



***Special Cleaning Wand Enables MSR Coalescing Modules  
To Be Cleaned In Place***

MSR oil-water separator modules are provided with extra-large solids dump holes to make them largely self-cleaning. Even self-cleaning packs can become plugged with solids under difficult conditions. MSR Coalescing modules are designed so that they can be cleaned in place to remove accumulations of particles.

Unlike other plate type separators that are often provided in large modules which must be lifted out of the separator by a crane when contaminated with dirt, MSR coalescing plates are provided in small easy to handle modules. The modules can either be removed for cleaning or cleaned in place. Removing the modules is not recommended except under extreme solids contamination conditions because it may be possible to damage the packs during removal or reinsertion.

MSR modules are designed to be cleaned in place with the special cleaning wand and city water pressure. The wand has an ordinary garden hose connection and is equipped with a small conical strainer in the connection so that solids in the inlet water will not clog the holes in the end of the cleaning wand. In the event that this strainer is lost or fails, the wand is provided with a screwed plug in the end, which can be removed to facilitate wand maintenance. The MSR Cleaning wand is constructed of non-corrosive stainless steel and other non-corrosive materials. A heavy-duty brass hose connection and PVC valve are provided to ensure long service life.

The wand has numerous spray holes and provides a specially designed spherical water spray that impacts both the top and undersides of the coalescing plates to give a strong cleaning action.



#### **DIRECTIONS FOR USING THE MSR CLEANING WAND:**

MSR modules may either be cleaned in place or removed and cleaned. To clean the packs, first stop the flow to the unit, remove the accumulated oil, and drain the water.

To clean the modules in place, connect a pressure water hose (at least 60 psig) to the special cleaning wand. Ensure that the wand ball valve is closed and open the water source valve. A vacuum truck or other means of disposing of the sludge and dirt in the separator should be provided. Using the wand ball valve, turn on the water to produce a spray from the wand. Insert the tip of the wand slowly into each solids dump hole of the plate pack, starting at the upstream end. As the water flushes the dirt out of the plate packs it should be removed by the vacuum hose or other means.

For cleaning outside of the separator, remove plate packs and seals. Flush with hose and cleaning wand and remove the resulting water/oil/solids mixture.

Please note: The spray wand produces a strong spray. Operators should wear waterproof clothing and goggles or face masks in addition to any other protective clothing required by laws or regulations. **REMEMBER: SAFETY IS THE SOLE RESPONSIBILITY OF THE USER.**

Notes :

MSR Cleaning wands are available in various lengths to suit different applications. The standard length is 6 feet, and the corresponding part number is Part No. 3001. Please consult the factory for other lengths.

The standard MSR cleaning wand is not recommended for use with either hot water or steam.

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