



NEMA-4 rated corrosion-proof control panel for safe and reliable operation.

WLP 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. It can also be easily lifted and moved with a forklift from all four sides.

Hose connectors are designed for easy accessibility and quick installation; the connectors are clearly marked.



Filter pumps are easily accessible.



WLP-20AB-0M10

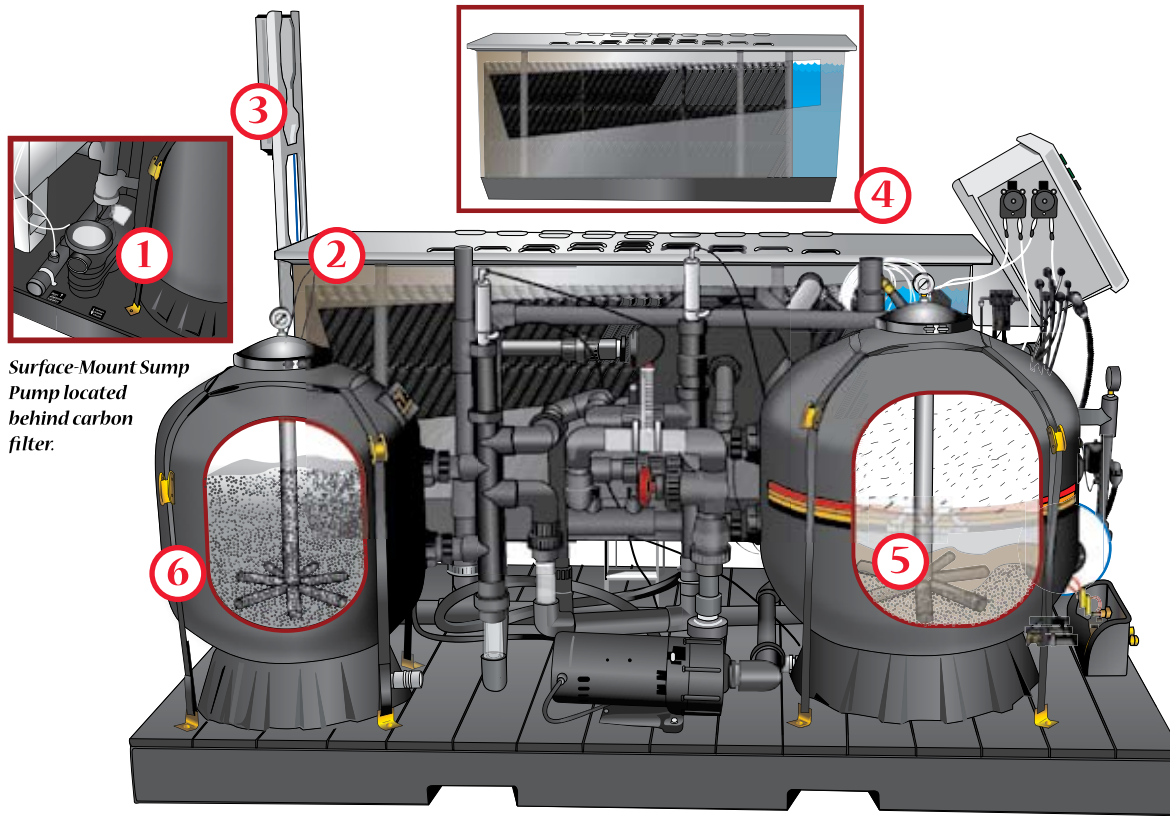
| Model # | Flow Rate | Media Filter | Cartridge Filter | Carbon Filter (Degassed) | Power Requirements | Air Required | Dimensions L x W x H | Shipping Weight |
|----------------|-----------|---------------------|------------------|--------------------------|--------------------|--------------|----------------------|-----------------|
| WLP-08-0M10 | 0-8 GPM | Custom Mix 350 lbs. | 120 sq.ft. | 170 lbs. | 230V, 1Ø, 15 amps | - | 6' x 5' x 52" | 1,475 lbs. |
| WLP-20-0M10 | 0-20 GPM | Custom Mix 525 lbs. | 450 sq.ft. | 220 lbs. | 230V, 1Ø, 18 amps | - | 8' x 5' x 52" | 2,050 lbs. |
| WLP-20AB-0M10* | 0-20 GPM | Custom Mix 525 lbs. | - | 220 lbs. | 230V, 1Ø, 18 amps | 60-100 PSI | 8' x 5' x 52" | 2,050 lbs. |
| WLP-30-0M10 | 0-30 GPM | Custom Mix 525 lbs. | 450 sq.ft. | 220 lbs. | 230V, 1Ø, 25 amps | | 8' x 5' x 52" | 2,100 lbs. |
| WLP-40-0M10 | 0-40 GPM | Custom Mix 900 lbs. | 600 sq.ft. | 300 lbs. | 230V, 1Ø, 35 amps | | (2) 8' x 5' x 60" | 3,000 lbs. |
| WLP-40AB-0M10* | 0-40 GPM | Custom Mix 900 lbs. | - | 300 lbs. | 230V, 1Ø, 35 amps | 60-100 PSI | 7' x 9' x 60" | 3,100 lbs. |

*Includes auto backwash



Recommended Mi-T-M Air Compressor **AC1-HE02-05M1** for use with the auto backwash. Consult your Mi-T-M Authorized Dealer for specifications.

WLP Series Process Flow & Description



Surface-Mount Sump Pump located behind carbon filter.

1. Surface-Mount Sump Pump: Untreated wash-water is introduced into the system via a ¾ HP surface-mount sump pump (included with system), located on the unit.

2. Advanced Oil/Water/Solids Separator: As the water flows through the three-stage oil/water/solids separator, it changes directions countless times as the water is directed and redirected through four horizontal baffles, and hundreds of square feet of honey-combed-shaped meshed oleophilic (oil attracting) coalescing media. Mechanically, emulsified oil particles are attracted from the water to the oleophilic media, and float to the surface. Once on the surface, the oil is skimmed off into an oil decanter for easy disposal. Fine silt and particulates are dropped to the bottom of the sloped stainless steel tank for easy flushing and disposal of the accumulated solids.

3. Corona Discharge Ozone Injection: As the wash-water is pumped into the oil/water/solids separator, it is injected with a high concentration of ozone via a corona discharge ozone injector system for a “quick kill” of live bacteria on contact.

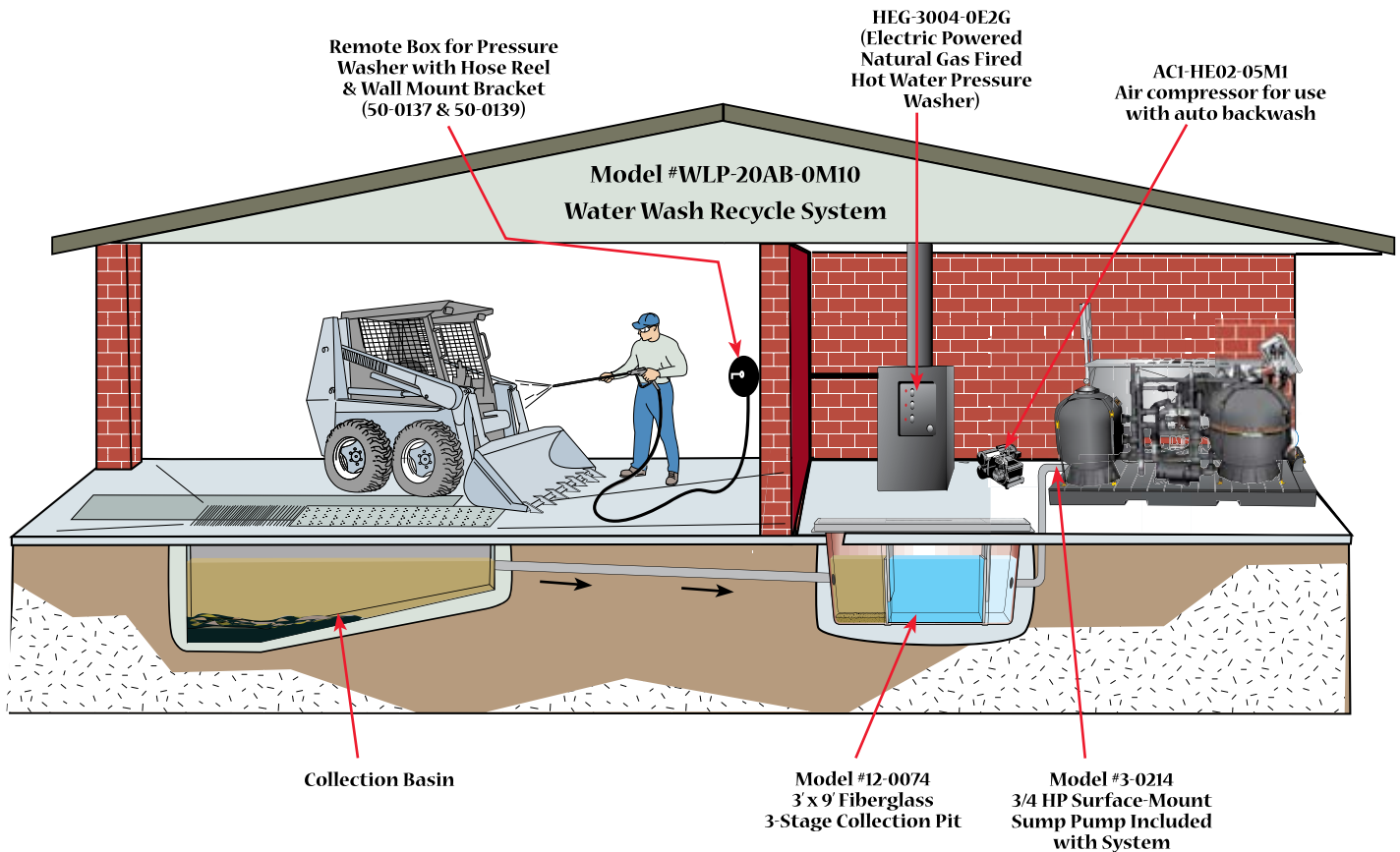
4. ORP/pH Controller: For longer term control of bacteria, the ORP injection system automatically measures and injects a germicide to control odor by killing odor-causing bacteria. The automated pH control system keeps the water at an appropriate pH level so the germicide is effective at killing bacteria and controlling odor.

5. Customized Multi-Media Filter: Once the water has been treated for oil and solids removal, it is then pushed through a customized multimedia filter which contains a special media blend to filter out particulates larger than 25 microns.

6. Activated Carbon Filter: The final treatment stage of the system occurs as the water is filtered through activated carbon which adsorbs hydrocarbons, herbicides, pesticides, metals, and dozens of other carbon-based constituents. Activated carbon also works as a polisher for treated water to remove chlorides.

Treated Water in Pressurized Container: Once the water is treated, it is held in a pressurized container where it will be ready for reuse at 30 PSI to 50 PSI.

Sample Equipment Wash Pad Application with Recycle System



The WLP 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 & Restoration
- Shipyards
- Municipalities/State DOTs
- Oil Fields
- Engine Rebuilders & Manufacturers

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 washwater recycle system.

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