



### Standard Cartridge Design

- Tested to meet effluent requirements of EI 1583 latest edition
- Multi-layered media for increased solids holding, water removal and shutdown protection
- Flow direction: Outside to in
- Not adversely affected by exposure to temperatures varying from -65 °F to 160 °F (-54 °C to 71 °C)

### 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

The Facet Fuel-Gard® monitor cartridges meet the effluent requirements of the EI specification 1583 — Laboratory test and minimum performance levels for aviation fuel monitors.

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 capacity is reached, a reduction in flow occurs, indicating the cartridge should be changed. Maximum recommended operating temperature is 160 °F (71 °C).

### DATA

MODEL NUMBER	OUTSIDE DIAMETER		NOMINAL LENGTH		SHIPPING WEIGHT		JET FUEL				AV-GAS			
							INITIAL ΔP		FLOW		INITIAL ΔP		FLOW	
	in	mm	in	mm	lbs	kg	psi	kPa	gpm	lpm	psi	kPa	gpm	lpm
<b>21 SERIES</b>														
FG-O-609-7	6	152	9	230	4	1.8	3.5	24.1	36	136	2.5	17.2	36	136
<b>22 SERIES</b>														
FG-O-612-7	6	152	12	300	6	2.7	5.5	37.9	48	182	3.5	24.1	48	182

\* For applications other than AV-Gas and Jet Fuel, please contact the nearest Facet office.

\*\*DP given for viscosity <2 cSt

WARNING: MONITOR CARTRIDGES SHOULD NEVER BE USED WITH FUELS CONTAINING ANTI-ICING ADDITIVES SUCH AS FSII, PRIST AND DI-EGME. THIS INCLUDES PRE-MIXED AND MILITARY FUELS CONTAINING THESE ADDITIVES. THE USE OF MONITOR CARTRIDGES WITH FUELS CONTAINING ANTI-ICING ADDITIVES MAY RESULT IN (1) A FAILURE OF THE MONITOR CARTRIDGE AND/OR (2) MIGRATION OF FILTRATION MEDIA INTO THE FUEL STREAM, EITHER OF WHICH COULD POTENTIALLY CAUSE DAMAGE TO OR SUDDEN FAILURE OF THE CORRESPONDING ENGINE. THE SUPPLIER SHALL NOT BE LIABLE IN ANY RESPECT FOR ANY DAMAGE OR LOSS THAT ARISES FROM THE USE OF MONITOR CARTRIDGES WITH FUELS CONTAINING ANTI-ICING ADDITIVES. SUCH USE IS ENTIRELY AT THE USER'S RISK.