

Combination Fuel Monitor / Filter Water Separators



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 ¼" (718 mm.) high, while the 10 gpm (38 lpm) unit is 18 ¼" (464 mm.) high.

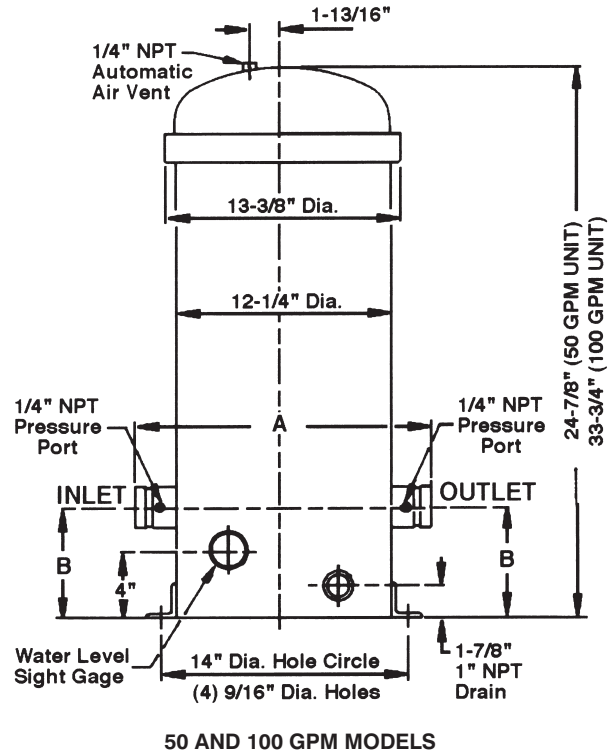
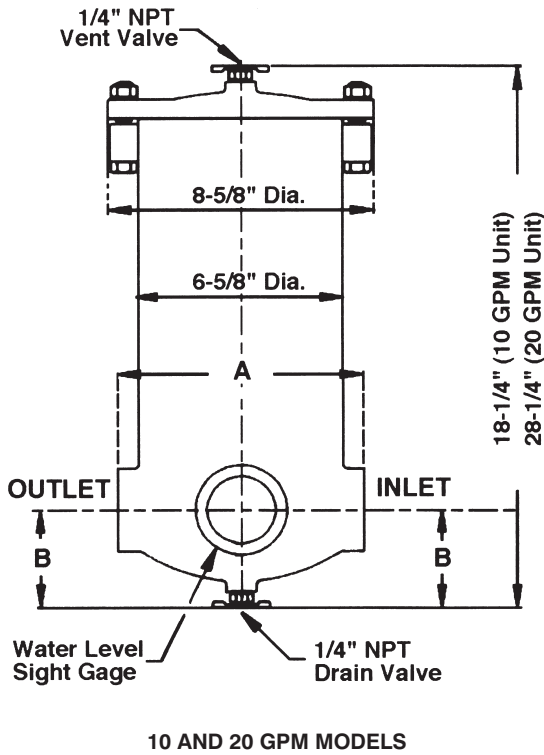
Facet also offers 50 and 100 gpm (189 and 378 lpm) combination fuel monitor/filter water separators. These compact, lightweight, aluminum units conform to specification MIL-F-8901 and MIL-M-81380C(AS). The flow is directed through the coalescer type elements and permanent canister by means of a manifold 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 ¾" (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 ½" 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: ¼" NPT

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

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DATA

MODEL NUMBER	FLOW RATE		REQUIRED CARTRIDGES					
			COALESCER		SEPARATOR		MONITOR ⁽¹⁾	
	gpm	lpm	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.

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