

## Industry's Broadest Selection of Coalescer Cartridges Used for Separating Immiscible Liquids with Different Densities

- **Proven field performance** – billions of gallons of hydrocarbons processed to exacting requirements.
- **Wide selection** – interchanges available for most other manufacturers' models.
- **Optimum use of filter area** – gives high flow capacity and long life.
- **Rugged construction** – assures performance in the toughest environment.
- **Choice of various media** – allows best selection for individual applications.
- **Custom design available** – provides special cartridges for unique water removal problems.

### GENERAL DESCRIPTION

Standard Velcon construction features include aluminum tubes to prevent corrosion, aluminum or glass filled nylon endcaps with epoxy adhesive to assure a thorough bond to the media, and Buna-N gaskets to give positive sealing. For special applications, different materials can be used for the tubes, endcaps and gaskets. A knitted sock is also put on each cartridge to enhance the drop size.

Media come in two basic types – all fiberglass and pleated media/fiberglass. By combining various grades of media materials, the optimum balance can be achieved for each application.

In addition to removing liquids, the coalescer cartridge acts as a high efficiency filter. This gives both a dry and dirt-free effluent



All fiberglass  
coalescer

Pleated/fiberglass  
coalescer

### APPLICATIONS

- Jet Fuel
- Insulating Oil
- Diesel Fuel
- Turbine Lube Oil
- Gasoline

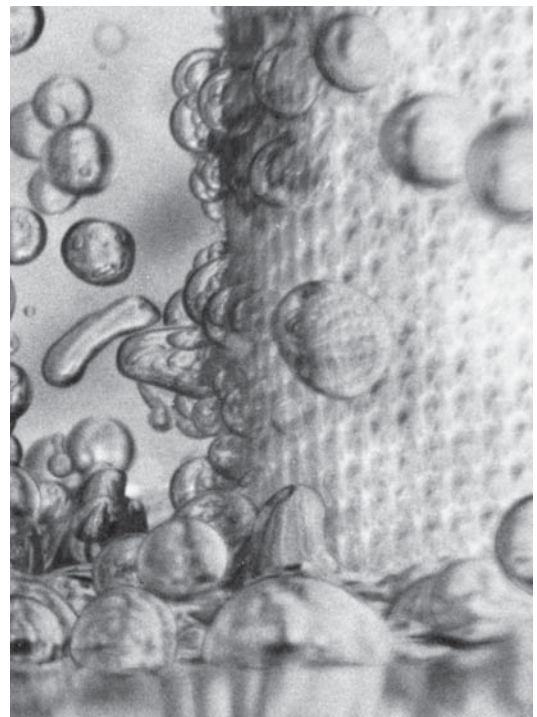
The table below lists some of the coalescers commonly used in industrial applications. Your local Velcon representative can provide complete information on other sizes and types.

Model	Diameter	Length	Media	End	Use/Interchange
CA-62202	6"	22 <sup>1</sup> / <sub>4</sub> "	Fiberglass	Open	Petroclar (10 micron)
CA-62206	6"	22 <sup>1</sup> / <sub>4</sub> "	Fiberglass	Open	Petroclar (2 micron)
CA-64485	6"	44"	Pleated/ Fiberglass	Open	Keene K2000
CC-62283	6"	22 <sup>1</sup> / <sub>4</sub> "	Pleated/ Fiberglass	Threaded	TO-30 Insulating Oil System
CC-62285	6"	22"	Pleated/ Fiberglass	Threaded	TOC-10 Turbine Oil System
CC-63385	6"	33"	Pleated/ Fiberglass	Threaded	TOC-30 Turbine Oil System
I-4126	3 <sup>5</sup> / <sub>8</sub> "	12"	Fiberglass	Open	Keene A-840, A-840A, CI-3512-F2-1
I-4156	3 <sup>5</sup> / <sub>8</sub> "	15 <sup>3</sup> / <sub>4</sub> "	Fiberglass	Open	Keene A-1525, CI-3416-F2-0
I-4184	3 <sup>5</sup> / <sub>8</sub> "	17 <sup>5</sup> / <sub>8</sub> "	Fiberglass	Open	Keene A-870, A-870A, CI-3518-F2-1
I-4204	3 <sup>3</sup> / <sub>4</sub> "	20"	Fiberglass	O-ring	Keene CI-3520-02-2
I-4310	3 <sup>1</sup> / <sub>2</sub> "	30 <sup>1</sup> / <sub>6</sub> "	Fiberglass	O-ring	Keene A-3057, CI-3431-02-0
I-6086A	6"	8 <sup>1</sup> / <sub>2</sub> "	Fiberglass	Open	Interdyne Solvent System

## SPECIFICATIONS

- 75 psi burst strength
- 5 - 9 pH range
- 160° maximum operating temperature

**AT RIGHT:** A Velcon coalescer cartridge removing water from kerosene. Large (coalesced) waterdrops break away from the cartridge surface and sink into the sump area. Visible at the bottom is the interface between the kerosene and the settled water.



Velcon products are sold and serviced by a world-wide representative network. To order, contact Headquarters or your LOCAL REPRESENTATIVE:

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