CM100 Series
Coalescer Cartridges
Qualified to EI 1581, 6th Edition, Category M100

For Maximum Water Coalescing Efficiency And Solids Holding Capacity

Facet CM100 Series coalescer cartridges offer the finest performance available. This line of high flow coalescer cartridges removes ultra-fine solids and enhances separation of water from aviation fuel.

The Facet coalescer separator housings equipped with CM100 Series coalescer and companion separator cartridges have been tested and fully qualified to EI 1581, 6th Edition, for category "M100", in both vertical and horizontal orientations.

Built for balanced fluid flow-thru and structural strength, each CM100 Series coalescer cartridge is a single piece construction of various combined media, precisely arranged in many layers and pleats, wrapped around a coated, perforated metal center tube- all encased in an outer sock material. All are 6" OD (152 mm) by 3½" ID (89 mm) and available in standard interchangeable nominal lengths in increments from 11¼" (290 mm) to 57¼" (1450 mm).

The CM100 Series 5 coalescer cartridges are available in two cartridge mounting styles; self-centering rod mount and screw base. The rod mount style has treated metal end caps, while the screw base ends are injection molded, glass-filled nylon. This screw base material offers superior strength and ease of maintenance-uniform threads, no shrinkage, no galling and no gasket to recover.

A permanently affixed Buna gasket seals against the V-type knife edge mounting adaptor to provide a positive seal. It will not separate from the cartridge during installation or change out.

Standard Design Features

- Qualified to the 6th Edition of EI 1581 for all category "M100"
- Multi-layered media for increased solids holding capacity
- Ultra-fine solids removal
- Maximum water coalescence
- Balanced cartridge flow characteristics
- Recommended maximum operating temperature: 240 °F (115 °C)
- Withstands excess of 75 psi (5.17 bar) differential pressure
- pH range from 5 to 9
- Choice of self-centering rod or screw base coalescer cartridge mounting styles

Materials

- All metal components are treated against corrosion
- Screw base ends are injection molded, glass-filled nylon with locked-in gaskets
- Buna-N gaskets-other materials are available upon request

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DATA

MODEL NUMBER	NOMINAL LENGTH		OUTSIDE DIAMETER		INSIDE DIAMETER		MOUNTING STYLE
	in	mm	in	mm	in	mm	
CM100-11-5	11¼	290	6	152	3½	89	Rod
CM100-14-5	14½	370	6	152	3½	89	Rod
CM100-14SB-5	15	380	6	152	3½	89	Screw Base
CM100-22-5	22¼	560	6	152	3½	89	Rod
CM100-22SB-5	23	580	6	152	3½	89	Screw Base
CM100-28-5	28¾	730	6	152	3½	89	Rod
CM100-28SB-5	29	740	6	152	3½	89	Screw Base
CM100-33-5	33¼	840	6	152	3½	89	Rod
CM100-33SB-5	34	860	6	152	3½	89	Screw Base
CM100-38-5	38	960	6	152	3½	89	Rod
CM100-38SB-5	39	990	6	152	3½	89	Screw Base
CM100-43-5	43¼	1100	6	152	3½	89	Rod
CM100-43SB-5	45	1140	6	152	3½	89	Screw Base
CM100-56-5	56¼	1430	6	152	3½	89	Rod
CM100-56SB-5	57	1450	6	152	3½	89	Screw Base

NOTE: The Facet screw base adaptor part number is 677453A-AM.

Authorized Distributor

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