

## 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 jet fuel.

The Facet coalescer separator housings equipped with CM100 Series coalescer and companion separator cartridges have been tested and fully qualified to EI 1581, 6<sup>th</sup> Edition, for category "M", 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 3.5" ID (89 mm) and available in standard interchangeable nominal lengths in increments from 11.25" (290 mm) to 57.25" (1450 mm).

The CM100 Series 6 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 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 Sixth Edition of EI 1581 for all category M
- 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 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 on request

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**DATA**

MODEL NUMBER	OUTSIDE DIAMETER		INSIDE DIAMETER		NOMINAL LENGTH		MOUNTING STYLE
	in	mm	in	mm	in	mm	
CM11	6	152	3½	89	11¼	290	Rod
CM14	6	152	3½	89	14½	370	Rod
CM14SB	6	152	3½	89	15	380	Screw Base
CM22	6	152	3½	89	22¼	560	Rod
CM22SB	6	152	3½	89	23	580	Screw Base
CM28	6	152	3½	89	28¾	730	Rod
CM28SB	6	152	3½	89	29	740	Screw Base
CM33	6	152	3½	89	33¼	840	Rod
CM33SB	6	152	3½	89	34	860	Screw Base
CM38	6	152	3½	89	38	960	Rod
CM38SB	6	152	3½	89	39	990	Screw Base
CM43	6	152	3½	89	43¼	1100	Rod
CM43SB	6	152	3½	89	45	1140	Screw Base
CM56	6	152	3½	89	56¼	1430	Rod
CM56SB	6	152	3½	89	57	1450	Screw Base

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