

21 and 22 Series Fuel-Gard® Monitor Cartridges



The Facet Fuel-Gard monitor cartridges meet the latest edition of the Institute of Petroleum (I.P.) Specifications and Qualification Procedures—Aviation Fuel Filter Monitors With Absorbent Type Elements.

The cartridge is made up of layered and pleated, multi-media sections with inner support shells and an outer wrap. A special water absorbent media retains water and the pleats expand. As the maximum water-holding

DATA

MODEL NUMBER	OUTSIDE DIAMETER		NOMINAL LENGTH		SHIPPING WEIGHT	
	in.	mm.	in.	mm.	lbs.	kgs.
21 SERIES						
FG-O-609-2	6	152	9	230	4	1.8
22 SERIES						
FG-O-612-2	6	152	12	300	6	2.7

FLOW RATES

MODEL NUMBER	JET FUEL				AV-GAS			
	INITIAL ΔP		FLOW		INITIAL ΔP		FLOW	
	psi	kPa	gpm	lpm	psi	kPa	gpm	lpm
21 SERIES								
FG-O-609-2	3.5	24.1	36	136	2.5	17.2	36	136
22 SERIES								
FG-O-612-2	5.5	37.9	48	182	3.5	24.1	60	227

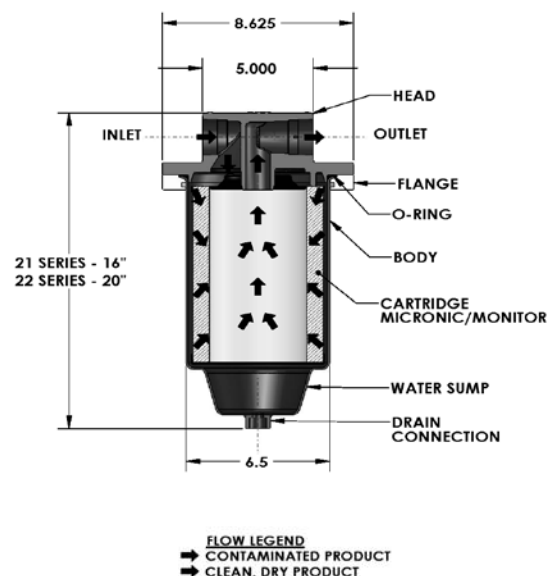
capacity is reached, a reduction in flow occurs, indicating the cartridge should be changed. Maximum recommended operating temperature is 160°F at a maximum differential pressure of 180 psi.

STANDARD DESIGN FEATURES

- Tested and qualified to meet latest edition of the I.P. Specifications and Qualification Procedures—Aviation Fuel Filter Monitors With Absorbent Type Elements
- Multi-layered media for increased solids holding, water removal and shutdown protection
- Less than 0.3 mg/liter of solids in effluent
- Less than 1 ppm of water in effluent
- Maximum differential pressure: 180 psi
- Flow direction: Outside to in
- Not adversely affected by exposure to temperatures varying from -65°F to 160°F

MATERIALS

- Carbon steel structural components
- Heavy duty metal center tube and outer shell for extra structural strength
- All metal components coated to protect against corrosion
- Standard gaskets are Buna-N—other materials available on request



Due to our continuing program of improvement, specifications are subject to change without notice.