

Facet's new Model MCP Oil Water Separators are versatile, compact, high efficiency units designed for small flow rates. They are complete with a simple and reliable pneumatic pump to bring the liquid into the separator and Facet's patented MPak® coalescing plate technology to remove the oil from the water. Each separator has a small oil reservoir to accumulate the unwanted oil for disposal and an alarm system to alert the operator it is time to remove the oil. Two sizes are available. Optional wheels make easy to roll the MCP from one task to another within the plant.

Applications

The MCP separators are great for use in removing tramp oils from machine tool coolants, floor washing or parts washing water garages, auto dealers, or other equipment service facilities. They can even be used for (land-based) processing of oily bilge water from boats. In most any situation where there is a relatively small quantity of water containing unwanted oils a MCP unit can be a cost effective, space effective solution to the problem. And the MCP unit uses no filter cartridges or other disposables to increase costs and cause disposal problems. The recovered oil can sometimes be reused or recycled.

Operation Description

The MCP unit pumps the contaminated water through the patented MPAK plate pack. As the water passes through the plate pack, oil droplets in the water rise up and meet the undersides of the plates, where they are removed from the water. The droplets eventually coalesce and form large drops which rise to the surface and are automatically skimmed off of the surface into the oil reservoir. Cleaned water passes through the plates and exits the separator. After the liquid is pumped into the system, the operation of the separator is purely by gravity – clean, efficient, and very reliable.

Options

- Available in two sizes: 1,6 gpm and 3,2 gpm nominal flow rates
- Floating inlet skimmers and level switches for use in sumps
- Wheels for easy portability
- Alarm bell in addition to standard alarm light

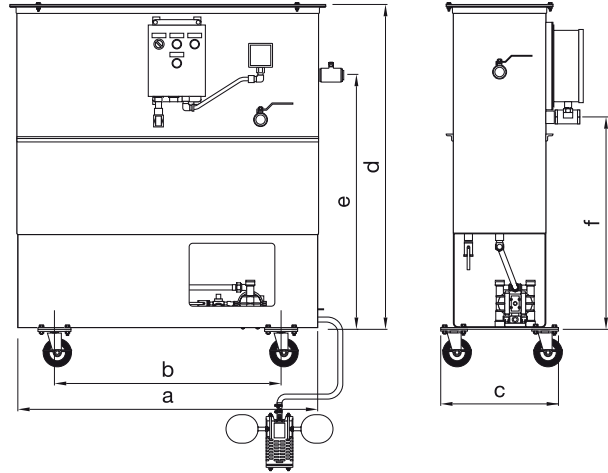
MCP Series Oil Water Separators

Specifications

- Inlet connection: 3/8" (10 mm) hose type
- Outlet connection: 1" (45 mm) NPT
- Drain connection: 1" (45 mm) NPT
- Oil drain: 1" (45 mm) NPT
- Electrical: 110-120 - 220 Vol. AC
- Pump: Pneumatic

Standard Materials

- Vessel and Stand: Carbon Steel
- Coating: Flexible Epoxy
- Coalescing Plates: Calcium Carbonate-filled Polypropylene



MODEL	MAX FLOW		SHIP WEIGHT		a		b		c		d		e		f	
	gpm	lpm	lbs	kg	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
MCP-11	1.6	6.0	590	267	42	1067	30	762	16	406	36	914	30½	775	23½	600
MCP-12	3.2	12.0	670	304	42	1067	30	762	16	406	48	1219	34½	877	32½	825

All dimensions are for estimating purposes only.