

The Facet VFGM Series SuperFlex™ monitor housings, equipped with FG-O Series 6" (152 mm.) OD monitor cartridges, continually check for the entire flow of fuel, not just mere samples, for water or solids contamination. By performing three jobs, the monitors assure clean, dry fuel. They absorb free and emulsified water, remove ultra-fine solids, and shut down system flow when hit with a localized slug of water. They are designed to flow from the outside to inside at a rate of 4 gallons (15.14 liters) per inch of length.

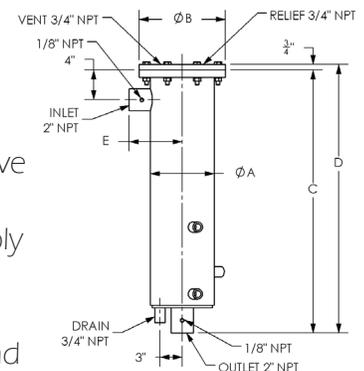
Facet's VFGM Series SuperFlex™ monitor housings are built to ASME Code, constructed of carbon steel. Stainless steel construction is available. Contact your Facet Representative for details. They are furnished with FG-O Series 6" monitor cartridges that meet the latest edition of EI specification 1583 Aviation Fuel Filter Monitors with Absorbent Type Elements.

STANDARD HOUSING DESIGN

- Welded carbon steel construction
- ASME Code, Section VIII construction, stamped and certified
- Design pressure: 250 psi @ 250°F
- Main closure: Blind flange
- Head gasket: Buna-N—other materials available on request
- Vent connection: 3/4" NPT
- Drain connection: 3/4" 3000# NPT
- Inlet and outlet connections: 2" 3000# NPT
- Differential pressure gauge connection: 1/8" NPT
- Interior: Epoxy coated (MIL-PRF-4556)
- Exterior: Prime coated

OPTIONS

- Air eliminator
- Air eliminator check valve
- Manual drain valve
- Pressure gauge assembly
- Pressure relief valve
- Sampling probes
- Adjustable support stand



HOUSING DATA

| MODEL NUMBER | FLOW RATE | | A | | B | | C | | D | | E | | WEIGHT | | LIQUID VOLUME | |
|--------------|-----------|-----|-----------------|-----|------------------|-----|------------------|------|------------------|------|-----------------|-----|--------|------|---------------|-------|
| | gpm | lpm | in. | mm. | in. | mm. | in. | mm. | in. | mm. | in. | mm. | lbs. | kgs. | gals. | ltrs. |
| VFGM-1C-1614 | 58 | 220 | 8 $\frac{5}{8}$ | 219 | 11 $\frac{5}{8}$ | 295 | 35 $\frac{3}{8}$ | 899 | 36 $\frac{1}{8}$ | 918 | 7 $\frac{1}{8}$ | 181 | 100 | 45 | 7 | 26 |
| VFGM-2C-1629 | 116 | 439 | 8 $\frac{5}{8}$ | 219 | 11 $\frac{5}{8}$ | 295 | 49 $\frac{7}{8}$ | 1267 | 50 $\frac{3}{8}$ | 1286 | 7 $\frac{1}{8}$ | 181 | 125 | 56 | 10 | 38 |
| VFGM-3C-1643 | 174 | 659 | 8 $\frac{5}{8}$ | 219 | 11 $\frac{5}{8}$ | 295 | 63 $\frac{3}{8}$ | 1622 | 64 $\frac{3}{8}$ | 1641 | 7 $\frac{1}{8}$ | 181 | 200 | 90 | 13 | 49 |

Model numbers include housing, cartridge mounting hardware, and cartridges not installed.

All dimensions, weights and volumes are for estimating only.

WARNING: MONITOR CARTRIDGES SHOULD NEVER BE USED WITH FUELS CONTAINING ANTHCING ADDITIVES SUCH AS FSII, PRIST AND DIGME. THIS INCLUDES PRE-MIXED AND MILITARY FUELS CONTAINING THESE ADDITIVES. THE USE OF MONITOR CARTRIDGES WITH FUELS CONTAINING ANTHCING 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 ANTHCING ADDITIVES. SUCH USE IS ENTIRELY AT THE USER'S RISK.