

*Making a positive impact on  
our environment for today  
and future generations.*



# WTR Series Recycle Systems

WTR Series Recycle Systems combine enhanced design with state-of-the-art technology to offer:

Quality recycled wash water without common odor problems | Easy operation and maintenance | Poly skid is constructed of hardened polymer to be non-corrosive and can be easily lifted and moved with a forklift | CSA approved control panel which meets the requirements of the US and Canadian standards for an Industrial Control Panel

### Features:

CSA listed NEMA-4 corrosion-proof control panel for safe and reliable operation | Pumps are easily accessible | Hose connectors are designed for easy accessibility and quick installation | 30-micron filters

All options can be added to the WTR Series after initial set-up.



WTR-10-0M10 shown with optional pH controller, WX-0130 and ORP controller, WX-0131



30-micron filters



Optional pH controller, WX-0130

The compact WTR Series water treatment systems are great for small wash bay set-ups. They are a cost-effective solution to filter wash water for reuse through a pressure washer or for proper disposal. These recycle systems are designed to remove free hydrocarbons and filter water to be sent back through a pressure washer or discharged into a sanitary sewer.

MODEL NUMBER	FLOW RATE	CARTRIDGE FILTERS	CARBON FILTER	FILTER PUMP	TRANSFER PUMP	PRODUCT TANK	PRESSURE TANK	POWER REQUIREMENTS	DIMENSIONS (LxWxH)	SHIP WT.
WTR-10-0M10	0-10 GPM	(2) 30-micron, 100 sq. ft.	110 lb.	1.0 HP	1/2 HP	80 gallons	20 gallons	208-230V, 1Ø, 15.0A	72in.x4ft.x5ft.	750 lb.
WTR-10-0M30	0-10 GPM	(2) 30-micron, 100 sq. ft.	110 lb.	1.0 HP	1/2 HP	80 gallons	20 gallons	208-230V, 3Ø, 8.0A	72in.x4ft.x5ft.	750 lb.

### Accessories:

PART NUMBER	DESCRIPTION	FITS MODELS
19-0274	Filter - Replacement filter for cartridge filter, 30-micron, 100 sq. ft., 2 filters needed	All models
33-0302	Activated carbon - Order per pound	All models
855-0046	Ozone - For specialized applications where sterilization of the waste stream is desired; 12 watts, 6 grams/day	All models

### Options:

PART NUMBER	DESCRIPTION	FITS MODELS
WX-0130	pH controller - For when pH adjustment is needed; 1.0A 48ml/minute chemical pump	All models
WX-0131	ORP controller - For when ORP adjustment is needed; 1.0A 48ml/minute chemical pump	All models
WX-0132	460V option - Upgrades 208-230V model to operate at 460V	WTR-10-0M30



# WTR Series

## Process & Flow Description



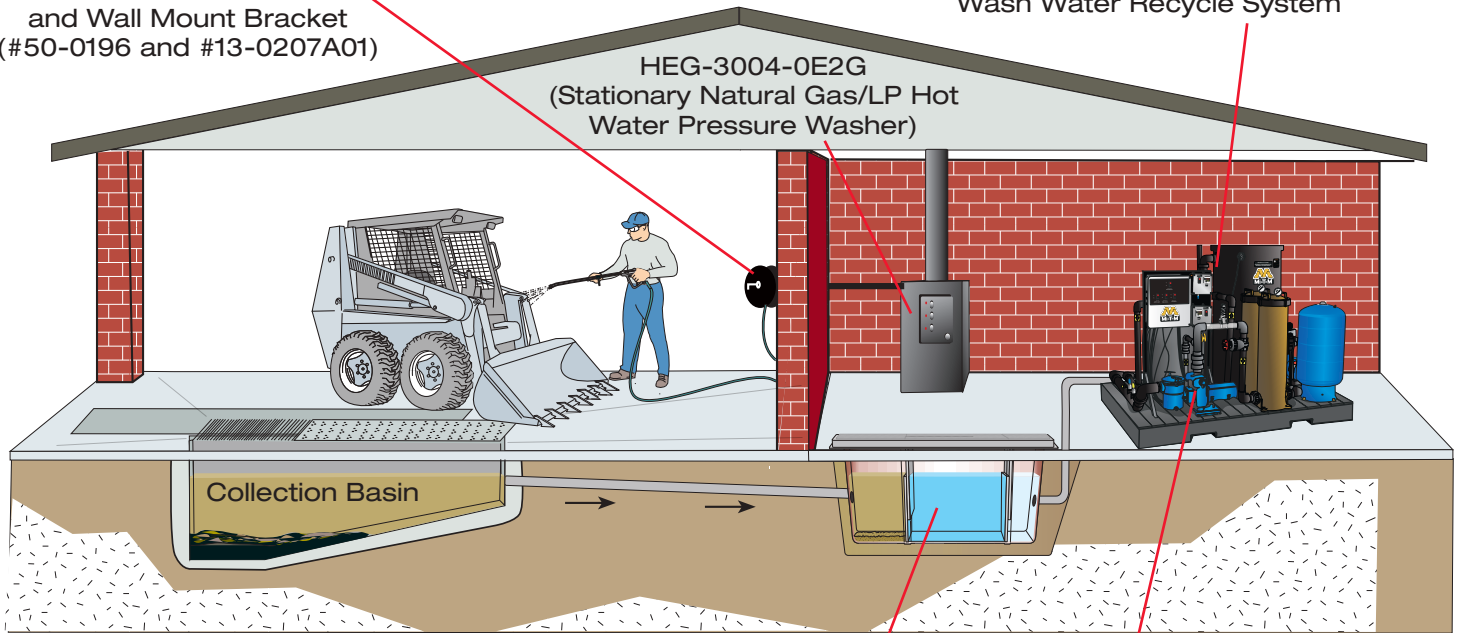
- 1. Surface-Mount Sump Pump** - Untreated wash water is introduced into the system via a 1.0 HP surface-mount sump pump, which is included and located on the unit.
- 2. Activated Carbon Filter** - The final treatment stage of the system occurs as the water is filtered through activated carbon which absorbs hydrocarbons, herbicides, pesticides, metals and dozens of other carbon-based constituents. Activated carbon also works as a polisher for treated water to remove chlorides.
- 3. pH Controller** (*Option #WX-0130*) - The automated pH control system keeps the water at an appropriate pH level so the germicide is effective at killing bacteria and controlling odor.
- 4. ORP Controller** (*Option #WX-0131*) - For longer term control of bacteria, the ORP injection system automatically measures and injects a germicide to control odor by killing odor-causing bacteria.
- 5. Cartridge Filter** - Designed to trap and remove solids from the water. Reusable 30-micron dual filters. Pressure gauge indicates when filters need to be changed or cleaned.
- 6. Treated Water in Holding Tank** - Once the water is treated, it is pressurized where it will be ready for reuse at 30-PSI to 50-PSI.
- 7. Electrical Control Panel** - NEMA-4 rated corrosion-proof control panel for safe and reliable operation, CSA listed.
- 8. Corona Discharge Ozone Injection** (*Accessory #855-0046*) - Wash water is injected with a high concentration of ozone via a corona discharge ozone injection system for a "quick kill" of live bacteria on contact. Ozone also breaks up emulsified oils, allowing them to coalesce. (*Hangs from back of control panel bracket.*)

# WTR Series

## Sample Equipment Wash Pad Application

Remote Box for Pressure Washer with Hose Reel and Wall Mount Bracket (#50-0196 and #13-0207A01)

Model #WTR-10-0M30  
Wash Water Recycle System



Model #12-0074  
3' x 9' Fiberglass  
3-Stage Collection Pit

Model #3-0328  
1.0 HP Surface-Mount Sump  
Pump Included with System

### The WTR Series is perfect for the following applications:

- Rental Yards
- Heavy Equipment Dealers
- Trucking Facilities
- Military Bases
- Truck Rental Fleets
- Diesel Repair Facilities
- Forklift Washing Operations
- Aircraft Maintenance and Restoration
- Shipyards
- Municipalities/State DOTs
- Oil Fields
- Engine Rebuilders and Manufacturers

### Additional Options:

- Ozone
- pH controller
- ORP controller
- 460V
- Stainless-steel water/oil separator tank
- 300 or 600-gallon WTA settling tanks

Consult dealer for more information.

### The Importance of a Proper Pit System

Once equipment is washed, the untreated wash water flows into your pit system. A proper pit system for your application is the first step in proper wash water treatment and a critical element in any wash water recycle system.

Consult your dealer to determine the pit system configuration that works best for your application.



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