

CM Series  
Coalescer Cartridges for  
Aviation Applications  
VCS or HCS Series Coalescer Separators



*For Maximum Water Coalescing  
Efficiency And Solids Holding Capacity*

CM 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.

Built for balanced fluid flow-thru and structural strength, each CM 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." ID (89 mm) and available in standard interchangeable nominal lengths in increments from 11." (290 mm) to 57." (1450 mm).

The CM Series 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*

- Multi-layered media for increased solids holding capacity
- Ultra-fine solids removal
- Maximum water coalescence
- Balanced cartridge flow characteristics
- Recommended maximum operating temperature: 115 oC
- 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