



CDF[®] Fuel Monitor Cartridges N Series

Field Proven: CDF Replacement Cartridges Assure Clean Dry Fuel Delivery

FEATURES

CDF-N SERIES are qualified to IP 1583, Fourth Edition, a specification for Aviation Fuel Filter Monitors.

IMPROVED SALT WATER PERFORMANCE

CONDUCTIVE END CAPS and adhesive for reduction of static charge within the vessel.

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[®] N Series cartridges are designed to provide superior performance and reliability in standard fuel monitor housings through a unique, patented combination of media that absorbs water, filters solids that may be present in the fuel, and provides for reduced static charge.

The cartridge has injection molded 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.

As the cartridge removes water and/or dirt from the influent fuel there will be an increase in the pressure differential along with a decrease in flow rate. These changes are the result of flow restriction caused by dirt filtration or water absorption in the media. The rate of these changes depends on the quantity of water or dirt contaminants present.



*****CAUTION*****

**DO NOT USE WITH PRE-MIXED FUELS CONTAINING
ANTI-ICING ADDITIVES.**

IP Specification 1583 Fourth Edition Information

Our new CDF®-2xxN Series Cartridges incorporate features that result in increased electrical conductivity to quickly dissipate electrostatic charge across the cartridge. This is in response to the new requirement in the specification to reduce static charge within the filter monitor.

Another addition to the specification is an optional test to determine the performance of the cartridge in a salt water environment. The CDF® N Series successfully passed the following tests:

1. ¾ % Sodium Chloride full flow slug test
2. ¾ % Sodium Chloride 50 ppm test

ORDERING INFORMATION

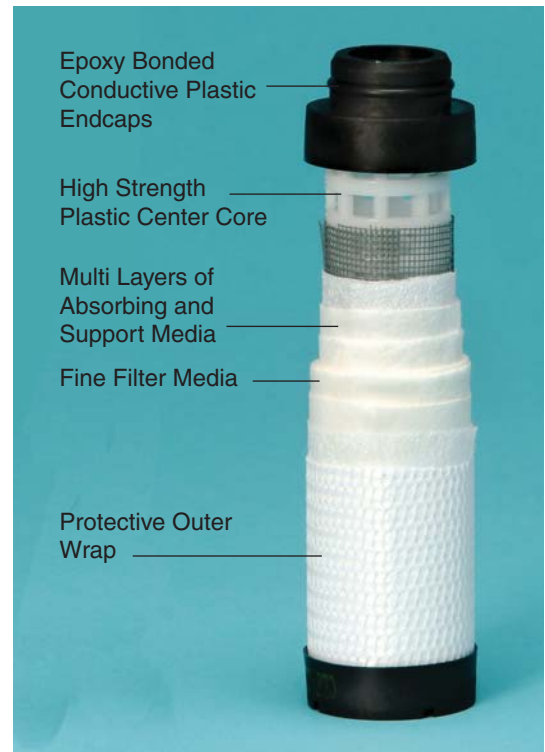
- Specify Velcon Model Number from table below. CDF Cartridges are packaged 20 per carton.


CARTRIDGE SELECTION TABLE

Cartridge Flow Rate USGPM	Velcon Model Number	Overall Length	Replacements for:		
			Facet Model Number	Racor Model Number	Faudi Model Number
5	CDF-205N	5 ¹³ / ₁₆ "	FG-205 (-3 or -4) GNG-205	RMO-205-4-E —	M.2-134 (/4 or /E)
10	CDF-210N	10 ¹³ / ₁₆ "	FG-210 (-3 or -4) GNG-210	FMI-10203 FM-10202 RMO-210-4-E	M.2-261 (/4 or /E)
15	CDF-215N	15 ¹³ / ₁₆ "	FG-215 (-3 or -4) GNG-215	FMI-15203 FM-15202 RMO-215-4-E	M.2-387 (/4 or /E)
20	CDF-220N	20 ¹³ / ₁₆ "	FG-220 (-3 or -4) GNG-220	FMI-20203 FM-20202 RMO-220-4-E	M.2-515 (/4 or /E)
25	CDF-225N	25 ¹³ / ₁₆ "	FG-225 (-3 or -4) GNG-225	FMI-25203 FM-25202 RMO-225-4-E	M.2-642 (/4 or /E)
30	CDF-230N	30 ¹³ / ₁₆ "	FG-230 (-3 or -4) GNG-230	FMI-30203 FM-30202 RMO-230-4-E	M.2-770 (/4 or /E)

SPECIFICATIONS AND TECHNICAL INFORMATION CDF® N SERIES

- 175 psid (12 bar) collapse strength
- 0.5 micron rating
- 160°F maximum operating temperature
- Recommended changeout differential pressure = 25 psid
- For service life information, please refer to Operating Procedures # 1839 or consult your company fuel handling procedures.





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

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