



## **Field Proven: CDF Replacement Cartridges Assure Clean Dry Fuel Delivery**

### **FEATURES**

- **CDF-E SERIES** are qualified to Military Spec Mil-M-81380C.
- **O-RING SEAL** minimizes the possibility of bypassing contaminated fuel at differential pressures up to 175 psi.
- **RUGGED CONSTRUCTION** collapse strength exceeds 175 psi differential pressure.

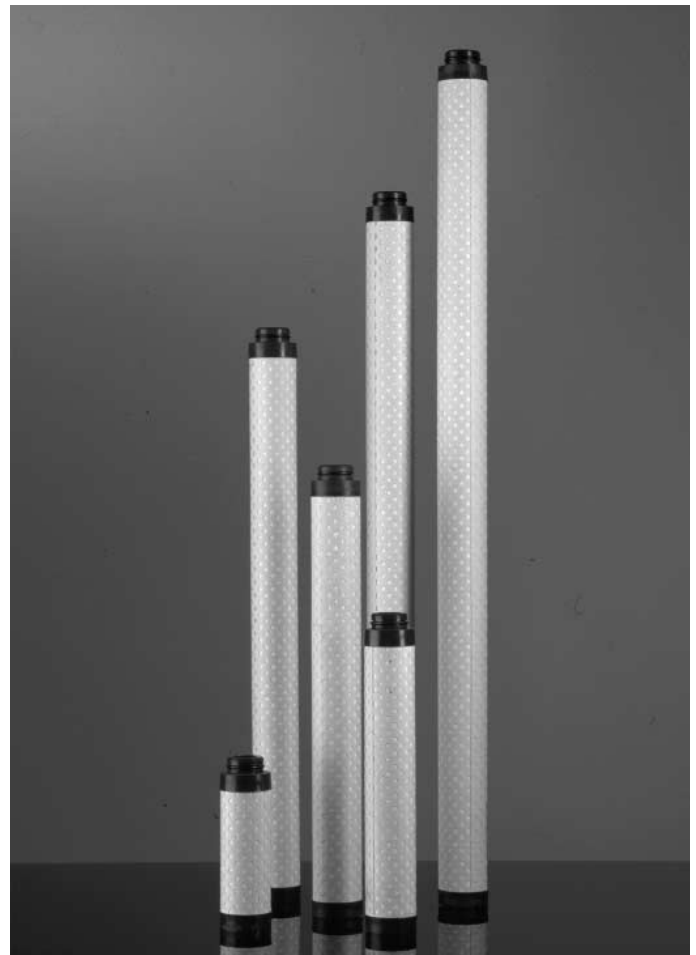
### **DESCRIPTION**

The Velcon CDF<sup>®</sup> Series cartridges are designed for military jet fuels which contain anti-icing additives. These cartridges provide superior performance and reliability in standard fuel monitor housings through a unique, patented combination of media that absorbs water and filters solids that may be present in the fuel. Full flow through the media is provided by plastic endcaps that are bonded to the media and an O-ring seal on the outlet end. This minimizes the possibilities of bypassing contaminated fuel or transmission of water downstream at low flow rates.

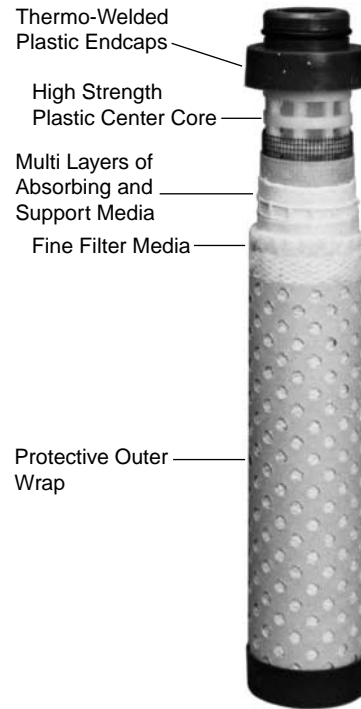
The presence of water and/or dirt in the influent fuel is indicated by an increase in the pressure differential (or a decrease in flow rate if the monitor housing is not equipped with a differential pressure gauge). These changes are the result of flow restriction caused by dirt filtration or water absorption in the media. The rapidity of these changes will depend on the quantity of water or contaminant present.

#### **\*\*\*\*\*CAUTION\*\*\*\*\***

In fuels containing anti-icing additive (Di-EGME, FSII, Prist<sup>®</sup>), stagnant water bottoms can absorb large amounts of the anti-icing additive. This water/FSII solution can disarm water-absorbing elements allowing water to pass downstream. Daily draining of the monitor vessel and of water bottoms upstream of the elements is **IMPERATIVE**. Also, changeout @ **15 psid**.



**The CDF-E Series**



## CARTRIDGE SELECTION TABLE

Cartridge Flow Rate GPM	Velcon Model Number	Overall Length	Replacements for:				
			Facet/Quantek (Bendix) Model Number	Racor (Banner) Model Number	Quantek Model Number	Facet/Quantek (Bendix) Model Number	Quantek Model Number
5	CDF-205E	5 <sup>13/16</sup> "	041105-M1, -M2	FM-05202	GNG-205	041105-12	FG-205
10	CDF-210E	10 <sup>13/16</sup> "	041110-M1, -M2	FM-10202	GNG-210	041210-12	FG-210
15	CDF-215E	15 <sup>13/16</sup> "	041115-M1, -M2	FM-15202	GNG-215	041315-12	FG-215
20	CDF-220E	20 <sup>13/16</sup> "	041120-M1, -M2	FM-20202	GNG-220	041420-12	FG-220
25	CDF-225E	25 <sup>13/16</sup> "	041125-M1, -M2	FM-25202	GNG-225	041525-12	FG-225
30	CDF-230E	30 <sup>13/16</sup> "	041130-M1, -M2	FM-30202	GNG-230	041630-12	FG-230

## SPECIFICATIONS CDF® E SERIES

- 175 lb. (12 bar) collapse strength
- 160°F maximum operating temperature
- Recommended changeout differential pressure = 15\* psid or after one year, whichever occurs first.

## ORDERING INFORMATION

- Specify Velcon Model Number from table above. CDF Cartridges are packaged 20 per carton.

Fischer-Robertson, Inc.  
 3890 Symmes Road  
 Hamilton, Ohio 45015  
 p: 513-860-3445  
 f: 513-860-4744  
 sales@fischer-robertson.com  
 www.fischer-robertson.com

COMPANY HEADQUARTERS:  
 Velcon Filters, Inc. 4525 Centennial Blvd.  
 Colorado Springs, CO 80919-3350  
 Phone: 1.800.531.0180  
 Fax: 719.531.5690  
 e-mail: vfsales@velcon.com  
 www.velcon.com

MANUFACTURING PLANTS LOCATED AT:  
 Colorado Springs, Colorado  
 Sylacauga, Alabama  
 Harlingen, Texas

OVERSEAS AFFILIATES:  
 Frankfurt/M., Germany & Singapore

**Liquid Filtration  
 and Separation  
 Specialists**