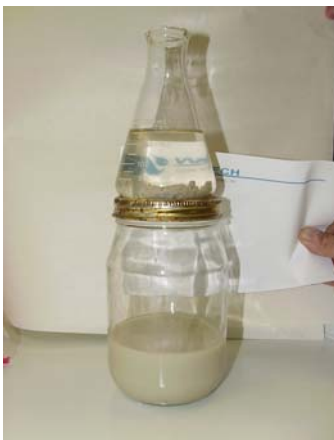


- ALPHA™ -
Model CWT100
Wash Water Treatment System



Applications

- 100 gallon volume or 2 gpm maximum throughput
- Pressure washer applications
- Wash stands, equipment washing areas, truck and equipment wash down applications, part washing and mop water
- Rinse water recycling or treatment before discharge to the sewer
- Removes heavy metals, oil, soaps and other contaminants below discharge limits
- Sludge may be non-hazardous and will typically meet or exceed the TCLP or STLC requirements.



Complete Water Treatment Package

Chemistry

- Designed for one step clay based separating agents
- Dry chemical available in 50 lbs sacks
- Clay based flocculants mix easily and produce large floc particles.
- Floc settles quickly and is removed with filter bags or automatic indexed paper filter bed.
- Sludge dewaterers easily requiring little labor

Standard Features

- Complete packaged unit
- Designed for non-technical operators
- All plastic, non-corrosive construction
- Automatic chemical loading and sequencing
- PP reaction tank with mixer
- Sludge separation using 4 filter bags
- PP holding tank for clean water
- Discharge Pump to pressure washer holding tank
- Automated PLC control with lights and switches
- Audible and visual alarms on panel
- Manual ball valves
- Small package footprint 38"x 82" x 66" high
- Complete NEMA 4X control panel
 - PLC control
 - Simple lights and switches
 - Automatic chemical dispensing
 - Pump control
 - Mixer control
 - Operational alarms

Options

- Stainless steel construction option
- Waste holding tank
- Secondary containment for the entire skid
- Ozone generator for sanitization
- Automatic indexed paper filter bed available
- Various communication options for remote monitoring
- Touchscreen as an operator interface
- Remote mounted control panel also available
- Sludge dewatering options

Operational Guidelines

- Semi-automatic operation
- Filter bags removed manually for dumping
- Wastewater must be filtered to remove large debris

Materials of Construction

- PP fabricated tanks and platform
- SS mixer shaft and propeller
- Skid Design for easy placement

Utility

- 115VAC, 1-Phase, 60HZ

Part #	Component	Tank Capacity (Gallons)	Description
480-250	Reaction tank	50 gallons	PP
480-200	Clean water Holding tank	100 gallons	PP
520-120	Plastic chemical dispensing tank	20 lbs	PP
525-200	Metal auger for dispensing chemical with variable speed motor control		
480-500	Mixer	1/2HP	SS
480-200	Filter bags	Four each	Rosedale
480-100	Level sensor		LLC
5102S-020	Manual ball valves		PVC
680-345	AOD Transfer Pump	1/2"	PP
660-400	Discharge Pump	¼ HP	PP
480-200	PLC Control Panel		NEMA 4X

