.6  |
| 9.802-465.0 | FNQ-R-3    | 600V  | 3.0  |
| 8.716-169.0 | KTK-R1/4   | 600V  | 0.25 |
| 9.802-462.0 | KTK-R1/2   | 480V  | 0.5  |
| 8.933-007.0 | KTK-R1     | 240V  | 1.0  |
| 8.716-177.0 | KTK-R1-1/2 | 600V  | 1.5  |
| 9.803-663.0 | KTK-R2     | 120V  | 2.0  |
| 8.716-179.0 | KTK-R2-1/2 | 600V  | 2.5  |
| 8.716-180.0 | KTK-R4     | 600V  | 4.0  |
| 9.804-050.0 | KTK-R5     | 600V  | 5.0  |
| 8.716-183.0 | KTK-R30    | 600V  | 30.0 |
| 8.716-170.0 | MDL1/2     | 120V  | 0.5  |
| 8.716-175.0 | MDL3/4     | 250V  | 0.75 |
| 8.716-172.0 | MDL1       | 250V  | 1.0  |
| 8.716-174.0 | MDL2-1/2   | 24V   | 2.5  |
| 8.716-186.0 | MDL3       | 250V  | 3.0  |
| 8.716-188.0 | MDL5       | 250V  | 5.0  |
| 8.716-161.0 | MDL7-1/2   | 250V  | 7.5  |
|             |            |       |      |

#### **CAM SWITCHES - 3-POSITION - MACHINE CONTROL**

- Heavy-Duty Rotary Cam Switches
- Legend plate reads off / pump / burner
- Quick make / break action reduces arcing

- Wiring Boot Included (Except 410242-3)
- Legend Plate, 2/1/2" Square
- 4-Screw Mounting



| PART NO.      | MODEL                | AMP RATING       | VOLTAGE        | PHASE              |
|---------------|----------------------|------------------|----------------|--------------------|
| 8.712-219.0*  | S220-1686            | 20               | 110V           | 1                  |
| 8.712-224.0*  | S220-1687            | 20               | 220V           | 1                  |
| 8.712-225.0*  | S220-1688            | 20               | 220V           | 3                  |
| 8.712-227.0*  | S225-1686            | 30               | 110V           | 1                  |
| 8.712-228.0*  | S225-1687            | 30               | 220V           | 1                  |
| 8.712-229.0*  | S225-1688            | 30               | 220V           | 3                  |
| 8.712-234.0   | S432-4095            | 40               | 240V           | 1                  |
| 8.712-235.0   | S432-1402            | 40               | 480V           | 3                  |
| SINGLE-HOLE M | OUNTING - REQUIRES   | 1 22MM (7/8" DIA | ) HOLE         |                    |
| 8.712-218.0   | 220-1789             | 20               | 110V           | 1                  |
| *REPLACEMENT  | KNOB - FITS THOSE PA | ART NUMBERS AB   | OVE MARKED WIT | TH AN ASTERISK (*) |
| 8.700-258.0   | Replacement Knob     |                  |                |                    |

#### **CAM SWITCHES WITH & WITHOUT BOX**

Cam action fast "make-break" to reduce arcing.

- 40 60 Amp disconnect rating
- Four 1/2" Knock-Outs
- Versatile Mounting

Motor Ratings:7.5 HP at 240V, Single Phase5.0 HP at 240V, 3 Phase30.0 HP at 480V, 3 Phase



| PART NO.    | DESCRIPTION   |
|-------------|---|
| 8.712-217.0 | 40 Amp Switch with Large Box 4-1/2" W x 7" H x 3-3/4" D   |
| 8.712-211.0 | 60A/600V, 4P, Salzer Switch Only, No Knob   |
| 8.712-212.0 | Box Only 3-7/8" x 4-7/8" x 2-3/4" for 8.712-211.0, 60A Salzer Switch Using 10 Gage / Smaller Wire |
| 8.700-489.0 | Knob  |

Note: Switch does not have thermal overload protection

#### **CAM SWITCHES - 3-POSITION -SALZAR "BIG BOOT"**

Large rectangular boot for easier wiring.



■ Mounting configuration and electrical ratings same as "S" switches

| PART NO.  | MODEL     | AMP RATING | VOLTAGE | PHASE |  |
|---|-----------|------------|---------|-------|--|
| 8.712-238.0   | T225-1686 | 30         | 110V    | 1Ø    |  |
| 8.712-241.0   | T225-1688 | 30         | 240V    | 3Ø    |  |
| SINGLE-HOLE MOUNTING - REQUIRES ONE 22 MM (7/8" DIA) HOLE |           |            |         |       |  |
| 8.712-223.0   | 220-1843  | 20         | 220V    | 10    |  |

#### **CAM SWITCHES - 3-POSITION - "ELEKTRA" UNIVERSAL**

UL/CSA-rated machine control cam switches.

- Position "off" "pump burner"
- Quick make / break action reduces arcing
- 2 or 4 Screw Mount (2-1/2" Square Legend Plate)
- Matches Salzer / Kraus, Naimer / Bremas & Klockner, Moeller Mounts



8.712-236.0



8.712-237.0

- "Boot" has plenty of wiring room
- "Tite Boot" excellent dust and moisure seal
- Screw-to-screw, terminal-to-terminal replacement for Salzer "S" and "J" type switches above
- Contacts UL / CSA Rated: 24 Amp vs 20 Amp, 35 Amp vs 30 Amp, 50 Amp vs 40 Amp



| PART NO.    | AMP RATING | WIRING POLES | VOLTAGE     | PHASE | HP RATING |
|-------------|------------|--------------|-------------|-------|-----------|
| 8.712-236.0 | 25         | 1            | 120V        | 1     | 1.5       |
| 8.712-237.0 | 25         | 2            | 120V / 240V | 1     | 1.5 / 2.0 |
| 8.712-240.0 | 35         | 2            | 120V / 240V | 1     | 2.0 / 3.0 |
| 8.712-242.0 | 50         | 2            | 120V / 240V | 1     | 3.0 / 7.5 |

Note: None of the Elektra switches are for use on 3-phase motors without adding fuses or thermal overlaod

### CAM SWITCHES - ON / OFF WITH BOX - "ELEKTRA"

UL/CSA-rated 25 and 35 Amp. Compact 3-1/4" square x 3-3/4" deep enclosure "versatile mount."



| PART NO.    | AMP RATING | WIRING POLES | VOLTAGE     | PHASE | HP RATING |
|-------------|------------|--------------|-------------|-------|-----------|
| 8.712-214.0 | 25         | 2            | 120V / 240V | 1     | 1.5 / 2.0 |
| 8.712-216.0 | 35         | 2            | 120V / 240V | 1     | 2.0 / 3.0 |

Note: None of the Elektra switches are for use on 3-phase motors without adding fuses or thermal overlaod

#### **ROCKER SWITCHES**

2500 Watt, 120V, 21.6 Amp at 3,600 RPM

- On / Off, 2 & 3 Position
- Lighted Available



9.802-453.0



8.716-051.0





9.802-451.0

■ 125V / 250V / 24V

9.802-452.0

| PART NO.    | DESCRIPTION                     | AMP     | VOLTAGE           |
|-------------|---------------------------------|---------|-------------------|
| 9.802-453.0 | Curvette, SPST, 2-Pos, Carling  | 16 / 10 | 120V / 250V       |
| 8.716-051.0 | Curvette, DPST, 2-Pos, Carling  | 20 / 15 | 125V / 250V       |
| 9.802-451.0 | Carling, Green Light, 2-Pos     | 15 / 10 | 125V / 250V       |
| 9.802-452.0 | Green Lamp, Red Actuator, 3-Pos | 15 / 10 | 125V / 250V       |
| 8.716-037.0 | Rocker Switch                   | 15 / 10 | 125V / 250V / 24V |

#### **GENERATOR - WINCO- AC- TB2400**

2400 Watt, 120 VT, 3600 RPM, 20 Amps.



- 13.3" L x 7.6" W x 8.1" H
- 33 lbs.
- Starts and Runs 1/2 HP Motor



- 7/8" diameter shaft
- Conforms to UL1004-1, UL1004-4 and CSA 22.2
   No. 100-24

| PART NO.    | DESCRIPTION      |  |
|-------------|------------------|--|
| 8.757-639.0 | TB2400 Generator |  |

### THERMOSTAT - PROBE STYLE

With panel-mount controls



- PSI: 4000
- Temperature change response within + 12°F
- Accuracy + 2.5%
- 120VAC-20A
- 240VAC-20A
- 120/240VAC-1/4HP
- Large, Easy-Read Dial
- 3-1/2" SS
   Capillary Copper Immersion bulb with 60" capillary tube. UL/CSA

   Approved
- Seal, nut and 1/2" transition coupling included

| PART NO.    | DESCRIPTION |  |
|-------------|-------------|--|
| 8.758-149.0 | 86-302 Deg  |  |
| 8.758-180.0 | 86-195 Deg  |  |
| 8.758-181.0 | 86-250 Deg  |  |

#### THERMOSTAT - ADJUSTABLE - FLOW-THRU





■ Tension Adjusting Screw

■ Ceramic Insulation

Stainless-Steel Case

■ Silver Contacts

8.700-501.0

Stop Collar

#### 8.904-555.0

- PSI: 3000
- Adjustable Temperature: 85° 195°F
- AMP: 10, 110V
- AMP: 5, 220V
- 1/2" Inlet, 3/8" Outlet
- Fenwall Inside

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.904-555.0 | Thermostat  |
| 8.700-501.0 | Switch Only |

#### **GENERATOR - VOLTMASTER**

2500 Watt, 120V, 21.6 Amp at 3.600 RPM



- 36.5 lbs.
- Brushless Design
- Circuit breaker protection (standard)
- 7/8" Shaft, Two Sealed (Ball) Bearings
- Shaft rotates either direction
- Industrial-Type Watertight Enclosure (11-5/8" x 7-1/2" Diameter)
- All Copper Windings, High Surge Capacity

| PART NO.    | DESCRIPTION         |
|-------------|---------------------|
| 8.709-810.0 | 2500 Watt Generator |

#### **DIGITAL POWER MONITOR**

Provides accurate testing and monitoring of electrical outlets and systems.



- Operating Temp: +32°F to +125°F
- Outlet: 120V/15A Single Phase
- Voltage Range: 85 150 Vac RMS
- Constantly monitors voltage and frequency indicated potential improper polarity and ground wiring
- Accurate testing and monitoring of all AC power sources
- RMS Voltage and Frequency Meter
- Multi-tone Fault Alarm
- Hands-Free Auto Reset
- Advanced Microelectronics
- One-Button Operation

| PART NO.    | DESCRIPTION     |
|-------------|-----------------|
| 8.749-947.0 | Digital Monitor |

#### **CAM SWITCHES - 2-POSITION**



- Legend Plate: On / Off
- Tear-Drop-Shaped Knob
- Face Plate 2-1/2" Square
- Motor Ratings: 410202 - 1-1/2 HP / 110V 410204 - 6 HP / 240V

| PART NO.    | DESCRIPTION   |
|-------------|---------------|
| 8.712-213.0 | 25 Amp / 110V |
| 8.712-215.0 | 30 Amp / 220V |

#### **INDICATOR LIGHTS**



8.716-408.0 9.802-456.0

- Easy Mounts to Control Panel
- Available in 12V, 24V and 125V
- Great for remote applications

| PART NO.    | VOLTAGE | COLOR |
|-------------|---------|-------|
| 8.716-095.0 | 125V    | Red   |
| 9.802-455.0 | 125V    | Green |
| 8.716-408.0 | 125V    | Amber |
| 9.803-651.0 | 28V     | Red   |
| 9.803-652.0 | 28V     | Green |
| 8.716-097.0 | 12V     | Red   |
| 9.802-456.0 | 12V     | Green |

#### **BREAKER SWITCHES**



| PART NO.    | DESCRIPTION        | PHASE |
|-------------|--------------------|-------|
| 8.716-067.0 | 7.5 HP, 230V, 1400 | 1PH   |
| 8.716-068.0 | 7.5 HP, 230V, 1400 | 3PH   |
| 8.716-069.0 | 7.5 HP, 460V, 1400 | 3PH   |
| 8.716-073.0 | 10A / 460V, 900    | 3PH   |
| 8.716-074.0 | 12A / 480V         | 3PH   |
| 8.716-075.0 | 15A / 18.8V, 800   | 3PH   |
| 8.716-076.0 | 20A / 277V, 900    | 3PH   |
| 8.716-070.0 | 25A / 250V, 2255   | 3PH   |
| 8.716-077.0 | 30A / 277V, 900    | 1PH   |
| 8.716-066.0 | 40A / 230V, 1070   | 1PH   |

# WIRE LOOMS - USED FOR WIRING HARNESSES



- Protects wires from abrasion and crushing
- Controls bundles of wires and allows for multiple exits at wiring points
- "Factory-perfect" look for all machines

| PART NO.    | DESCRIPTION       |
|-------------|-------------------|
| 8.709-679.0 | 1/4" ID 100' Roll |
| 8.709-680.0 | 3/8" ID 100' Roll |
| 8.709-681.0 | 1/2" ID 100' Roll |
| 8.709-682.0 | 5/8" ID 100' Roll |

#### **GFCI MODULE**

Not recommended for field service.



- AMP: 20 at 120V or 240V, 60 Hz
- Using 120V or 240V shop attachable module; attach your power cord length as required
- Use with 16-12 gauge SJ, SJO or SJT, 3-wire cords

| PART NO.    | DESCRIPTION | PHASE |
|-------------|-------------|-------|
| 8.709-858.0 | GFCI Module | 1PH   |

#### **TAPE - VINYL ELECTRICAL**



- Premium Grade, 7 mil
- UL-Approved

| PART NO.    | DESCRIPTION     |
|-------------|-----------------|
| 3.704-706.0 | Roll 3/4" x 60' |

#### **CONNECTOR CLAMPS - ROMEX (METAL)**



| <b>8.709-663.0</b> 1 | 1/2" Strt. Connector |
|----------------------|----------------------|
| <b>8.709-664.0</b> 3 | 3/4" Strt. Connector |
| <b>8.709-660.0</b> 1 | 1/2" Lock Nut Only   |
| <b>8.709-661.0</b> 3 | 3/4" Lock Nut Only   |

#### **CORD CAPS & PLUGS**







8.709-656.0



8.709-659.0

8.709-653.0

8.709-655.0

- Industrial-Quality
- Dead front cord caps nylon body straight plugs and "auto-clamp" for cord

 8.709-659.0 angle plug has vinyl body and both 30A and 50A neutral leg

| PART NO.    | DESCRIPTION    | MATERIAL    |
|-------------|----------------|-------------|
| 8.709-653.0 | 15A / 125V     | Black Nylon |
| 8.709-655.0 | 20A / 125V     | Black Nylon |
| 8.709-656.0 | 20A / 220V     | Black Nylon |
| 8.753-905.0 | 30A-50A / 250V | Black Vinyl |

#### **CONNECTOR / STRAIN RELIEFS - LIQUID TIGHT - FOR CABLE, WIRE & TUBING**

Keep water-tight NEMA-4 and 4x enclosures water-tight with these unique fittings.

#### **DOME NUT WITH INSIDE TAPER**

 As the dome nut is tightened, the seal ring grips, holding the cable wire or tubing positively in place.

#### **LEAD-SCREW THREAD**

The dome nut can be firmly tightened due to the high strength lead-screw thread.

#### **CLAMPING SPLINES**

 Various sizes and odd-shaped cables, wires and tubing can be accommodated due to overlapping diagonally split clamping splines



| PART NO.    | TYPE | THREAD   | CORD SIZE | CORD OD   | LENGTH |
|-------------|------|----------|-----------|-----------|--------|
| 9.802-514.0 | Dome | 1/2" NPT | 14/3-12/3 | .230"470" | 1.8"   |
| 8.709-688.0 | Dome | 3/4" NPT | 14/3-12/3 | .350"630" | 2.0"   |
| 8.709-689.0 | Dome | 3/4" NPT | 12/3-10/4 | .510"710" | 2.0"   |
| 8.709-690.0 | Flex | 1/2" NPT | 14/3-12/3 | .230"470" | 4.3"   |
| 8.709-692.0 | Flex | 3/4" NPT | 12/3-10/4 | .51"71"   | 5.2"   |



| PART NO.       | THREAD   |
|----------------|----------|
| PLASTIC JAM NU | JTS      |
| 9.802-525.0    | 1/2" NPT |
| 9.802-526.0    | 3/4" NPT |

#### **GFCI - WITH AND WITHOUT PLUGS & CORDS**

GFCIs protect people and equipment by interrrupting potentially lethal ground circuits exceeding 6mA. The dangers of electrical shocks have been long known - GFCIs are the only real way to be safe. Most city and county codes now require GFCI protection on power cleaning equipment.

- UL-Listed
- Three Wire Circuits
- Transient Voltage Protection
- 4-6mA Ground Fault Protection
- Grounded Neutral Protection

- Mechanical Trip Indicator
- Compact Size
- Rugged Construction
- Radio Frequency Interference Suppression



Integrated GFI & Plug



| PART NO.          | VOLTAGE | AMP | LENGTH | INTEGRATED |
|-------------------|---------|-----|--------|------------|
| GFCI CORD WITHOU  | T PLUG  |     |        |            |
| 8.709-842.0       | 120V    | 20A | 12'    | N/A        |
| 8.709-860.0       | 240V    | 30A | 6'     | N/A        |
| 8.709-861.0       | 240V    | 30A | 12'    | N/A        |
| 8.709-862.0       | 240V    | 30A | 35'    | N/A        |
| 9.802-434.0       | 240V    | 40A | 36'    | N/A        |
| GFCI CORD WITH PL | UG      |     |        |            |
| 8.709-850.0*      | 120V    | 15A | 12'    | Combo      |
| 9.802-432.0*      | 120V    | 15A | 36'    | Combo      |
| 8.709-843.0       | 120V    | 20A | 37'    | Separated  |
| 9.802-431.0*      | 120V    | 20A | 36'    | Combo      |
| 9.802-433.0       | 240V    | 20A | 36'    | Separated  |
| 8.709-853.0       | 240V    | 30A | 6'     | Separated  |
| 8.709-854.0       | 240V    | 30A | 12'    | Separated  |
| 8.709-855.0       | 240V    | 30A | 35'    | Separated  |
| 9.802-430.0       | 240V    | 30A | 36'    | Separated  |
| GFCI PLUG WITHOU  | T CORD  |     |        |            |
| 8.709-847.0       | 120V    | 15A | N/A    | N/A        |
| 8.709-846.0       | 120V    | 20A | N/A    | N/A        |

Note: User-attached plug also includes the sealant necessary to attach the power cord per UL specification \* Integrated GFI & Plug

#### **MOLDED PLASTIC FLOAT TANKS**



- Molded Polypropylene
- 7 Liter Size: 13" x 5" x 6"
- 1 Gallon Size: 10" x 5" x 8"
- No Holes for Max Flexibility
- 1-Gallon Tank has Tight Fitting Lid (included)

■ 7-Liter Snap-on Tank Lid (sold separately)

| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.710-026.0 | 7-Liter Tank Only      |
| 8.710-027.0 | 7-Liter Tank Lid       |
| 8.710-028.0 | 1-Gallon Tank with Lid |

#### STAINLESS-STEEL FLOAT TANK



- Fully Welded and Water Tight
- 2.8 Gallon Capacity
- 12" x 9" x 6"
- 16 Gauge #303 Stainless-Steel
- 1/2" Full Coupling, Stainless-Steel Inlet / Outlet
- Convenient Mounting Tabs

| PART NO.    | DESCRIPTION                |
|-------------|----------------------------|
| 8.710-029.0 | Stainless-Steel Float Tank |
| 8.710-034.0 | Stainless-Steel Lid        |

## FRAMES, DIRECT DRIVE



- Heavy-duty Aluminium, More Corrosion-resistant than Steel
- 10" Flat-free Tire for Better Reliability
- Integrated Nozzle Holders

| PART NO.    | DESCRIPTION                              |
|-------------|--|
| 8.924-399.0 | Aluminium Frame, DD CW                   |
| 8.924-400.0 | Aluminium Frame,<br>270 and 390 AL DD CW |

#### REPLACEMENT FUEL CAP

■ Fits 9 Gallon Diesel Fuel Tank (8.710-142.0)

■ Fits Fuel Tanks (8.751-294.0, 8.751-296.0, 8.751-293.0)

| PART NO.    | DESCRIPTION                            |
|-------------|--|
| 8.751-449.0 | Replacement Fuel Cap<br>for Fuel Tanks |

#### **FUEL TANK, 9-GALLON DIESEL**



- Strap or Bolt Mount (4 / 5/ 16" Inserts in Bottom)
- Metal Inset 3/8" Inlet / Return Lines
- Black, Crosslinked PE
- Vented Fuel Cap
- Filler Neck Doesn't Extend Beyond Tank Wall
- Compact Size: 19-3/4"L x 12"W x 10-1/2"H

| PART NO.                | DESCRIPTION                  |
|-------------------------|------------------------------|
| 8.710-142.0             | 9-Gallon Fuel Tank - Plastic |
| Note: Includes Fuel Cap |                              |

#### **FUEL TANKS**



#### 8.751-293.0

- EPA / CARB-Compliant
- Seamless One-piece Construction of Marine Grade, UV-protected Polyethylene
- 90° Fuel Withdrawal Fitting



#### 8.751-294.0

- Two-stage Click when Closed Fuel Cap
- Built-in Reserve (when gauge reads "empty", tilt to access additional fuel)
- Easy-to-read Sight Gauge

| PART NO.    | SIZE   | DIMENSIONS (LxWxH)        |
|-------------|--------|---------------------------|
| 8.751-294.0 | 6-gal  | 21.18" x 13.5" x 10"      |
| 8.751-296.0 | 12-gal | 20.375" x 13.75" x 14.75" |
| 8.751-293.0 | 12-gal | 24.25" x 18" x 11"        |

#### **RUBBER PARTS**







9.802-066.0



8.706-557.0



9.802-067.0



9.802-069.0

| PART NO.    | DESCRIPTION                                  |
|-------------|--|
| 9.802-064.0 | Grommet, Nozzle Holder                       |
| 8.706-557.0 | Bellows, Leg Boot                            |
| 9.802-067.0 | Bumper Pad, Engine                           |
| 9.802-069.0 | Handle Grip                                  |
| 8.706-745.0 | Plug, Hole Plastic                           |
| 9.803-046.0 | Mount, Rubber Vibration                      |
| 8.706-553.0 | Mount, Rubber Vibration 60 Duro              |
| 8.706-524.0 | Mount, Rubber Vibration<br>1-3/8" Dia x 3/4" |
| 9.802-066.0 | Pad, Soft Rubber                             |

#### **FUEL CAPS**



- For Gas or Diesel Fuel Tanks
- Fits Standard 2-1/4" Fuel Necks

| PART NO.    | DESCRIPTION             |
|-------------|-------------------------|
| 8.701-700.0 | Fuel Cap with Gauge 10" |

# BATTERY BOXES WITH COVER, MARINE STVI F

Protect batteries on presssure washers, boats or other industrial equipment.



- Attractive Molded Polypropylene
- Complete with hold-down cleats and strap for cover
- Small: 8-1/2"L x 6"W x 8-1/2"H
- Large: 11-1/4"L x 7-3/4"W x 10-3/4"H

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.706-652.0 | Small Box   |
| 8.706-600.0 | Large Box   |

#### **FLAT-FREE TIRES**

Flat-free tires provide the bounce and load handling characteristics similar to an air filled tire - with the benefit of never going flat. Flat-free tires are lighweight, non-marking and come mounted on a heavy-duty steel rim with shielded ball bearings. Not for highway use.



- Heavy-Duty Steel Rim
- Non-Marking
- 4" Steel Rim: Max Load 300 lbs.
- 12" Steel Rim: Max Load 375 lbs.
- Accepts .63" Shaft

| PART NO.    | DESCRIPTION                                  |
|-------------|--|
| 8.711-898.0 | Wheel and Tire Assembly,<br>4" Steel Rim     |
| 8.758-460.0 | Wheel and PU Tire Assembly,<br>12" Steel Rim |

### **PLASTIC DIP TUBE ASSEMBLY**



- Rubber bushing seal (order separately)
- New Style Plastic Dip Tubes

| PART NO.    | DESCRIPTION                               |
|-------------|---|
| 8.706-494.0 | Plastic Dip Tube Assembly,<br>7.5" Long   |
| 8.706-495.0 | Plastic Dip Tube Assembly,<br>12" Long    |
| 8.706-496.0 | Plastic Dip Tube Assembly,<br>17.75" Long |
| 9.802-053.0 | Rubber Bushing, Fuel Line                 |

### **COMPLETE WHEELS**







8.711-901.0

8.754-186.0

8.712-762.0

■ High-Quality Pneumatic and Semi Pneumatic

■ Fits 5/8" Shaft

| PART NO.       | DESCRIPTON                                |
|----------------|---|
| 8.711-901.0    | 10" Mag                                   |
| 8.754-186.0    | 10" Steel Rim with Tube                   |
| 8.712-762.0    | 10" White Steel Rim,<br>3/4" Hub Tubeless |
| 8.711-905.0    | 6" Steel Rim Foam Filled                  |
| 8.711-921.0    | 6" Tube Only                              |
| 8.712-767.0    | 10" Tube Only                             |
| 9.802-274.0    | 10" x 2-3/4" Hard Rubber Wheel            |
| 8.711-908.0    | 3" Gray Caster Wheel                      |
| INTERCHANGEAE  | BLE BEARINGS                              |
| 8.700-484.0    | 5/8" Bore Bearing                         |
| 8.700-486.0    | 3/4" Bore Bearing                         |
| 8.700-485.0    | 5/8" Nylon Bearing                        |
| HUB CAPS AND C | COLLARS                                   |
| 8.700-183.0    | 3/4" Hub Cap                              |
| 8.700-184.0    | 5/8" Hub Cap                              |
| 9.802-782.0    | 5/8" Bore Shaft Collar                    |







8.700-486.0

8.700-485.0

#### **MISCELLANEOUS PARTS**







8.719-064.0

9.802-066.0

8.932-992.0

| PART NO.    | DESCRIPTON                       |
|-------------|----------------------------------|
| 8.719-064.0 | Chassis Knob 5/16" Thread, Black |
| 9.802-066.0 | Soft Rubber Foot Pad             |
| 8.932-992.0 | Vibration Isolator 3/8"          |

### **PUMP - AIR-OPERATED -FLOJET**

- Twin Diaphragm, Self-priming
- Dry Air (or CO2) PSI: 20-120 Automatic, On-Demand
- GPM: 7.0

PART NO.

8.702-321.0

8.702-322.0

8.702-323.0

8.702-324.0

- Max Liquid Temperature: 120°F
- Santoprene Elestomers
- Self-Priming up to 15 Feet
- Air (Gas) In & Out, 1/4" Barb

DESCRIPTON

■ Choice of 3/8" or 1/2"

Barb Fuild In/Out

Start & Stop

■ Common Use:

■ Flow Control via

Air (Gas) Pressure

Chemical transfer and

dispensing parts, washers and car wash systems

### FLOJET



8.712-585.0



8.712-586.0

#### **AIR-FILTER / REGULATORS**

- PSI: 125
- 1/4" Ports
- Pressure-Relieving
- Removes air line inpurities to 5 microns
- Maintains and gauges pressure to, and therefore discharges pressure from, air-driven diaphragm pumps

| PART NO.    | DESCRIPTON          |
|-------------|---------------------|
| 8.712-585.0 | Regulator Only      |
| 8.712-586.0 | Filter / Regulator  |
| 8.712-587.0 | Gauge, 0-1 60, 1/8" |

#### **BRUSHES - FOAM & ACCESSORIES**



#### **FOAM BRUSH**

■ 3" x 10" super soft flagged bristle fountain brush. Choose from black, red or blue.

# PUMPS - AIR-DRIVEN - FLOJET FLOJET

3/8" Pump, Santoprene

1/2" Pump, Santoprene

3/8" Pump, Viton

1/2" Pump, Viton

Twin diaphragm, self-priming.



- Dry Air (or CO2) PSI: 20-80
- GPM: 1.9
- Max Liquid Temperature: 120°F
- Use Santoprene for Soaps, Use Viton for Butyls
- Chemical In & Out, 3/8" Barb
- Air (Gas) In & Out, 1/4" Barb
- Automatic, On-demand Start & Stop
- Santoprene/Viton Elestomers: Control Flow and Pressure with Air Pressure

| PART NO.    | DESCRIPTON           |
|-------------|----------------------|
| 8.702-320.0 | Pump, Santoprene     |
| 8.702-319.0 | Pump, Viton          |
| 8 700-388 0 | Valve Kit Santonrene |



#### **FOAM BRUSH LANCE**

■ 40" long with 30" insulated grip, 3/8" FPT inlet, 1/2" MPT outlet (matches brush inlet). Colors: red, blue or black.

#### **BRUSH HOSES**

■ Clear, spiral wire braid, 1/2" ID with 3/8" MPT, zinc-plated steel fittings both ends.

| PART NO.    | DESCRIPTON             |
|-------------|------------------------|
| 8.710-115.0 | Foam Brush Head, Black |
| 8.710-117.0 | Foam Brush Head, Red   |
| 8.710-116.0 | Foam Brush Head, Blue  |
| 8.710-119.0 | Foam Hose, 15'         |
| 8.710-121.0 | Lance 40", Red         |
| 8.710-122.0 | Lance 40", Black       |
| 8.710-123.0 | Lance 40", Blue        |

### **CAR WASH BOOMS, "REFLEX"**

The performance leader!



- PSI: 3000
- 5' 6" Car Wash Model
- 8' Truck Wash Model



- Stainless-Steel Boom Arm
- 3/8" FPT Inlet / Oulet Hose (Included)

| PART NO.            | DESCRIPTON                             |  |
|---------------------|--|--|
| BOOMS               |  |  |
| 8.903-620.0         | 180° Wall Mount 5' 6" Boom             |  |
| 8.903-621.0         | 360° Ceiling Mount 5' 6" Boom          |  |
| 8.903-624.0         | 180° Wall Mount 10' Boom               |  |
| 8.903-625.0         | 360° Ceiling Mount 10' Boom            |  |
| 8.903-626.0         | 180° Wall Mount 8' Boom                |  |
| 8.903-627.0         | 360° Ceiling Mount 8' Boom             |  |
| PARTS / ACCESSORIES |  |  |
| 8.903-622.0         | 5.5' Rod / Hose, Assy Only             |  |
| 8.903-623.0         | 8' Rod / Hose, Assy Only               |  |
| 8.903-628.0         | 10' Rod / Hose, Assy Only              |  |
| 8.903-630.0         | Ceiling Mount, Base Only               |  |
| 8.903-632.0         | Wall Mount, Base Only                  |  |
| 8.700-265.0         | Set Screw for Angle Block              |  |
| 8.905-605.0         | 90° End Coupler C/W Boom               |  |
| 8.905-604.0         | 8' Coupler Stainless-steel<br>C/W Boom |  |
| 8.712-450.0         | Swivel - Brass 3/8"                    |  |
| 8.700-263.0         | Swivel Repair Kit (Pre-1998)           |  |
| 8.700-287.0         | Swivel Repair Kit (1998-Present)       |  |

# WASH BAY ACCESSORIES - STAINLESS-STEEL

Foam brush broom holder, wand holders, mat clamps.







| PART NO.    | DESCRIPTON                    |
|-------------|-------------------------------|
| 8.708-880.0 | Standard Foam Brush Holder    |
| 8.708-881.0 | Rigid Wall Mount Wand Holder  |
| 8.708-882.0 | Flex Bottom Mount Wand Holder |
| 8.708-883.0 | Mat Clamp                     |

#### **LOCKS FOR METER BOXES**



| PART NO.    | DESCRIPTON       |
|-------------|------------------|
| 8.708-730.0 | Tubular Cam Lock |

#### **SWITCH - ROTARY - 8-POSITION**

Metal car wash switch.



- Double Stack 8-Position
- Metal
- Much more durable than cheaper plastic switches
- Direct replacement for Electroswitch 31302A-S and NU32LA
- Make before break functions

| PART NO.    | DESCRIPTON               |
|-------------|--------------------------|
| 8.708-729.0 | 8-Position Rotary Switch |

#### **TRANSFORMERS**





| PART NO.    | DESCRIPTON                          |
|-------------|-------------------------------------|
| 8.708-780.0 | 115-24V AC: 600 MIL/AMP             |
| 8.708-781.0 | 115/208/230-24V AC:<br>100V A Fused |
| 8.708-783.0 | 120/208/240-24V AC: 50V A           |
| 8.708-784.0 | 120/208/240-24V A Not Fused         |

### **FUSES**



| PART NO.    | DESCRIPTON             |
|-------------|------------------------|
| 8.708-786.0 | Transformer Fuse 5 AMP |

#### **SWIVELS - MEDIUM-PRESSURE - CAR WASH**



- PSI: 1000
- 7/16" Flow-Thru Opening
- All-Brass Body
- Bronze-Thrust Bearing
- Buna Seals (Non-Repairable)
- 1/2" FPT x 1/2" MPT

| PART NO.    | DESCRIPTON |
|-------------|------------|
| 8.705-057.0 | Swivel     |

#### **SWIVELS - LOW-PRESSURE - CAR WASH**



- Swivel Action PSI: 300
- Brass MPT
- Zinc-Chromate Steel FPT

| PART NO.    | DESCRIPTON          |
|-------------|---------------------|
| 8.705-054.0 | 1/4" FPT x 1/4" MPT |
| 8.705-056.0 | 3/8" FPT x 3/8" MPT |
| 8.705-055.0 | 1/2" FPT x 1/2" MPT |

#### **LANCES - FLEX**



- PSI: 2500
- Temperature: 200°F
- Flexes 180° and returns
- Prevents bent lances and broken hoses
- Industrial-grade polyurethane flex section
- Perfect for self-serve car wash bays
- 1/4" galvanized pipe end sections

| PART NO.    | LENGT | H DESCRIPTON             |
|-------------|-------|--------------------------|
| 8.710-600.0 | 18"   | 1/4"MPT x 1/8"FPT, Black |
| 8.710-601.0 | 18"   | 1/4"MPT x 1/8"FPT, Blue  |
| 8.710-603.0 | 21"   | 1/4"MPT x 1/8"FPT, Red   |
| 8.710-604.0 | 24"   | 1/4"MPT x 1/8"FPT, Red   |
| 8.710-598.0 | 18"   | 1/4"MPT x 1/4"MPT, Red   |

#### **VACUUM ACCESSORIES**

May slip directly on to hose. Use with swivel cuffs for better results.



#### Vacuum Claw Nozzle

| PART NO.    | COLOR  |
|-------------|--------|
| 1-1/2"      |        |
| 8.708-892.0 | Yellow |
| 8.708-891.0 | Black  |
| 8.708-890.0 | Gray   |
| 2"          |        |
| 8.708-894.0 | Yellow |



#### Adapter

| PART NO.    | DESCRIPTION           |
|-------------|-----------------------|
| 8.708-900.0 | 2" Hose x 1-1/2" Wand |
| 8.708-904.0 | 2" Hose x 2" Wand     |



#### Cuffs, Hose to Tank

| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.708-903.0 | 1-1/2" x 1-1/2"        |
| 8.708-904.0 | 2" x 2"                |
| 8.708-905.0 | 1-1/2" x 1-1/2" Swivel |

#### Vacuum Hose

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 8.697-112.0 | 50' Blue Vac hose 1-1/2" Swivel |
| 8.697-117.0 | 50' Blue Vac hose, 2" Swivel    |

#### **TRIGGER GUN - RB65 WASH GUN**



Low-pressure spray gun with straight jet and adjustable cone from the trigger with adjustable screws to alter cone angle wideness from  $0^{\circ}$  to  $60^{\circ}$ .



- PSI: 350
- GPM: 16.0
- Temperature: 195°F
- Completely Sealed
- Ergonomic
- Adjustable Jet Cone
- Trigger Protection
- Brass Body

| PART NO.    | DESCRIPTON                              |
|-------------|---|
| 8.710-449.0 | PA RB65 with Swivel                     |
| 8.710-448.0 | PA RB65 No Swivel                       |
| 9.114-478.0 | PA RB65 Stainless Steel w/ Swivel (RED) |
| 8.751-896.0 | RB 65 Trigger Gun Seal Kit- KIT 2       |

## **VACUUM MOTORS - A+ / AP**









8.625-841.0

8.620-204.0

8.625-842.0

| PART NO.                        | DESCRIPTON   |  |  |  |
|---------------------------------|--|--|--|--|
| TWO FAN STAGE                   | S, BYPASS MOTORS   |  |  |  |
| 8.625-841.0                     | 5.7" Diameter, 120V Double Ball<br>Bearing, Peripheral Discharge           |  |  |  |
| 8.620-204.0                     | Vault System Vac Motor:<br>120V Double Ball Bearings,<br>Tangent Discharge |  |  |  |
| THREE FAN STAGES, BYPASS MOTORS |  |  |  |  |
| 8.625-842.0                     | 5.7" Diameter, 120V Double Ball<br>Bearings, Tangent Discharge             |  |  |  |

### **VACUUM MOTORS - AMETEK-LAMB**







8.685-502.0

8.685-442.0

8.685-458.0

| PART NO.                        | DESCRIPTON   |  |  |  |  |
|---------------------------------|--|--|--|--|--|
| TWO FAN STAGE                   | TWO FAN STAGES, BYPASS MOTORS  |  |  |  |  |
| 8.685-502.0                     | 5.7" Diameter, 120V Double Ball<br>Bearing, Peripheral Discharge           |  |  |  |  |
| 8.685-442.0                     | Vault System Vac Motor:<br>120V Double Ball Bearings,<br>Tangent Discharge |  |  |  |  |
| THREE FAN STAGES, BYPASS MOTORS |  |  |  |  |  |
| 8.685-458.0                     | 5.7" Diameter, 120V Double Ball<br>Bearings, Tangent Discharge             |  |  |  |  |

# **HOSES - CONNECTOR / CAR WASH BAY,** 12'-25'

All car wash bay hoses come with solid male pipe on both ends.



| PART NO.         | LENGTH | PSI  |
|------------------|--------|------|
| 3/8" BLACK - 1 W | /IRE   |      |
| 8.918-333.0      | 12'    | 4000 |
| 8.918-334.0      | 13'    | 4000 |
| 8.918-338.0      | 15'    | 4000 |
| 8.918-340.0      | 16'    | 4000 |
| 8.918-342.0      | 17'    | 4000 |
| 8.918-344.0      | 18'    | 4000 |
| 8.918-348.0      | 20'    | 4000 |
| 3/8" BLUE - 1 WI | RE     |      |
| 8.918-360.0      | 12'    | 3000 |
| 8.918-362.0      | 13'    | 3000 |
| 8.918-366.0      | 15'    | 3000 |
| 8.919-124.0      | 16'    | 3000 |
| 8.918-369.0      | 17'    | 3000 |
| 8.918-371.0      | 18'    | 3000 |
| 8.918-373.0      | 19'    | 3000 |
| 8.918-375.0      | 20'    | 3000 |
| 8.918-385.0      | 25'    | 3000 |
| 1/4"BLUE - 1 WII | RE     |      |
| 8.918-387.0      | 12'    | 3000 |
| 8.918-389.0      | 13'    | 3000 |
| 8.918-391.0      | 14'    | 3000 |
| 8.918-393.0      | 15'    | 3000 |
| 8.918-395.0      | 16'    | 3000 |
| 8.918-397.0      | 17'    | 3000 |
| 8.918-399.0      | 18'    | 3000 |
| 8.918-401.0      | 19'    | 3000 |
| 8.918-403.0      | 20'    | 3000 |
| 8.918-409.0      | 23'    | 3000 |
| 8.918-411.0      | 24'    | 3000 |
| 8.918-413.0      | 25'    | 3000 |

#### **SOLENOID VALVES - CFA - SS & BRASS**



Air

■ Professional Car Washes

■ Light Oil

■ Chemicals

- Low Pressure Steam
- Other Industrial Applications

# WATER SOLENOID VALVES 2-WAY, NORMALLY CLOSED.



The S211 Series Standard Water Valves have reliable piloted diaphragm construction with proven performance over decades of use. Featuring stainless-steel seats, the S211 Series typically requires 4 or 5 PSI pressure differential to open. The S201 Series Zero Differential Valves are constructed with the

same materials, but are capable of operating with the same amount of pressure on both sides of the valve. Both valve types are often utilized in the car wash industry.

# CHEMICAL SOLENOID VALVES, 2-WAY, NORMALLY CLOSED.



For decades, car wash industry professionals have chosen the rugged S301 and S311 Series Valves because of their compact size and long life. Available in 1/8", 1/4" and 3/8" NPT designs, these valves are used in air, water and chemical applications.

# HIGH-PRESSURE SOLENOID VALVES 2-WAY, NORMALLY CLOSED.



The S401 High-Pressure Valves are compact, dependable and specifically designed by ITT to meet car wash applications up to 1400 PSI. Best Buy.

# SOLENOID VALVES FOR CAR WASH ANTI-FREEZE APPLICATIONS, NORMALLY OPEN

These valves provide long life and reliable performance in the "make or break" anti-freeze systems of car washes. The S202 and S212 Series Diaphragm Valves feature non-wicking, fabric-reinforced diaphragms, which eliminates premature diaphragm failures, as well as stainless-steel upper seats, which prevents seat deterioration often associated with brass-seated valves. The S202 Series Diaphragm Valve incorporates the zero-operating pressure design discussed above; the S212 Series is a piloted diaphragm, and the S402 Series is piloted piston valve.

### **SOLENOID VALVES - CFA - SS & BRASS**



| BODY                        | SEALS            | MODE                         | TYPE                          |                            |
|-----------------------------|------------------|------------------------------|-------------------------------|----------------------------|
| <b>BR</b> = Brass           | <b>B</b> = Buna  | <b>N/O</b> = Normally Open   | <b>DA</b> = Direct Acting     | <b>PP</b> = Piloted Piston |
| <b>SS</b> = Stainless-Steel | <b>V</b> = Viton | <b>N/C</b> = Normally Closed | <b>PD</b> = Piloted Diaphragm |                            |

| PART NO.    | GC PART NO. | PORT F-NPT / BODY | ORIFICE | OPER PSI | SEALS | MODE | TYPE / AC VOLTS | DEMA EQUIV |
|-------------|-------------|-------------------|---------|----------|-------|------|-----------------|------------|
| 8.708-806.0 | S201-CG4    | 3/8" / BR         | .312"   | 150      | В     | N/C  | PD / 110        | A413P-110  |
| 8.708-807.0 | S201-DG4    | 1/2" / BR         | .438"   | 150      | В     | N/C  | PD / 24         | A414P-24   |
| 8.708-808.0 | S201-DG4    | 1/2" / BR         | .438"   | 150      | В     | N/C  | PD / 110        | A414P-110  |
| 8.708-821.0 | S211-CG4    | 3/8" / BR         | .625"   | 150      | В     | N/C  | PD / 110        | 473P-110   |
| 8.708-822.0 | S211-DG4    | 1/2" / BR         | .625"   | 150      | В     | N/C  | PD / 24         | 474P-24    |
| 8.708-823.0 | S211-DG4    | 1/2" / BR         | .625"   | 150      | В     | N/C  | PD / 110        | 474P-110   |
| 8.708-824.0 | S211-EG5    | 3/4" / BR         | .750"   | 150      | В     | N/C  | PD / 24         | 476P-24    |
| 8.708-825.0 | S211-EG5    | 3/4" / BR         | .750"   | 150      | В     | N/C  | PD / 110        | 476P-110   |
| 8.708-826.0 | S211-FG9    | 1" / BR           | 1.00"   | 150      | В     | N/C  | PD / 24         | -          |
| 8.708-827.0 | S211-FG9    | 1" / BR           | 1.00"   | 150      | В     | N/C  | PD / 110        | -          |
| 8.708-829.0 | S301-BD7    | 1/4" / BR         | .109"   | 150      | В     | N/C  | DA / 24         | 401P-24    |
| 8.708-830.0 | S301-BD7    | 1/4" / BR         | .109"   | 150      | В     | N/C  | DA / 110        | 401P-110   |
| 8.708-816.0 | S202-DG4    | 1/2" / BR         | .438"   | 150      | В     | N/O  | PD / 24         | 0A414P-24  |
| 8.708-831.0 | S301-BD7    | 1/4" / SS         | .125"   | 150      | V     | N/C  | DA / 24         | 424-2-24   |
| 8.708-832.0 | S301-BD7    | 1/4" / SS         | .125"   | 150      | V     | N/C  | DA / 110        | 424-2-110  |
| 8.708-833.0 | S401-Z      | 3/8" / SS         | .350"   | 1200     | V     | N/C  | PP / 24         | 453P-24    |
| 8.708-834.0 | S401-Z      | 3/8" / SS         | .350"   | 1200     | V     | N/C  | PP / 110        | 453P-110   |
| 8.708-835.0 | S401-Z      | 1/2" / SS         | .500"   | 1200     | V     | N/C  | PP / 24         | 454P-24    |
| 8.708-836.0 | S401-Z      | 1/2" / SS         | .500"   | 1200     | V     | N/C  | PP / 110        | 454P-110   |
|             |             |                   | _       |          |       |      |                 |            |

#### REPLACEMENT / REPAIR KITS FOR SOLENOID VALVES

| 8.708-837.0 | 24V AC Coil                            |
|-------------|--|
| 8.700-217.0 | Repair Kit - S301, 1/4" Valves (Viton) |
| 8.700-220.0 | Repair Kit - S211, 3/4" Valves (Buna)  |

#### **SOLENOID VALVES - KIP - SS & BRASS**

■ Reliable over years of use

■ Millions of cycles life not unusual

■ All with FPT Ports



8.708-846.0





|  | T | YPE |
|--|---|-----|
|  |   | YPE |

MODE **N/O** = Normally Open **N/A** = Not Adjustable **N/C** = Normally Closed **C/A** = Chemical Adjustment

| PART NO.              | MODE            | FPT           | VOLTAGE | TYPE       | ORIFICE ID |
|-----------------------|-----------------|---------------|---------|------------|------------|
| STAINLESS-STEEL       |                 |               |         |            |            |
| 8.708-846.0**         | N/C             | 1/4"          | 24V AC  | N/A        | .062       |
| 8.708-849.0           | N/C             | 1/8"          | 24V AC  | N/A        | .062       |
| 8.708-851.0           | N/C             | 1/4"          | 24V AC  | C/A        |            |
| 8.708-852.0*          | N/C             | 1/4"          | 24V AC  | C/A        |            |
| 8.708-855.0           | N/C             | 1/4"          | 120V AC | N/A        | .093       |
| 8.708-856.0           | N/C             | 1/4"          | 24V AC  | N/A        | .093       |
| 8.708-857.0*          | N/C             | 1/4"          | 120V AC | N/A        | .093       |
| 8.708-858.0*          | N/C             | 1/4"          | 24V AC  | N/A        | .093       |
| <b>BRASS SOLENOID</b> | VALVES - KIP    |               |         |            |            |
| 8.708-863.0*          | N/C             | 1/8"          | 240V AC | N/A        | .062       |
| 8.708-864.0*          | N/C             | 1/8"          | 120V AC | N/A        | .062       |
| PARTS                 |                 |               |         |            |            |
| 8.708-859.0           | Coil Only       |               | 120V    | Wire Leads |            |
| 8.708-860.0           | Coil Only       |               | 24V     | Wire Leads |            |
| *Conduit Body Style   | with Wire Leads | ** Wire Leads |         |            |            |

#### **SOLENOID VALVES WITH BUILT-IN STRAINERS**

For pressure lines and pressure systems only.

#### **BRASS VALVES - DIAPHRAGM STYLE**

- Normally close valve operation
- Proven design features for reliable performance on all applications
- Operates in any position, but Rated to 200°F fluid and do NOT mount valve with coil under valve
- 120°F ambient

#### **CELCON PLASTIC VALVES - SUPER FOR STRONG CHEMICALS**

■ PSI: 125

- 1/4" & 3/8" FPT, 1/4" Orifice
- Temperature: 180°F
- Diaphragm style with
- Y-screen (S.S.)
- Molded coil CSA-approved
- Compact design 1/4" spade connects
- Normally closed operation





| PART NO.                       | DEMA NO. | FPT  | ORIFICE | PSI | VOLTAGE |  |  |  |
|--------------------------------|----------|------|---------|-----|---------|--|--|--|
| BRASS VALVES - DIAPHRAGM STYLE |          |      |         |     |         |  |  |  |
| 8.711-249.0                    | 442P     | 1/4" | .25     | 125 | 24V AC  |  |  |  |
| 8.711-250.0                    | 442P     | 1/4" | .25     | 125 | 110V AC |  |  |  |
| 8.711-252.0                    | 443P     | 3/8" | .25     | 125 | 24V AC  |  |  |  |
| CELCON PLASTIC V               | ALVES    |      |         |     |         |  |  |  |
| 8.708-869.0                    | P442     | 1/4" | .25     | 125 | 24V AC  |  |  |  |
| 8.708-870.0                    | P442     | 1/4" | .25     | 125 | 110V AC |  |  |  |
| 8.708-871.0                    | P442     | 1/4" | .25     | 125 | 12V AC  |  |  |  |
| 8.708-872.0                    | P443     | 3/8" | .25     | 125 | 24V AC  |  |  |  |

#### PROPORTIONER FLOAT VALVE SYSTEMS - AQUA MASTER™ MODEL 440

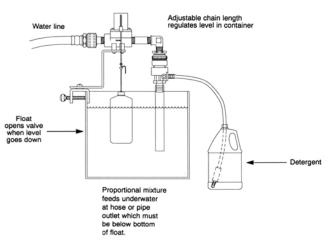
Liquid level proportioning controls - automatically maintain drum level and chemical concentration. The Aqua Master automatically maintains a desired level of proportioned mixture in a drum, tank or other type reservoir.



Magnetically activated "snap acting" float valves provide full water flow to activate the chemical proportioners. There are two basic sizes to give a choice of water flows as shown in the table below. Chemical feed rate is adjusted by metering screw or threaded metering tips. The compact 440 float valve is made of Celcon® plastic and is easily accessible for field maintenance.

Liquid-level proportioning controls are available in two flow capacities, 4.0 and 22.0 GPM at 50 PSI. Either size can be used with or without a proportioner. The proportioner allows chemical to be inducted while the valve is open.

All models, except as noted, are equipped with siphon breakers to prevent backflow into the fresh water line. The proportioner discharge is provided with means for attaching a hose or piece for under water feeding to minimize sudsing.



| MODEL    | DESCRIPTION   | CAPACITY |
|----------|---|----------|
| 440-23BT | Proportioning Valve, 4 GPM Flow at 50 PSI, Medium Capacity  | 12*      |
| 440-23T  | Proportioning Valve, 4 GPM Flow at 50 PSI, High Capacity    | 35*      |
| 440-24   | Proportioning Valve,4 GPM Flow at 50 PSI, Highest Capacity  | 70*      |
| 437-21   | Proportioning Valve, 22 GPM Flow at 50 PSI, Medium Capacity | 10*      |

\*Oz. / Gal of 1 CPS Fuild (ie, Viscosity of Water)

| PART NO.    | DESCRIPTION   |
|-------------|---------------|
| 8.710-525.0 | 440-23BT      |
| 8.710-524.0 | 440-23T       |
| 8.710-526.0 | 440-24        |
| 8.710-534.0 | Optional Tips |

#### **VALVE - 3-WAY - ERIE MOTORTROL®**



- Three-way valve to switch hot and cold inlets to single outlet
- 1/2" MPT (all three)
- 24V AC

| PART NO.    | DESCRIPTION     |  |
|-------------|-----------------|--|
| 8.708-879.0 | Motortrol Valve |  |

#### **PROPORTIONERS & ACCESSORIES - DEMA**

Designed to blend liquid chemical concentrates with water (flowing at normal city water pressure) to create an accurate mix of diluted chemcials. Complete with metering orifice set and/or metering adjustment valve.

| 220 CPS = | Viscosity of | f SAE 30 Oil |  |
|-----------|--------------|--------------|--|
| 75 CPS =  | Viscosity of | f SAE 10 Oil |  |
| 1 CPS =   | Viscosity of | f Water      |  |

| Max Bienu Rate = Oz. Chem Per Gar Water |       |        |         |  |  |  |  |
|---|-------|--------|---------|--|--|--|--|
|   | 1 CPS | 75 CPS | 220 CPS |  |  |  |  |
| 162                                     | 24    | 14     | 6       |  |  |  |  |
| 163H*                                   | 6.1   | 30     | 1/      |  |  |  |  |

\*High-concentration chemical blender

| PART NO.    | DESCRIPTION                                     |
|-------------|---|
| 8.710-530.0 | #162 Drum Mount with<br>Proportioner            |
| 8.710-529.0 | #163H High Concentrate<br>Proportioner Low Side |
| 8.700-226.0 | Polyproylene Foot Valve                         |
| 8.710-534.0 | Optional Tips                                   |

#### **HYPRO ROLLER PUMPS**

Ideal for farm sprayers, pest control and chemical application usage.



- Self-Priming Operation: Roller Pumps Should Not be Run Dry
- Adaptable to PTOs or Gas Engines



- Standard Super Rollers Provide the Chemical Resistance of Nylon and Long Life of Polypropylene
- Rotation is Determined by Looking at Shaft End of Pump



| PART NO.    | MODEL NO. | HOUSING   | ROTATION | SHAFT DIA | NO. OF ROLLERS | SEALS |
|-------------|-----------|-----------|----------|-----------|----------------|-------|
| 8.702-281.0 | 4101C     | Cast-Iron | CW       | 5/8"      | 4              | Viton |
| 8.702-261.0 | 6500C     | Cast-Iron | CCW      | 5/8"      | 6              | Viton |
| 8.702-263.0 | 6500C-R   | Cast-Iron | CW       | 5/8"      | 6              | Viton |
| 8.702-282.0 | 7560C     | Cast-Iron | CCW      | 15/16"    | 8              | Viton |
| 8 702-283 0 | 7560C-R   | Cast-Iron | CW       | 15/16"    | 8              | Viton |

### **PERFORMANCE TABLES**

→ HYPRO

#### **SERIES 4001**

■ PSI Max: 150 ■ GPM Max: 9.0 ■ RPM Max: 1,800

| PRESSURE IN PSI | GPM @ 1,100 RPM | HP  | GPM @ 1,400 RPM | HP  | GPM @ 1,800 RPM | HP   |
|-----------------|-----------------|-----|-----------------|-----|-----------------|------|
| 50              | 4.4             | .24 | 5.9             | .32 | 8.0             | .46  |
| 100             | 3.8             | .41 | 5.3             | .56 | 7.3             | .78  |
| 125             | 3.5             | .50 | 5.0             | .68 | 7.0             | .95  |
| 150             | 3.3             | .62 | 4.8             | .78 | 6.7             | 1.10 |

#### SERIES 6500

■ PSI Max: 300 ■ GPM Max: 21.8 ■ RPM Max: 1,200

| PRESSURE IN PSI | GPM @ 540 RPM | HP   | GPM @ 1,000 RPM | HP   | GPM @ 1,200 RPM | HP   |
|-----------------|---------------|------|-----------------|------|-----------------|------|
| 50              | 8.0           | .38  | 16.5            | .71  | 20.1            | .90  |
| 100             | 7.2           | .68  | 15.4            | 1.26 | 19.1            | 1.51 |
| 125             | 5.6           | 1.29 | 14.0            | 2.34 | 17.3            | 2.84 |
| 150             | 4.3           | 1.91 | 12.7            | 3.47 | 15.7            | 4.17 |

#### **SERIES 4101**

■ PSI Max: 150 ■ GPM Max: 7.0 ■ RPM Max: 2,600

| PRESSURE IN PSI | GPM @ 1,800 RPM | HP  | GPM @ 2,200 RPM | HP  | GPM @ 2,600 RPM | HP   |
|-----------------|-----------------|-----|-----------------|-----|-----------------|------|
| 50              | 4.5             | .34 | 5.60            | .40 | 6.6             | .46  |
| 100             | 3.9             | .56 | 5.0             | .68 | 6.0             | .76  |
| 125             | 3.7             | .68 | .82             | .82 | 5.7             | .92  |
| 150             | 3.4             | .78 | 4.40            | .96 | 5.4             | 1.08 |

#### **SERIES 7560**

■ PSI Max: 300 ■ GPM Max: 22.5 ■ RPM Max: 1,000

| PRESSURE IN PSI | GPM @ 540 RPM | HP   | GPM @ 800 RPM | HP   | GPM @ 1,000 RPM | HP   |
|-----------------|---------------|------|---------------|------|-----------------|------|
| 50              | 11.1          | .74  | 17.5          | 1.26 | 22.0            | 1.78 |
| 100             | 10.3          | 1.25 | 16.9          | 1.95 | 21.3            | 2.53 |
| 125             | 8.6           | 2.26 | 15.5          | 3.40 | 20.0            | 4.20 |
| 150             | 7.1           | 3.30 | 18.9          | 5.30 | 18.0            | 6.10 |

#### **FLOJET DIAPHRAGM PUMP**

FLOJET

Built-in pressure switch automatically starts and stops pump instantaneously.



- Can run dry without damage
- Excellent Self-Priming Capability

■ Low-Current Draw

| PART NO.    | FLOJET MODEL NO. | VOLTAGE | GPM  | MAX PSI | PORTS     | DIAPHRAGM* | VALVES* |
|-------------|------------------|---------|------|---------|-----------|------------|---------|
| 8.702-328.0 | 4300-142A        | 12V DC  | 3.50 | 40      | 1/2" Barb | S          | Е       |
| 8.702-312.0 | 2100-032         | 115V    | 1.85 | 50      | 3/8" FPT  | S          | S       |
| 8.702-337.0 | 2100-022A        | 115V    | 1.85 | 50      | 3/8" FPT  | V          | V       |
| 8.702-331.0 | 4300-042         | 115V    | 3.50 | 45      | 1/2" Barb | S          | Е       |
| 8.702-329.0 | 4300-043A        | 115V    | 4.70 | 35      | 1/2" Barb | S          | Е       |

<sup>\*</sup>V = Viton E = EPDM S = Santoprene

Note: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

#### **DIAPHRAGM PUMP UNITS**



1.0 - 3.8 GPM integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene® diaphragms and Viton valves for excellent service with a wide variety of sprayable products.

NOTE: Flow is reduced as pressure is increased (i.e. 100580 pumps 1.12 GPM at 60 PSI) automatic demand control on/off.



- Chemical-Resistant Materials
- Can run dry without damage
- Self-Priming

- Low-Amp Draw
- Automatic demand pressure switch or interanl bypass

| PART NO.        | SHURFLO MODEL NO.    | POWER      | VOLTAGE    | GPM     | MAX PSI | PORTS      | DIAPHRAGM* | VALVES* |  |
|-----------------|----------------------|------------|------------|---------|---------|------------|------------|---------|--|
| 8.702-294.0     | 8000-541-236         | Demand     | 12V DC     | 1.0     | 60      | 3/8" FPT   | S          | V       |  |
| 8.702-304.0     | 8000-343-236         | Demand     | 12V DC     | 1.2     | 60      | 3/8" FPT   | V          | V       |  |
| 8.702-300.0     | 8000-543-236         | Demand     | 12V DC     | 1.4     | 60      | 3/8" FPT   | S          | V       |  |
| 8.702-296.0     | 8000-543-238         | Demand     | 12V DC     | 1.6     | 100     | 3/8" FPT   | S          | V       |  |
| 8.702-335.0     | 8030-813-239         | Demand     | 12V DC     | 1.5     | 150     | 3/8" FPT   | S          | V       |  |
| 8.702-302.0     | 8002-793-238         | Demand     | 12V DC     | 1.7     | 100     | 3/8" FPT   | S          | Е       |  |
| 8.702-311.0     | 8000-532-256         | Demand     | 115V       | 1.4     | 60      | 3/8" FPT   | S          | V       |  |
| 8.702-307.0     | 8000-033-236         | Demand     | 115V       | 1.0     | 60      | 3/8" FPT   | V          | V       |  |
| 8.702-306.0     | 8000-533-236         | Demand     | 115V       | 0.98    | 60      | 3/8" FPT   | S          | V       |  |
| 8.702-334.0     | 8000-812-288         | Bypass     | 115V       | 1.4     | 100     | 3/8" FPT   | S          | V       |  |
| 8.702-308.0     | 8000-813-238         | Demand     | 115V       | 1.6     | 100     | 3/8" FPT   | S          | V       |  |
| 8.702-338.0     | 8000-713-238         | Demand     | 115V       | 1.6     | 100     | 3/8" FPT   | S          | Е       |  |
| 2088 PREMIUM    | SERIES - SELF-PRIMES | UP TO 12 F | Г BUILT-IN | ВАСК СН | IECK    |            |            |         |  |
| 8.702-305.0     | 2088-343-135         | Demand     | 12V DC     | 3.0     | 45      | 1/2" - 14N | l S        | V       |  |
| 8.702-303.0     | 2088-313-145         | Demand     | 12V DC     | 3.6     | 45      | 1/2" - 14N | l S        | V       |  |
| 8.702-301.0     | 2088-712-244         | Demand     | 12V DC     | 3.8     | 40      | 1/2" - 14N | l S        | Е       |  |
| 8.702-310.0     | 2088-394-154         | Demand     | 115V       | 3.2     | 40      | 1/2" - 14N | l S        | V       |  |
| 4111 - DOUBLE   | HEAD                 |            |            |         |         |            |            |         |  |
| 8.702-339.0     | 4111-035             | Demand     | 12V        | 7.0     | 45      | 1/2" - 14N | S          | V       |  |
| 166 - AIR DRIVE |                      |            |            |         |         |            |            |         |  |
| 8.702-317.0     | 166-200-56           | Demand     | AIR        | 1.25    | 65      | 3/8" Barb  | Е          | Е       |  |

\*V = Viton E = EPDM S = Santoprene

Note: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

#### **AQUATEC 550 SERIES DIAPHRAGM PUMP**

These pumps can either be controlled by a pressure switch ("demand" mode) or an external power control device. When required, an integrated bypass can be incorporated to help regulate pressure levels.





 Powerful flow rates up to
 5.5 GPM / 21 LPM at pressures up to 80 PSI / 5.5 Bar

- Patented 5-Chamber diaphragm and piston design
- Quiet nosie levels and with minimal pulsations

| PART NO.    | AQUATEC MODEL NO. | VOLTAGE | MAX FLOW | MAX PSI | PORTS    | DIAPHRAGM* | VALVES* |
|-------------|-------------------|---------|----------|---------|----------|------------|---------|
| 8.750-812.0 | 25513-1E11-M638   | 12V DC  | 5.3      | 60      | 1/2" NPT | S          | Е       |

\*V = Viton E = EPDM S = Santoprene

# TWIN-DIAPHRAGM SPOT SPRAY PUMP





- PSI: 35 (#8 Tip)
- GPM: 1.0 (Open)
- 3/8" Hose Barb Inlet / Outlet
- Self-Priming to 2.5 Feet
- Operating Temperature: 40° - 110°F
- Liquid Temperature Max: 110°F
- 5 Amp Fuse
- Dry Weight: 1.3 lbs.
- Chemical-Resistant Valves and Diaphragm

- Compact automatic on-demand operation
- Sealed pressure switch automatically stops pump when discharge valve opens and closes
- Self-priming so pump can be located above supply tank
- Can run dry for extended periods without damage
- Built-In Thermal Protection on 12V DC Motor
- Low-Amp Draw (2.5 at 25 PSI, 4.0 at 35 PSI)

| PART NO.    | DESCRIPTION                            | OPEN |
|-------------|--|------|
| 8.702-326.0 | Spot Spray Pump,<br>Max 35 PSI, 12V DC | 1.0  |

#### **INDUSTRIAL CHEMICAL SPRAYER**

Excellent pre-prep chemical applicator. Trigger control, demand flow, wall-mount cabinet, enclosed pump unit pulls chemical from a bulk tank and delivers it through 100' lightweight hose for low-pressure stream / cone or mist application. Operator simply squeezes trigger for instant application.



- Diaphragm Pump Units
- PSI: 60
- Choice of 12V DC or 110V DC
- 100-Foot Hose
- Adjustable nozzle for cone mist to straight stream
- Durable Santoprene and Viton-Wetted Parts

| PART NO.                     | DESCRIPTION            | MOTOR   | PSI | GPM  |  |
|------------------------------|------------------------|---------|-----|------|--|
| WALL MOUNT / CABINET SPRAYER |                        |         |     |      |  |
| 8.906-090.0                  | Chemical<br>Applicator | 115V AC | 60  | 1.15 |  |
| 8.906-089.0                  | Chemical<br>Applicator | 12V DC  | 60  | 1.25 |  |

Note: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

#### **SPRAYMAX TRIGGER GUN**

For pest control applications.



- PSI: 1000
- Temperature: 200°F
- Compare to JD-9, Mag-1, Robco and Ges
- Adjusts from fine mist to straight stream
- Drip-Free Shutoff
- Crafted for all-day comfortable use
- Larger trigger for 4-fingered grip

| PART NO.    | DESCRIPTION     |
|-------------|-----------------|
| 8.708-995.0 | With 1/2" Inlet |
| 8.709-028.0 | Repair Kit      |

#### **M23 TRIGGER VALVES**

Versatile hand-held trigger valves for chemical or water-flow control.



■ PSI: 700

- 1/2" FPT Inlet/Outlet
- GPM: 18.5
- Lock-On Trigger Loop

| PART NO.                     | DESCRIPTION           |  |  |
|------------------------------|-----------------------|--|--|
| ALUMINUM BOD                 | DY - SS / BR VALVE    |  |  |
| 8.708-982.0                  | Trigger Valve - Viton |  |  |
| PLASTIC BODY - SS / BR VALVE |                       |  |  |
| 8.708-983.0                  | Trigger Valve - Viton |  |  |
| 8.708-984.0                  | Trigger Valve - Buna  |  |  |

#### TRIGGER-CONTROL SPRAY LANCES

Excellent for low-pressure chemical applications up to 150 PSI. Available in either plastic- or brass-lance tube. Works well with neutral, alkaline or mild acid solutions.



- Steel Trigger and Service Wrench
- Plastic Valve Body
- Brass-Needle Plunger
- Filter Screen in Nozzle Housing

PART NO.

TRIGGER LANCE

- Cone Nozzle Adjusts 0-80°
- 24" Lance Brass or Plastic
- Standard 11/16" outlet thread for standard lowpressure nozzle
- Accepts the adjustable cone nozzles or standard tip-jet nozzles (11/16 nozzle thread)

| 8.902-777.0                                     | Brass without Nozzle          |  |  |  |
|---|-------------------------------|--|--|--|
| 8.902-778.0                                     | Plastic without Nozzle        |  |  |  |
| 8.708-977.0                                     | Plastic with Red Nozzle       |  |  |  |
| 8.925-822.0                                     | Brass with Red Nozzle         |  |  |  |
| 8.700-493.0                                     | Needle Valve and Seal Kit     |  |  |  |
|   |                               |  |  |  |
| PART NO.  | DESCRIPTION 80° STRAIGHT CONE |  |  |  |
| ADJUSTABLE NOZZLE - GPM @ 40 PSI / ADJUST 0-80° |                               |  |  |  |
| 8.708-980.0                                     | #2 Red .545 .204              |  |  |  |

**DESCRIPTION** 

#### **TURBINE SERIES GUNS**

Forged-brass housings, stainless-steel lances, mist cone to straight stream adjustment, on/off control, lock-on trigger, 1/2" BSP inlet Viton seals, up to 850 PSI at 140°F.



- PSI: 850
- 1/2" BSP Male Inlet
- Weight: 4 lbs.
- Standard 15 x 1 LRT(4.5 mm)
- 62 ft Reach, Straight Stream at 850 PSI, 31.5 ft -Reach, Full Cone at 850 PSI

| PART NO.    | DESCRIPTION           | GPM | BARREL |
|-------------|-----------------------|-----|--------|
| 8.708-990.0 | Long Range<br>Turbine | 30  | 21     |
| 8.708-989.0 | Turbine               | 25  | 17     |

#### **GUN ASSEMBLY - 910 SPOT SPRAY**

High-pressure trigger gun adapted to spot spray application.



- Durable and comfortable
- 1/4" Hose Barb Inlet
- 12" Plated Steel Lance
- #2 Blue Adjustable Nozzle

| PART NO.    | DESCRIPTION                 |
|-------------|-----------------------------|
| 8.904-088.0 | 910 Spot Spray Gun Assembly |

#### **BRASS PRESSURE REGULATOR**



- Durable and Strong
- 3/4" FPT Outlet
- Temperature: 120°F
- Weight: 10.3 oz.
- Sprayers pumping up to 15 GPM
- Adjustable Pressure Ranges
- Stainless-Steel Spring
- Tee-Handle Adjustment Screw
- 3/4" MPT Inlet
- Knurled locknut for ease of locking in adjustment

| PART NO.    | DESCRIPTION                         | PSI     |
|-------------|-------------------------------------|---------|
| 8.712-557.0 | 3/4" FPT Outlet x 3/4"<br>MPT Inlet | 0-300   |
| 8.712-558.0 | 3/4" FPT Outlet x 3/4"<br>MPT Inlet | 300-700 |

#### **HEAVY-DUTY SWIVELS**

Live swivels help prevent twisted and tangled hose.





- PSI: 600
- Brass Body, Stainless-Steel Bolt

- Viton Seals
- 1/2" MPT inlet and 1/2" outlet

| PART NO.    | DESCRIPTION       | PSI |
|-------------|-------------------|-----|
| 8.708-996.0 | Swivel 1/2" M x F | 600 |
| 8.708-997.0 | Swivel 3/4" M X F | 600 |

8.708-996.0

#### TRIGGER-JET SPRAY LANCES - TEEJET

Low-pressure chemical application lance will tolerate mild acid solutions.



- PSI: 150
- Diaphragm Shut-Off Valve
- Hand-Grip Trigger Control
- Plastic lance tube resistant to acids and agricultural chemicals
- Excellent for mild acids or alkali chemicals
- Polypropylene Body EPDM Seals STD
- 11/16" Nozzle Connect Outlet

| PART NO.                         | DESCRIPTION                             |  |  |  |  |
|----------------------------------|---|--|--|--|--|
| TRIGGER LANCE (TIP NOT INCLUDED) |   |  |  |  |  |
| 8.709-182.0                      | 24", 1/4" FPT Inlet, Viton              |  |  |  |  |
| 8.709-184.0                      | 24", 3/8" HB Inlet, Viton               |  |  |  |  |
| TRIGGER VALVE                    | ONLY                                    |  |  |  |  |
| 8.709-185.0                      | 3/8" HB Inlet, 11/16" Outlet,<br>Viton  |  |  |  |  |
| 8.709-186.0                      | 1/4" HB Inlet, 11/16" Outlet,<br>Viton  |  |  |  |  |
| 8.709-187.0                      | 1/4" FPT Inlet, 11/16" Outlet,<br>Viton |  |  |  |  |
| PARTS AND ACC                    | CESSORIES - TRIGGER JET LANCE           |  |  |  |  |
| 8.709-188.0                      | Adapter, 11/16" x 11/16" PP             |  |  |  |  |
| 8.709-189.0                      | 24" Lance Tube Only                     |  |  |  |  |
| 8.709-190.0                      | 24" Lance Tube with Seals and Fittings  |  |  |  |  |
| TIGGER JET NO                    | ZZLES - POLYPROPYLENE,<br>00 TO 600     |  |  |  |  |
| 8.709-192.0                      | Yellow Core (x 3),<br>.23 GPM / 60 PSI  |  |  |  |  |
| 8.709-193.0                      | Green Core (x 5),<br>.37 GPM / 60 PSI   |  |  |  |  |
| 8.709-194.0                      | Red Core (x 6), .45 GPM / 60 PSI        |  |  |  |  |
| 8.709-195.0                      | Gray Core (x 8), .57 GPM / 60 PSI       |  |  |  |  |
| 8.709-196.0                      | Brown Core (x 12),<br>.84 GPM / 60 PSI  |  |  |  |  |
| 8.709-197.0                      | Orange Core (x 18),<br>1.2 GPM / 60 PSI |  |  |  |  |

#### **LONG RANGE TIP**

Best used with long-range turbine gun.



- PSI: 850
- GPM: 24.4
- 15 x 1 Long-Range Tip
- Brass Body
- 77 ft Max Throw Range

| PART NO.    | ORIFICE DIA (MM) | DEGREES |
|-------------|------------------|---------|
| 8.708-998.0 | 3.5              | 45°     |
| 8.708-999.0 | 4.0              | 45°     |
| 8.709-000.0 | 4.5              | 50°     |
| 8.709-001.0 | 5.0              | 55°     |
| 8.709-002.0 | 5.5              | 60°     |
| 8.709-003.0 | 6.0              | 65°     |
| 8.709-004.0 | 7.0              | 75°     |

#### **LOW-FLOW BRASS PRESSURE REGULATOR**



- 1/2" MPT Inlet
- 1/2" Outlet
- Temperature: 120°F
- Weight: 10.3 oz.
- For Sprayers Pumping Up to 5 GPM
- Durable and Strong Brass Construction
- Stainless-Steel Spring
- Positive Viton Seal to Prevent Leakage
- Knurled Locknut for Easy Adjustment

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| 8.712-553.0 | 200-650 PSI |
| 8.712-554.0 | 0-300 PSI   |

#### **NYLON PRESSURE REGULATOR**

Maximum corrosion resistance.



- Male Inlet / Female Outlet
- Temperature: 120°F
- Weight: 4 oz.
- Up to 15.0 GPM
- Stainless-Steel Spring

- Positive Viton Seal to Prevent Leakage and Provide Best Chemical Resistance
- Knurled Locknut for Easy Adjustment
- Tee-Handle Adjustment Screw
- Choice of 1/2" or 3/4" Inlet / Outlet

| PART NO.    | INLET | OUTLET | ADJUSTABLE PRESSURE RANGE |
|-------------|-------|--------|---------------------------|
| 8.712-555.0 | 1/2"  | 3/4"   | 0-250 PSI                 |
| 8.712-552.0 | 3/4"  | 3/4"   | 0-250 PSI                 |
| 8.712-556.0 | 3/4"  | 3/4"   | 0-400 PSI                 |

#### **BULKHEAD FITTINGS**



- Black Polypropylene
- Double-Threaded with **EPDM Gasket**
- Opening Same Size as Outside Diameter

| PART NO.         | FPT              | HOLE DIA |
|------------------|------------------|----------|
| 8.705-336.0      | 1/2"             | 1-5/8"   |
| 8.705-338.0      | 3/4"             | 1-5/8"   |
| 8.705-144.0      | 3/4"             | 1-3/4"   |
| 8.705-145.0      | 1"               | 1-3/4"   |
| 8.705-339.0      | 1"               | 2-1/2"   |
| 8.705-341.0      | 1-1/4"           | 2-1/2"   |
| 8.705-342.0      | 1-1/2"           | 2-1/2"   |
| 8.705-146.0      | 1-1/2"           | 3"       |
| 8.705-147.0      | 2"               | 3"       |
| 8.705-343.0      | 2"               | 3-1/8"   |
| GASKET FOR ABOVE |                  |          |
| 8.705-337.0      | Fits 1/2", 3/4"  |          |
| 8.705-340.0      | Fits 1", 1-1/4", | 1-1/2"   |
| 8.705-344.0      | Fits 2"          |          |

#### **BULKHEAD / TANK FITTINGS - BRASS**



- Use to drain or remove liquids from tanks, drums, etc.
- Heavy-Duty Brass
- Includes nut and aluminum grip water

| PART NO.    | OVERALL<br>LENGTH | MOUNTING HOLE<br>DIAMETER |
|-------------|-------------------|---------------------------|
| 8.705-139.0 | 1/8" x 1.5"       | 5/8"                      |
| 8.705-140.0 | 1/4" x .94"       | 3/4"                      |
| 8.705-141.0 | 1/4" x 1.5"       | 3/4"                      |
| 9.802-149.0 | 3/8" x 1.3"       | 1"                        |
| 9.802-150.0 | 1/2" x 1.5"       | 1-1/8"                    |

Note: Installation requires access to inside of tank

#### **DIAPHRAGM CHECK VALVES - NYLON**

For drip-free spraying.



- PSI: 125
- Operating Pressure PSI: 10
- GPM: 2.0
- Nylon Body, Polypropylene End Cap - EPDM - Diaphragm
- 1/4" MPT Inlet, 11/16" 16 Male Outlet Nozzle Thread
- Spring-backed diaphragm for positive actions

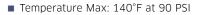
| PART NO.    | DESCRIPTION            |
|-------------|------------------------|
| 8.709-377.0 | Diaphragm Check Valves |

- DO NOT USE... Polypropylene DO NOT USE... Nylon for: for: gasoline, nitric acid, trichlorethylene, toluene, aromatic hydrocarbons or kerosene. Polypropylene "P" - black / glass reinforced
  - hydrochloric acid, chlorine, fluorine, nitric, xylene or phosphoric or sulfuric acids. Nylon 6/6 "N" white / natural color.

#### **PLASTIC FITTINGS**

For cater and chemical supply lines. Ideal for use with most alkaline-based detergents, most agricultural chemicals, ethanol, and most ammonium and sodium-based compounds.

■ PSI: 150



■ Temperature Max: 90°F at 150 PSI

8.705-335.0











| 8.7 | 05-2 | 65.0 |
|-----|------|------|
|     |      |      |

8.705-289.0

8.705-317.0

| PART NO.        | DESCRIPTION | BARB X MPT  |
|-----------------|-------------|-------------|
| HOSE BARBS - BA | ARB X MPT   |             |
| 8.705-262.0     | Poly        | 1/4" × 1/4" |
| 8.705-264.0     | Poly        | 1/4" x 3/8" |
| 8.705-263.0     | Poly        | 3/8" x 1/4" |
| 8.705-265.0     | Poly        | 3/8" x 3/8" |
| 8.705-268.0     | Poly        | 1/2" x 3/8" |
| 8.705-270.0     | Poly        | 5/8" x 1/2" |
| 8.705-277.0     | Nylon       | 1/4" × 1/4" |
| 8.705-280.0     | Nylon       | 1/4" x 3/8" |
| 8.705-278.0     | Nylon       | 3/8" x 1/4" |
| 8.705-281.0     | Nylon       | 3/8" x 3/8" |
| 8.705-284.0     | Nylon       | 3/8" x 1/2" |
| 8.705-282.0     | Nylon       | 1/2" x 3/8" |
| 8.705-285.0     | Nylon       | 1/2" x 1/2" |
| 8.705-288.0     | Nylon       | 1/2" x 3/4" |
| 8.705-283.0     | Nylon       | 5/8" x 3/8" |
| 8.705-286.0     | Nylon       | 5/8" x 1/2" |
| 8.705-289.0     | Nylon       | 5/8" x 3/4" |
| 8.705-287.0     | Nylon       | 3/4" x 1/2" |
| 8.705-290.0     | Nylon       | 3/4" x 3/4" |
| 8.705-291.0     | Nylon       | 1" x 3/4"   |

| PART NO.   | DESCRIPTION | BARB X MPT        |  |
|--|-------------|-------------------|--|
| 90° BARB X MPT   | ELBOWS      |                   |  |
| 8.705-293.0  | Poly        | 1/4" x 1/4"       |  |
| 8.705-296.0  | Poly        | 1/4" x 3/8"       |  |
| 8.705-294.0  | Poly        | 3/8" x 1/4"       |  |
| 8.705-298.0  | Poly        | 3/8" x 3/8"       |  |
| 8.705-301.0  | Poly        | 3/8" x 1/2"       |  |
| 8.705-295.0  | Poly        | 1/2" x 1/4"       |  |
| 8.705-299.0  | Poly        | 1/2" x 3/8"       |  |
| 8.705-303.0  | Poly        | 1/2" x 1/2"       |  |
| 8.705-307.0  | Poly        | 1/2" x 3/4"       |  |
| 8.705-304.0  | Poly        | 5/8" x 1/2"       |  |
| 8.705-308.0  | Poly        | 5/8" x 3/4"       |  |
| 8.705-305.0  | Poly        | 3/4" x 1/2"       |  |
| 8.705-310.0  | Poly        | 3/4" x 3/4"       |  |
| 8.705-300.0  | Nylon       | 3/8" x 1/2"       |  |
| 8.705-306.0  | Nylon       | 1/2" x 3/4"       |  |
| 8.705-309.0  | Nylon       | 3/4" x 3/4"       |  |
| HEX NIPPLE - M   | PT X MPT    |                   |  |
| 8.705-316.0  | Poly        | 1/4" x 1/4"       |  |
| 8.705-317.0  | Poly        | 3/8" x 3/8"       |  |
| 8.705-323.0  | Poly        | 1/2" x 3/8"       |  |
| 8.705-319.0  | Poly        | 1/2" x 1/2"       |  |
| 8.705-326.0  | Poly        | 3/4" x 1/2"       |  |
| 8.705-321.0  | Poly        | 3/4" x 3/4"       |  |
| 8.705-324.0  | Nylon       | 1/2" × 1/4"       |  |
| 8.705-318.0  | Nylon       | 1/2" x 1/2"       |  |
| 8.705-320.0  | Nylon       | 3/4" x 3/4"       |  |
| ELBOWS - BARB  | X BARB      |                   |  |
| 8.705-335.0  | Poly        | 3/8" x 3/8"       |  |
| TEES BARB X BA   | RB X BARB   |                   |  |
| 8.705-327.0  | Nylon       | 1/4" B x B x B    |  |
| 8.705-328.0  | Nylon       | 3/8" B x B x B    |  |
| "PUSH-ON" HOSE BARBS -<br>NORMALLY DOES NOT REQUIRE CLAMPS |             |                   |  |
| 8.705-346.0  | Nylon       | 1/4" B x 1/4" FPT |  |

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# **IDENTIFYING KÄRCHER EQUIPMENT BY NAME**

All Kärcher branded machines are named systematically so that every machine name explains what the product is. For example, all hot water pressure washer names start with HDS, while all cold water pressure washers names start with HD. Floor care product names range from a direct to indirect relation to the product, such as BV for Backpack Vacuum to KM for a Sweeper. Below is a chart to help with identifying Kärcher equipment by name.









#### PRESSURE WASHER MACHINE NAMES

| Model           | GPM / PSI                                   | Туре |   |              | Votage | and Phase     | Featur | e                 |
|-----------------|---|------|---|--------------|--------|---------------|--------|-------------------|
| HDS = Hot Water | Gallons Per Minute / Pounds Per Square Inch | U    | = | Upright      | Ea     | = 230V / 1 ph | е      | = electric start  |
| HD = Cold Water |   | С    | = | Compact      | Eb     | = 230V / 3 ph | +      | = Remote On / Off |
|                 |   | S    | = | Super Class  | Ec     | = 460V / 3 ph |        |                   |
|                 |   | ST   | = | Stationary   | Ed     | = 120V / 1 ph |        |                   |
|                 |   | G    | = | Gas          | Eg     | = 208 / 1 ph  |        |                   |
|                 |   | Р    | = | Petrol       | Eh     | = 208V / 3 ph |        |                   |
|                 |   | D    | = | Diesel       | Ef     | = 575 / 3 ph  |        |                   |
|                 |   | E    | = | Electric     |        |               |        |                   |
|                 |   | В    | = | Belt Driven  |        |               |        |                   |
|                 |   | Mt   | = | Mini Trailer |        |               |        |                   |

EXAMPLE: HDS 1.7/12 U ED = HOT WATER, 1.7 GPM / 1200 PSI, UPRIGHT, ELECTRIC, 120V / 1 PH

#### **FLOOR CARE MACHINE NAMES**

| Model |                                     | CAPACITY<br>LITERS / GA | LLONS   | CLEANING I<br>CM / Inches |       | OPTIONS / F | FEATURES                                 |
|-------|-------------------------------------|-------------------------|---------|---------------------------|-------|-------------|--|
| KM    | = Sweeper                           | 4                       | = 1     | 1                         | = .4  | BP          | = Battery Powered                        |
| Puzzi | = Spotter or Box & Wand Extractor   | 25                      | = 6.6   | 4                         | = 1.6 | С           | = Scrubbers = Pad Assist                 |
| NT    | = Wet/Dry Vacuum                    | 30                      | = 7.9   | 12                        | = 5   | С           | = Extractors = Compact                   |
| BR    | = Scrubber with Cylindrical Brushes | 35                      | = 9.25  | 20                        | = 8   | AP          | = Semi-Automatic Filter Cleaning System  |
| BD    | = Scrubber with Disc Brushes        | 38                      | = 10.0  | 30                        | = 12  | W           | = Scrubbers = Traction Drive             |
| В     | = Scrubber                          | 40                      | = 10.6  | 40                        | = 16  | HEPA        | = HEPA Level Air Filtration              |
| SG    | = Steamer                           | 48                      | = 12.68 | 50                        | = 20  | Tact        | = Triggered Airdraft Cleaning Technology |
| SGV   | = Steamer Vacuum                    | 50                      | = 13.21 | 175                       | = 69  | Te          | = Automatic Power Outlet                 |
| SG1   | = Gum Remover                       | 51                      | = 13.47 |                           |       | R           | = Ride-On Machine                        |
| AB    | = Air Blower                        | 60                      | = 15.85 |                           |       |             |  |
| BV    | = Backpack Vacuum                   | 68                      | = 17.96 |                           |       |             |  |
| CV    | = Upright Vacuum                    | 70                      | = 18.49 |                           |       |             |  |
| EB    | = Compact Sweeper                   | 75                      | = 19.81 |                           |       |             |  |
| BDS   | = Floor Machine                     | 80                      | = 21.13 |                           |       |             |  |
|       |                                     | 150                     | = 39.63 |                           |       |             |  |

**EXAMPLE:** KM 70/20 C = SWEEPER, 18.49 GALLONS / 8 INCHES CLEANING PATH / COMPACT

Please contact us for more information:

#### Kärcher U.S.A.

6398 N. Kärcher Way Aurora, CO 80019 U.S.A.

Tel. 888-805-9852 Fax 800-248-8409





@kaercher\_us\_professional



in karcher-us

**KarcherUSA**