



A STATE OF THE ART FILTRATION SYSTEM DESIGNED TO PREVENT WATER CONTAMINANTS FROM ENTERING YOUR AIRCRAFT DURING REFUELING

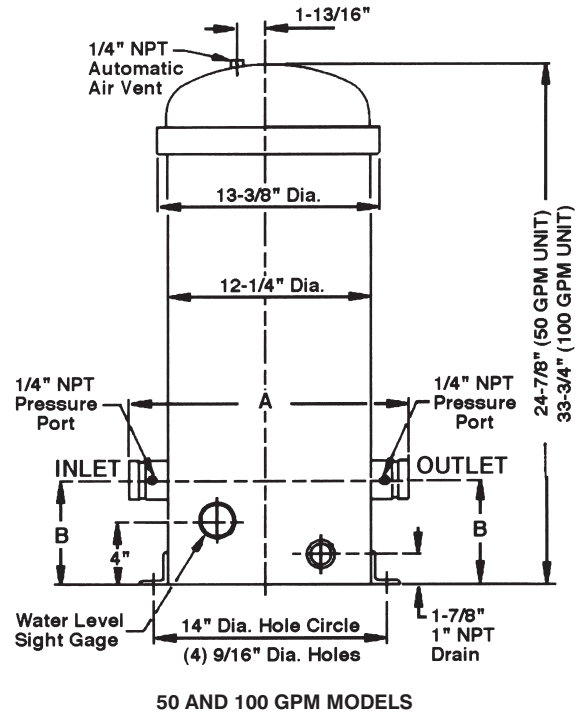
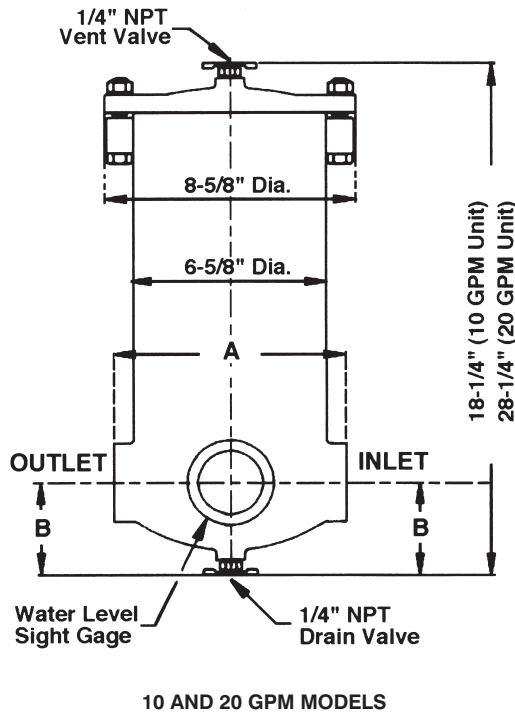
The Facet 10 and 20 gpm (38 and 76 lpm) combination fuel monitor/filter water separators conform to Specification MIL-F-8901 and MIL-M-81380C(AS). They are constructed of light weight aluminum and equipped with a water level sight gauge, manual air vent and drain valve. Inside each housing is a coalescer cartridge, a water separator canister and a monitor. The only variation between these two units is one of height—the 20 gpm (76 lpm) unit is 28 1/4" (718 mm.) high, while the 10 gpm (38 lpm) unit is 18 1/4" (464 mm.) high.

Facet also offers 50 and 100 gpm (189 and 378 lpm) combination fuel monitor/filter water separators. These compact, lightweight, aluminum units conform to specification MIL-F-8901 and MIL-M-81380C(AS). The flow is directed through the coalescer type elements and permanent canister by means of a manifold rather than a deck plate providing a large water sump in a small unit. A water level sight gauge with floating indicator and a built-in air eliminator are standard. The only variation between these two units is one of height—the 100 gpm (378 lpm) unit is 33 3/4" (857 mm.) high while the 50 gpm (189 lpm) unit is 24 7/8" (632 mm.) high.

STANDARD HOUSING DESIGN

- Light weight aluminum body construction
- Conforms to specification MIL-F-8901 and MIL-M-81380C(AS)
- Structurally withstands test pressure: 225 psi
- Operating pressure: 125 psi
- 10 and 20 gpm (38 & 76 lpm) equipped with:
 - Water level sight gauge
 - Manual air vent
 - Manual drain valve
- 50 and 100 gpm (189 and 378 lpm) equipped with:
 - Water level sight gauge with floating indicator
 - Built-in air eliminator
- Inlet and outlet connections
 - 10 and 20 gpm (38 and 76 lpm): 1 1/2" NPT
 - 50 and 100 gpm (189 & 378 lpm): 2" Victaulic
- Buna-N gaskets-other materials available on request
- Three-stage housing installed with coalescer cartridges, separator canisters and monitors
- Pressure port: 1/4" NPT

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



DATA

MODEL NUMBER	FLOW RATE		REQUIRED CARTRIDGES					
			COALESCER		SEPARATOR		MONITOR ⁽¹⁾	
			qty.	model	qty.	model	qty.	model
900443-FG-210	10	38	1	CC-S11F-10	1	050505-02	1	FG-210-4
900442-FG-220	20	76	1	CC-S11F	1	050505-01	1	FG-220-4
900445-FG-210	50	189	4	CC-S11F-10	5	050505-02	5	FG-210-4
900444-FG-220	100	378	4	CC-S11F	5	050505-01	5	FG-220-4

⁽¹⁾ Housings can be fitted with PS Series Monitors

DIMENSIONS

MODEL NUMBER	INLET/OUTLET DIAMETER	DIMENSIONS				COVER GASKET	WEIGHT	
		A		B			lbs.	kgs.
		in.	mm.	in.	mm.			
900443-FG-210	1½" NPT	8	203	¾	82	050973	10	5
900442-FG-220	1½" NPT	8	203	¾	82	050973	15	8
900445-FG-210	2" Victaulic	16⅞	428	6½	165	050191	50	23
900444-FG-220	2" Victaulic	16⅞	428	6½	165	050191	55	25

All dimensions and weights are approximate and should be used for estimating only.

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