



WTR Series



Mi-T-M Water Treatment Systems provide a better tomorrow by protecting our environment today. 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 proper disposal.

WTR Series Recycle Systems

Mi-T-M's 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.

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 from all sides
- CSA approved control panel which meets the requirements of the US and Canadian standards for an Industrial Control Panel

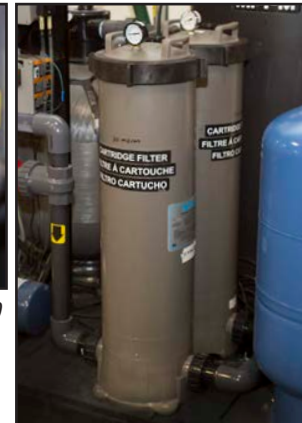
Features:

- 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; the connectors are clearly marked
- 5 and 30-micron filters

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



Optional pH controller, WX-0130



5 and 30-micron filters



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

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	(1) 5-micron, 100 sq. ft. (1) 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	(1) 5-micron, 100 sq. ft. (1) 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 #19-0632, 30-micron, 100 sq. ft., 1 filter needed	All models
19-0282	Filter - Replacement filter for #19-0632, 5-micron, 100 sq. ft., 1 filter 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

Process & Flow Description

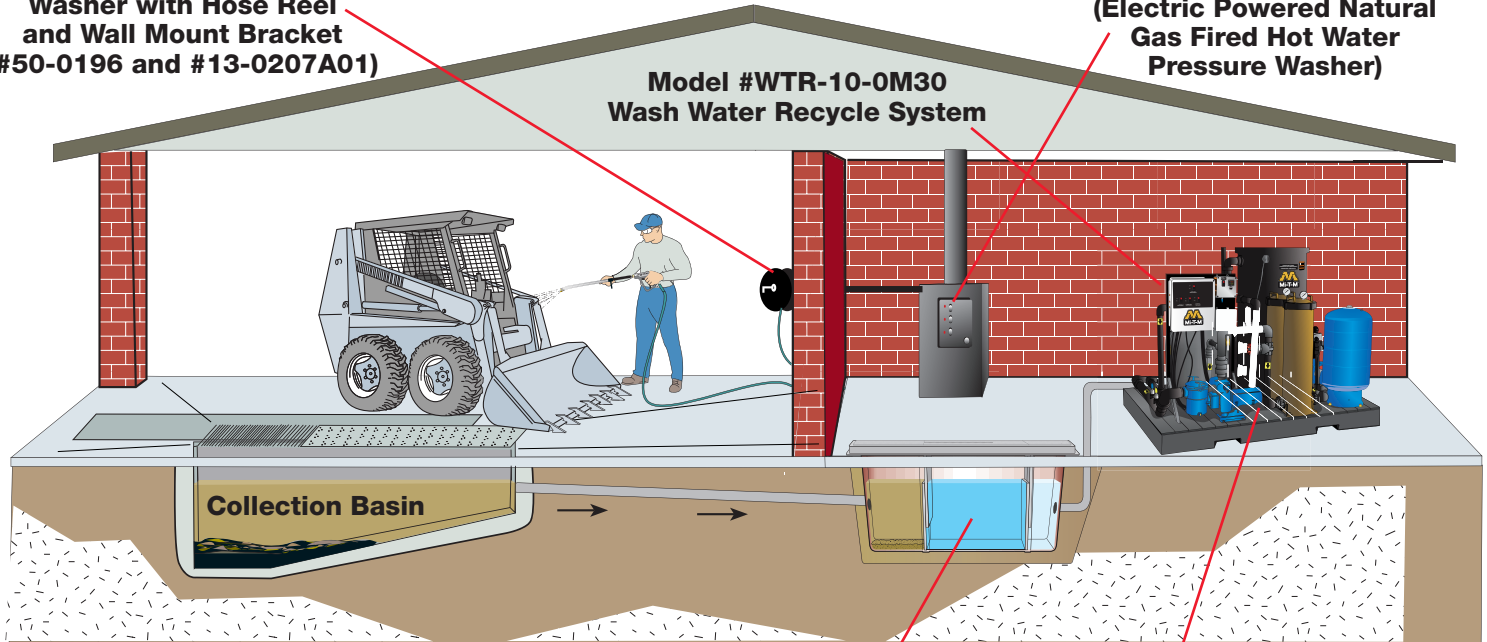


- 1. Surface-Mount Sump Pump** - Untreated wash water is introduced into the system via a 1.0 HP surface-mount sump pump, which is included and located on the unit.
- 2. Activated Carbon Filter** - The final treatment stage of the system occurs as the water is filtered through activated carbon which 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 5 and 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.)

Sample Equipment Wash Pad Application

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

HEG-3004-0E2G (Electric Powered Natural Gas Fired Hot Water Pressure Washer)



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 factory 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 Mi-T-M Corporation or your local distributor to determine the pit system configuration that works best for your application.



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