

FBO-MA

FBO Fuel Filter/Water Separator For High-Flow Marine Applications



FBO-10-MA and FBO-14-MA filter assemblies were designed to meet the toughest conditions and offer ease of filter cartridge changeouts. The FBO assembly can flow from 5 GPM (19 LPM) to 75 GPM (284 LPM), depending on which model, filter, and type of fuel to be filtered.

The assembly features a locking ring collar that attaches the filter housing to the aluminum diecast filter head with four bolts and metal hand knobs for ease of maintenance. No wrenches or other special tools are required, allowing one person to easily change the filter.

These versatile fuel filter/water separator assemblies have three filter options to meet various requirements; the fuel/water separator, silicone treated microfilters, and absorptive filters.



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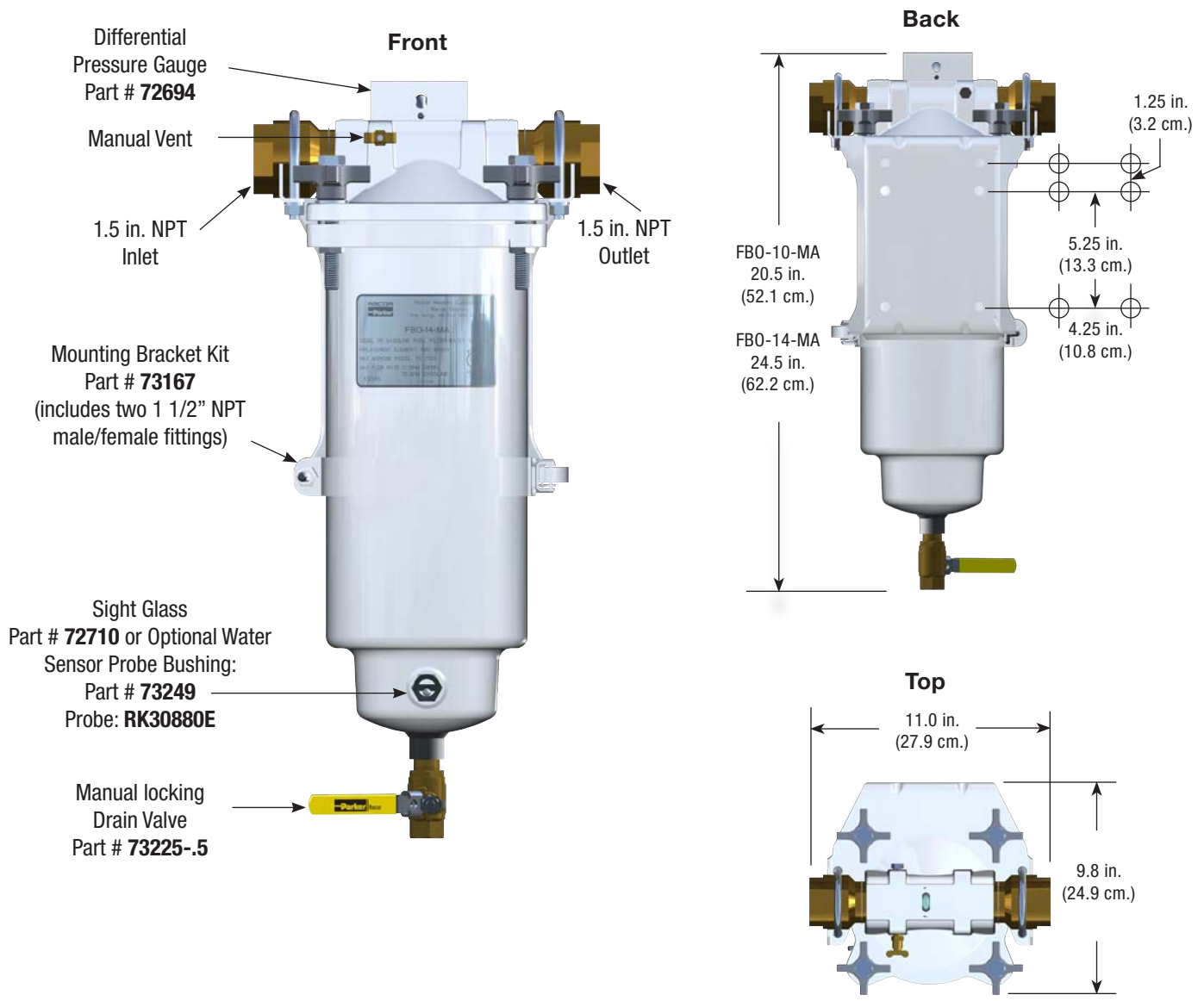
Product Features

- UL Listed
- Die-cast aluminum head
- Steel filter bowl assembly
- Powder coated components
- Locking ring collar - no V-clamps
- 1.5" NPT inlet/outlet ports
- Designed to withstand 150 PSI maximum pressure at 240°F
- Maximum operating temperature 170°F
- Manual drain valve
- Manual vent valve
- Sight Glass



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Overview



Specifications	Maximum Flow Rates			Clean	Change
	Diesel	Gasoline	Kerosene	Delta P	Delta P
FBO-10-MA					
Microfilter	25 GPM (94.6 LPM)	53 GPM (200.6 LPM)	35 GPM (132 LPM)	2.5 PSID	15 PSID
Filter Separator	20 GPM (75.7 LPM)	32 GPM (121.1 LPM)	21 GPM (79 LPM)	2.5 PSID	15 PSID
Absorber	20 GPM (75.7 LPM)	45 GPM (170.3 LPM)	35 GPM (132 LPM)	2.5 PSID	30 PSID
FBO-14-MA					
Microfilter	30 GPM (113.6 LPM)	75 GPM (284 LPM)	50 GPM (189 LPM)	2.5 PSID	15 PSID
Filter Separator	25 GPM (94.6 LPM)	45 GPM (170 LPM)	30 GPM (114 LPM)	2.5 PSID	15 PSID
Absorber	25 GPM (94.6 LPM)	70 GPM (265.0 LPM)	55 GPM (208.2 LPM)	2.5 PSID	30 PSID

Replacement Filters

Filters are used to protect the OEM supplied fuel system.

Water Separator

Water separator filters remove water and contaminants from hydrocarbon fuel streams and are the most popular filters.

Silicone Treated


Silicone treated fuel filters remove particle contaminants down to one micron.

Silicone filters can also be used upstream, before a fuel filter/water separator, to extend filter life.

Water Absorber

Water absorber filters absorb water and filter out contaminants from diesel fuel and other hydrocarbon streams.



FBO	Micron Rating	Water Separator	Silicone Treated	Water Absorber
 <p>FBO-10 (6 X 10 Filter)</p>	1	FBO 60327	FBO 60330	FBO 60333
	5	FBO 60328	FBO 60331	FBO 60334
	10	FBO 60353	FBO 60354	FBO 60355
	25	FBO 60329	FBO 60332	FBO 60335
 <p>FBO-14¹ (6 X 14 Filter)</p>	1	FBO 60336	FBO 60339	FBO 60342
	5	FBO 60337	FBO 60340	FBO 60343
	10	FBO 60356	FBO 60357	FBO 60358
	25	FBO 60338	FBO 60341	FBO 60344

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