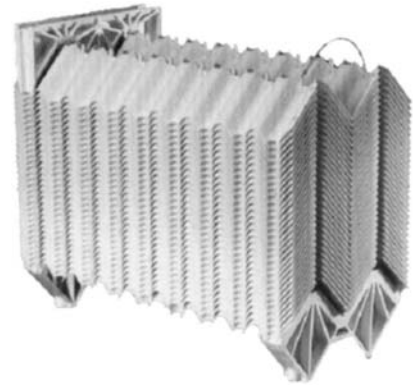


## MPak®



FACET'S NEW HIGH-PERFORMANCE MPak® COALESCING PLATES PROVIDE SUPERIOR PERFORMANCE IN REAL-WORLD ENVIRONMENTAL CLEAN-UP

Facet's patented MPak® coalescing plates are designed to separate oil and solids from water using the differences in their specific gravities. They are provided with integral moldings that ensure the spacings are accurately controlled while at the same time promoting the transfer of solids to the bottom of the installation.

The plates can be assembled into packs which are securely held together by molded polypropylene supports with either stainless steel wires or rods. The pack modules are designed to be supported in such a way as to provide integral sumps for solids retention. This construction makes them eminently suitable for use in retrofit as well as new applications.

### FEATURES

- Performance guarantee - reduces oil contamination to limits as low as 5 ppm
- Most efficient oil removal available
- Virtually self-cleaning - solids fall to the bottom, oil weeps to the top
- Modular construction - retrofits existing API separators and tanks
- New support system - allows access for solids removal
- 1/4", 1/2" and 3/4" spacing - most efficient oil removal available
- Computer sizing - guarantees effluent quality

### STANDARD DESIGN FEATURES

- Operating temperature 40°F to 208°F (4°C to 98°C)
- pH range from 2 to 12
- Oleophilic material
- Surface area per 2 ft<sup>3</sup>: 186 ft<sup>2</sup> (0.056 m<sup>3</sup>: 17.27 m<sup>2</sup>) is greater than any competitor
- Choice of spacing available using the same plate design.

### APPLICATIONS

Facet's MPak® coalescing plates have hundreds of environmental applications, including:

- Rainwater run-off clean-up
- Maintenance washdown clean-up
- Heavy equipment and transportation washdown facilities
- Groundwater remediation clean-up
- Machine tool coolant recovery
- Manufacturing facility effluent water
- Oil refinery/storage terminal effluent water
- Offshore and onshore oil production facilities
- Marine applications
- General industry



## MPak<sup>®</sup> Cleaning Wand

### Enables Facet Plate Packs to be cleaned in place

Facet MPak<sup>®</sup> oil-water separator plate packs are self-cleaning, but even self-cleaning packs can become plugged with solids under adverse conditions. For this reason, they are designed so that they can be cleaned in place to remove accumulations of solid particles

Plate type separators that are provided in large modules must be lifted out of the separator by a crane when contaminated with dirt. This is inconvenient and expensive, and it is possible to damage the packs during removal or reinsertion

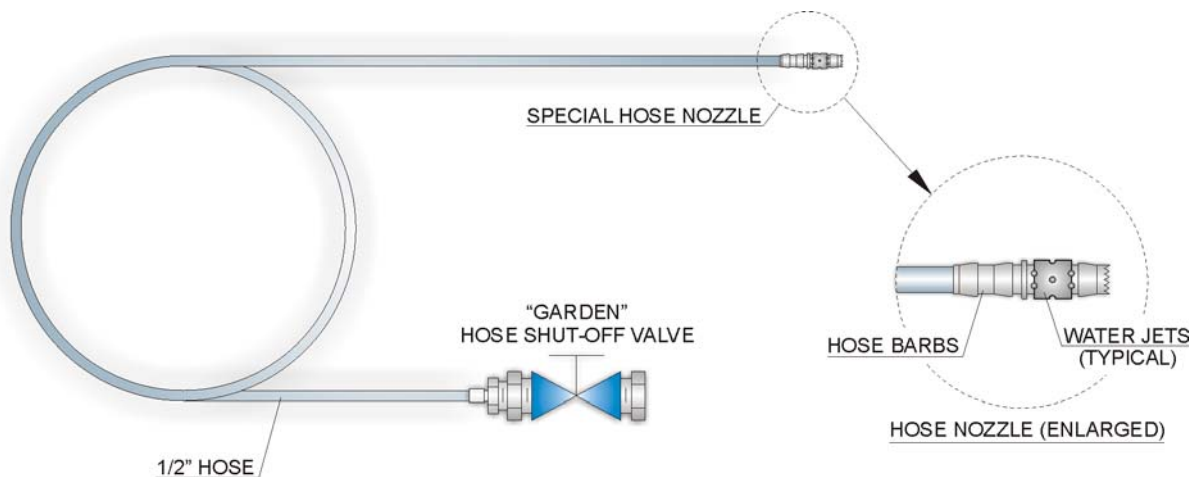
Facet MPak<sup>®</sup> plates are designed to be cleaned in place using a special cleaning wand and city water pressure. The wand has a connection just like an ordinary garden hose and is equipped with a small conical strainer in the connection so that solids in the inlet water will not clog the cleaning holes.

#### DIRECTIONS FOR USING CLEANING WAND

Facet MPak<sup>®</sup> plates may either be cleaned in place or removed and cleaned. To clean the packs, first stop the flow to the unit, remove the oil, and drain the water.

For cleaning in place, connect a pressure water hose (at least 60 psig) to the special cleaning wand. Provide a vacuum truck or other means of disposing of the sludge and dirt in the vessel. Turn on the water to produce a spray from the wand and insert the tip of the wand slowly into each 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 directed to an oil water sewer if one is available.

For cleaning outside of the vessel, remove plate packs and other internals (except bolted-in internals). Flush with hose and cleaning wand to oil water drain.



Please Note: The spray wand produces a vigorous spray. Operators should wear waterproof clothing and goggles or face masks.