CMHF Series Coalescers

Qualified to EI 1581, 7th Edition, Category M, Type S-LW

EI 1581
Cat. M

High-Flow Fuel-Water Separation for Category M Aviation Fuels

The Facet CMHF Series is engineered for mission-critical aviation fuel systems, delivering superior fuel-water separation, ultra-fine solids removal, and industry-leading flow rates.

Key Features

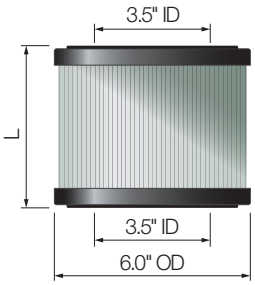
- Qualified to EI 1581 (7th Edition) for Category M, Type S-LW applications in horizontal configurations when combined with Facet SMHF separator cartridges in Facet coalescer-separator housings
- Up to 3x more dirt-holding capacity than Type S-M options, extending service intervals and reducing maintenance costs
- Optimized media geometry and balanced cartridge design maximizes throughput while minimizing pressure drop
- Multi-layered media captures ultra-fine solids and coalesces water for rapid separation, protecting downstream equipment
- Permanently affixed gasket maintains positive seal through installation and changeout cycles

Specifications

- **Outside Diameter:** 6" (152 mm)
- **Inside Diameter:** 3.5" (89 mm)
- **Max Operating Temperature:** 240 °F (115 °C)
- **Max Differential Pressure:** 75 psi (5.17 bar)
- **pH Range:** 5 to 9
- **Flow Direction:** Inside to Out
- All Materials of Construction are Compatible with EI 1589

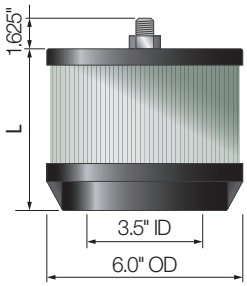
Mounting Styles

Self-Centering Rod Mount: Epoxy-coated end caps designed for structural rigidity and corrosion resistance



Model Number	Nominal Length
CMHF-14	14½" (368 mm)
CMHF-22	22¼" (565 mm)
CMHF-24	24¾" (629 mm)
CMHF-28	28¾" (730 mm)
CMHF-33	33¼" (845 mm)
CMHF-38	38" (965 mm)
CMHF-43	43¼" (1,099 mm)
CMHF-56	56¼" (1,429 mm)

Screw Base Mount: Injection-molded, glass-filled nylon end caps provide superior strength and ease of maintenance—uniform threads, no material shrinkage, and no thread galling



Model Number	Nominal Length
CMHF-14SB	13⅜" (340 mm)
CMHF-22SB	21⅝" (549 mm)
CMHF-24SB	23⅜" (594 mm)
CMHF-28SB	27⅜" (695 mm)
CMHF-33SB	32⅜" (822 mm)
CMHF-38SB	37⅜" (949 mm)
CMHF-43SB	43⁹⁄₁₆" (1,106 mm)
CMHF-56SB	55⅝" (1,407 mm)