



FH239 Series Industrial Pro[®]

All-In-One Fuel/Water Separator
with **NanoNet[®]** Media

Easiest to Maintain

- Easier, hassle-free filter change
- Clear bottom bowl with sturdy drain with 5x more capacity than the FH234 series
- Patented Seeing is Believing[®] technology – see when NOT to change the filter
- Low restriction check valve eliminates loss of prime when draining or changing the filter
- Sturdy, quick-acting drain for water and contaminant removal
- Water-In-Fuel (WIF) sensor available

Highest Performing

- Meets OEM efficiency requirements
 - » Efficiency is measured in terms of Beta ratio. The Beta ratio for FS53014 and FS53015 is greater than $\beta 1000 @ 7$ micron, compared to the FH234 series with a Beta ratio of $\beta 250 @ 7$ micron.
- 67% increased media area to ensure greater protection of your engine
- Best fuel water separation available with proprietary NanoNet media
- 100% increase in filter life compared to FH234 series
- Reduced restriction of flow by up to 9%

Most Versatile

- B20 Biodiesel compatible to ASTM D6751 and EN14214 fuel standards
- Electric heater is optional
- Up to 44% weight reduction compared to FH234 series



Improve Fuel Cleanliness

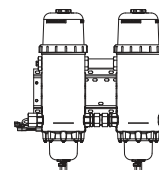
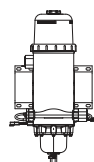
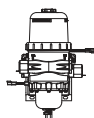
With the best fuel processor available today to protect your valuable equipment

Processor Ordering Information

	Housing Part Number	Filter Element	Short/Tall	Primer Pump	WIF	Clear Bowl	Bracket Included	Heater**	Fuel In and Fuel Out	Port Size
Single	FH23900	FS53015	Short	Yes	Yes	Yes	Yes	Optional	In Right/Out Left	1-1/4" NPTF
	FH23904	FS53015	Short	Yes	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF
	FH23916	FS53015	Short	No	Yes	Yes	Yes	Optional	In Right/Out Left	1-1/4" NPTF
	FH23917	FS53015	Short	No	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF
	FH23901	FS53014	Tall	Yes	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF
	FH23903	FS53014	Tall	Yes	Yes	Yes	Yes	Optional	In Right/Out Left	1-1/4" NPTF
	FH23905	FS53014	Tall	Yes	Yes	Yes	Yes	Optional	In Left/Out Left	1-1/4" NPTF
	FH23906	FS53014	Tall	Yes	Yes	Yes	Yes	Optional	In Right/Out Right	1-1/4" NPTF
	FH23912	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Right/Out Left	1-1/4" NPTF
	FH23913	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF
	FH23914	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Left/Out Left	1-1/4" NPTF
Dual	FH23915	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Right/Out Right	1-1/4" NPTF
	FH23907	FS53014*	Tall	Yes	Yes	Yes	Yes	Optional	In Right/Out Right	1-1/4" NPTF
	FH23908	FS53014*	Tall	Yes	Yes	Yes	Yes	Optional	In Right/Out Left	1-1/4" NPTF
	FH23910	FS53014*	Tall	Yes	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF
	FH23911	FS53014*	Tall	Yes	Yes	Yes	Yes	Optional	In Left/Out Left	1-1/4" NPTF
	FH23918	FS53014*	Tall	No	Yes	Yes	Yes	Optional	In Right/Out Left	1-1/4" NPTF
	FH23919	FS53014*	Tall	No	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF
	FH23920	FS53014*	Tall	No	Yes	Yes	Yes	Optional	In Left/Out Left	1-1/4" NPTF
	FH23921	FS53014*	Tall	No	Yes	Yes	Yes	Optional	In Right/Out Right	1-1/4" NPTF

* Requires two filter elements

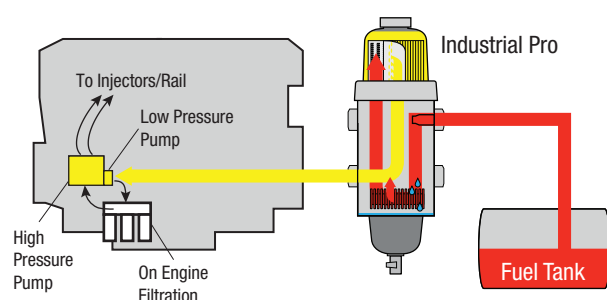
** Ordered separately



Specifications

Specification	Single Short	Single Tall	Dual Tall
Height Overall	20" (508 mm)	28" (711 mm)	28" (711 mm)
Depth Overall	12" (305 mm)	12" (305 mm)	12" (305 mm)
Width, Max	11.2" (284 mm)	13.9" (352 mm)	23.8" (604 mm)
Mounting Bracket Centers (Vertical)	4" (102 mm)	4" (102 mm)	4" (102 mm)
Mounting Bracket Centers (Horizontal)	2" (51 mm)	2" (51 mm)	2" (51 mm)
Weight (Dry)	29 lbs (13.2 kg)	39 lbs (17.7 kg)	75 lbs (34.0 kg)
Weight (Wet)	37 lbs (16.8 kg)	57 lbs (25.6 kg)	112 lbs (50.8 kg)
Fuel Capacity (w/o Filter)	1.1 gal (4.3 L)	2.5 gal (9.5 L)	5.0 gal (19 L)
Fuel Connections	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
Fuel Flow Rate	300 gal/hr (12.6 L/min)	600 gal/hr (37.9 L/min)	1200 gal/hr (75.1 L/min)
Bottom Bowl Water Holding Capacity	29 fl oz (860 ml)	29 fl oz (860 ml)	58 fl oz (1720 ml)
Filter Service Clearance	Min. 3.5" (89 mm)	Min. 6.0" (152 mm)	Min. 6.0" (152 mm)
Electrical Heater Options	12 VDC or 24 VDC	12 VDC or 24 VDC	12 VDC or 24 VDC
Primer Pump (Supply Voltage)	24 VDC, 6 A	24 VDC, 6 A	24 VDC, 6 A
Fuel Types	Compatible for use with Diesel #1, Diesel #2, Kerosene, Biodiesel B20, and JP8		

Specifications subject to change without notice.



Typical Installation

(Install between the fuel tank and the transfer fuel pump)

VDC Combo Thermo/Heaters

Part Number	Description
SP1312	12 VDC Combo Thermo/Heater
SP1313	24 VDC Combo Thermo/Heater

