

Flow Rate up to 30 GPM

Self-Contained and Fully Automated

Unique Oil-Attracting Coalescing Cones

Ozone Treatment

ETL Safety Certified

■ Reliable air valves, mounted atop each filter in automatic systems, routinely reverse the water flow **Backflushing** each filter with a high volume of water so it always operates at peak effectiveness.

■ The **Oil Skimmer** removes and separates floating oil and sends captured wastewater back to the collection pit.

■ A **Carbasorb Filter** uses up to 320 lbs. of degassed, virgin activated carbon for removal of low levels of pesticides, solvents, benzene, diesel fuel, acetone, and other hydrocarbons.

■ Durable **Steel Frame and Railing** is protected by an epoxy powder coat finish with a stainless steel option available for extra harsh conditions.

■ Nearly 1,000 lbs of a unique blend of gravel, garnet, sand and anthracite in the **Multi-Media Filter** provides advanced filtration of suspended solids to 30 microns, eliminating the need in some systems for cartridge filters.

■ There are two secrets to the CLP's effectiveness. One is the way 10 cone-shaped, oleophilic **Coalescing Plates** are stacked, providing up to 490 sq. ft. of oil-attracting surface area. The cone-shaped design forces the wastewater to the edges of the tank, which simulates water flowing from a 1½-inch pipe into a 4-ft. pipe. The reduction in velocity is dramatic! This slowing of the water flow enhances the settling and removal of suspended solids such as dirt.

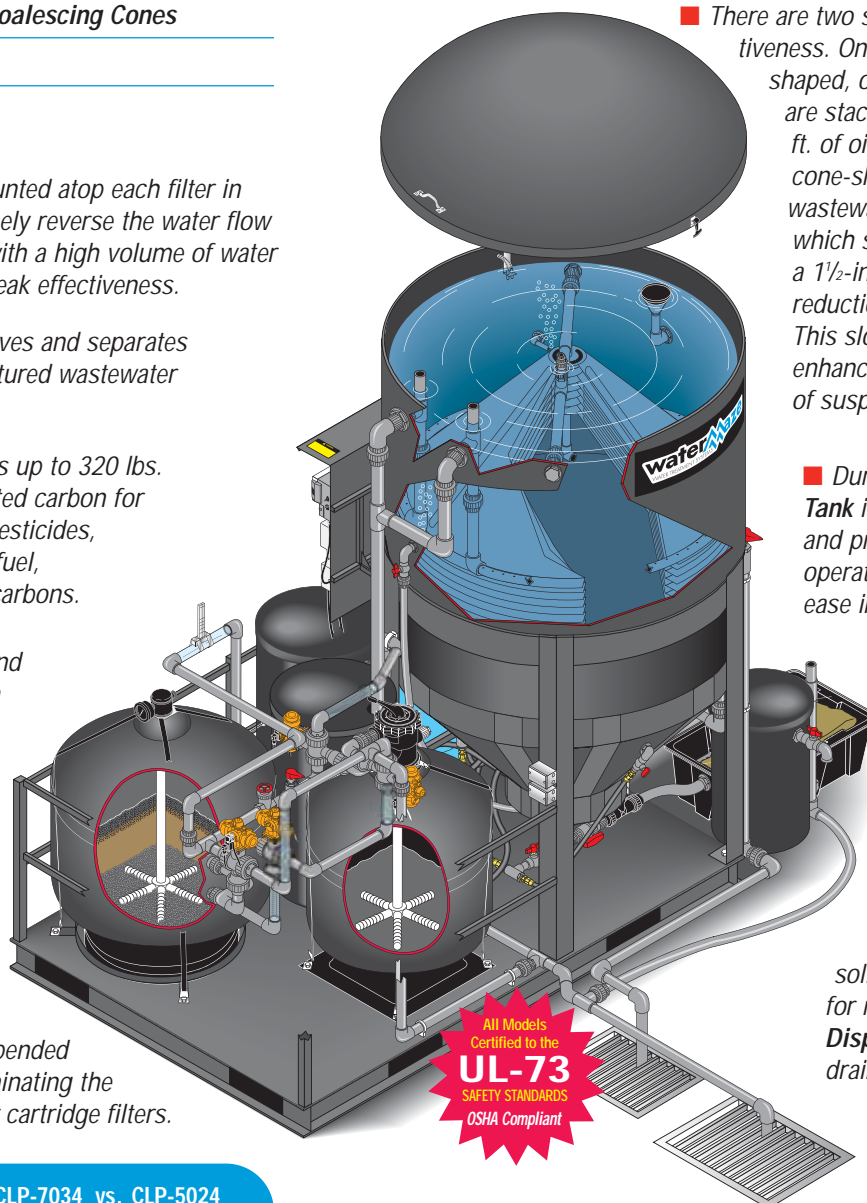
■ Durable **Chemical-Resistant Tank** is made of polyethylene and provides years of rust-free operation. It is cone-shaped for ease in disposing of sludge.

■ Reliable **Filter and Transfer Pumps** feature self-flushing seals, which reduce seal abrasion thus extending the life of each seal by as much as 50%.

■ A ball valve allows solids to flow into a container for mess-free **Sludge Disposal**. The wastewater drains back to the catch basin.

■ All new **Automatic Maintenance Controller** is a simple-to-operate PLC-based control center that automates back-flushing of the multi-media and carbon filters for extended filter life and, during off hours, it controls the ozone system and purging of solids in cone-bottom tank.

■ An automatic **Air-Actuated Valve** purges sludge from the cone-bottom tank at a rate of more than a gallon per second. This heavy-duty, non-plugging air valve routinely activates dumping the solids from the tank into a flat container where the water drains back into the sump and leaves the sludge to dry.



#### SYSTEM COMPARISON: CLP-7034 vs. CLP-5024

Feature	CLP-7034	CLP-5024
Flow Rate	1-30 GPM	1-10 GPM
Oil-Water Separator	600 Gal.	300 Gal.
Media Filter	950 lbs.	275 lbs.
Coalescing Pack Area	490 sq ft	250 sq ft
Ozone Generator	Series 400	Series 200
Dimensions (LxWxH)	108"x72"x110"	96"x61"x94"

# CLP

## Fully Automated Wash Water Treatment Systems for Recycling or Sewer Discharge

Flow Rate up to 30 GPM / Self-Contained / Unique Oil-Attracting Coalescing Cones / Ozone Treatment / ETL Certified



### REVOLUTIONARY CLP DESIGN

The CLP is the most advanced, efficient and self-contained mechanical filtration wash-water recycling system in its price range on the market.

The revolutionary CLP includes two models that are fully automated. The CLP's new Automatic Maintenance Control system uses an easy-to-operate PLC (Programmable Logic Control) to automatically backwash filters, dispense sludge and monitor and adjust pH and oxidizer levels resulting in cleaner water, reduced odor problems, lower maintenance costs and a smoother operation, to say nothing of the happier, more productive workers.

All CLP models are easy to install because they are pre-plumbed and self-contained on an all-steel platform protected by an all-weather powder coat finish.

#### Automated CLP Specifications

FEATURE	CLP-7034A,B,C	CLP5024A,B,C	FEATURE	CLP-7034A,B,C	CLP5024A,B,C
Maximum Flow Rate	1 - 30 gpm	1 - 10 gpm	Media Filter	950 lbs.	275 lbs.
Oil/Water Separator	600 gal.	300 gal.	Carbon Filter	320 lbs.	200 lbs.
Electrical Configuration:	(Voltage / Phase / Amps)		Ozone Generator	Series 400	Series 200
A	230V 1ph 30a	230V 1ph 18a	Coalescing Pack	490 sq.ft.	188 sq.ft.
B	230V 3ph 15a	230V 3ph 12a	Holding Tanks	65 gal.	40 gal.
C	460V 3ph 9a	460V 3ph 8a	Dimensions (L x W x H)	108" x 72" x 110"	96" x 61" x 94"
Compressed Air	3 cfm @ 60-100 psi	3 cfm @ 60-100 psi	Net Dry Weight (approx)	2,950 lbs.	1,850 lbs.
Transfer Pump	2 hp	1/2 hp			
Filter Pump	2 hp	3/4 hp			

### LANDA Northwest

PO Box 20037 ♦ Portland, OR 97294  
11811 NE Marx St ♦ Portland, OR 97220  
(800) 247-8103 ♦ (503) 255-6508  
[www.landanw.com](http://www.landanw.com)

**AVAILABLE OPTIONS:** ORP/pH advanced digital controller (2 pumps factory upgrade), sump pump, fiberglass collection pit and in-ground oil/water separator, corrosion-resistant stainless steel platform, carbon filter aeration kit, micro-bially enhanced pit management system, automated total dissolved solids (TDS) and total suspended solids (TSS) control.

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