



Operating instructions for our...  
**#OWS with Filtration for Re-Use**



- 1.** Each **Inlet** accepts water at to 10 gpm max. Multiple inlets can be used when fed from multiple sources. 2 inlets are standard. A cleanable 200, 150, or 100 micron bag filter removes larger debris from the incoming water flow. Overfill shutdown is available.
- 2.** **OilPhyllic** fibers in the middle chambers separate oil quickly as water passes through the millions of oil-attractive fibers.
- 3.** **Auto-pump-out in 3<sup>rd</sup>** chamber kicks out the processed water through the cartridge filters, into a holding tank for re-use, or into the closest sanitary sewer as required. (115vAC required.) A secondary pump-out can be added for overflow protection and cleanout convenience.
- 4.** **Cartridge filters** remove solids down to 20, 10 or 5 microns, and some can be rinsed for re-Use. Especially if pre-treated with StarCrystals... They coat the filter making it easier to rinse..
- 5.** **3-way ball valve** at outlet can allow direct dump to sanitary sewer, OR recycle for re-Use.
- 6.** **Drain Valve** allows easy cleanout of the OWS tank into an approved sump.

**How it works...**

“Wicking Action” separation is a very efficient filtration method per cubic foot. It greatly **increases** the amount of wash water you can process with portability, simplicity, and low cost. As wash water is pumped from your wash water recovery system, the **OilPhyllic** fibers in the OWS separate oils and solids in the easy-to-clean tank. Output of the OWS contains much fewer solids, extending the capacity of the downstream cartridge filters. This system only requires simplistic maintenance...

Drain the OWS tank, pull the OilPhyllic fiber-pad out, and pull the cartridge filters for rinse-off in an approved wash-bay for sedimentation, or into bag-filters for dewatering. Dispose of solids as allowed by local laws. In some areas... the closest lawn, or flower-bed is fine. ... Mineral water with surfactants is “fertilizer.” ..just on what you’re pumping, and the laws in your area. (More filtration can be added.. call us for details.)

**Assembly...**

As shown above, the **OWS** is secured for safe transport, but positioned for serviceability. Connections are made with “camlock” couplings at the filter inlet, and at the outlet valve. The auto-pump-out requires 115vAC @ 1500 watts. Inlet and outlet connect hoses are 1¼” id nybraid with stainless steel hose clamps for serviceability. Output side has camlock couplers. 1½” discharge hose is available for over 15 gpm rates as needed.

**Add-ons...**

When floating oil appears in the OWS, floating oil-absorbent socks are available, for simplistic disposal. For wash-bay applications with extreme oil-loads... add our OilConverter socks or an oil skimmer. A CarbonFilter can also be added after the cartridge filter when dissolved oils or solvents are an issue.

**Questions ?... Call us at 800-400-2532 or your local dealer for answers. We like to help.**