



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 offering 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
- Fuel Heater (optional)

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 (= 99.9% efficient), 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 - Single Units

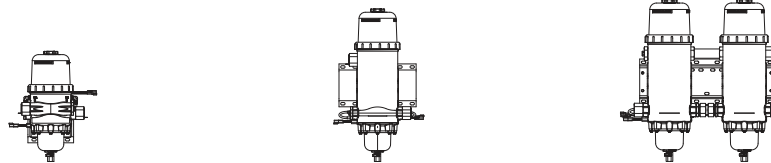
Housing PN	Filter Element	Model type	Priming Pump	WIF	Clear Bowl	Bracket Included	Heater	Fuel In / Fuel Out	Port Size
FH23900	FS53015	Short	Yes	Yes	Yes	Yes	Optional	In Right/ Out Left	1-1/4" NPTF
FH23903	FS53014	Tall	Yes	Yes	Yes	Yes	Optional	In Right/ Out Left	1-1/4" NPTF
FH23912	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Right/ Out left	1-1/4" NPTF
FH23916	FS53015	Short	No	Yes	Yes	Yes	Optional	In Right/ Out Left	1-1/4" NPTF

Processor Ordering Information - Dual Units

Housing Part Number	Filter Element	Model type	Priming Pump	WIF	Clear Bowl	Bracket Included	Heater	Fuel In / Fuel Out	Port Size
FH23908	FS53014	Tall	Yes	Yes	Yes	Yes	Optional	In Right/ Out Left	1-1/4" NPTF
FH23918	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Right/ Out Left	1-1/4" NPTF

VDC Combo Thermo/Heaters

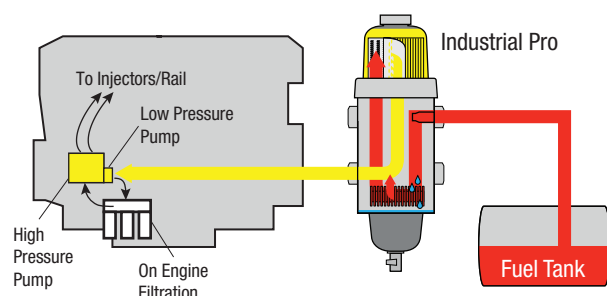
Part Number	Description
SP1312	12 VDC Combo Thermo/Heater
SP1313	24 VDC Combo Thermo/Heater



Specifications

Specification	Single Short	Single Tall	Dual Tall
Height Overall	508 mm	711 mm	711 mm
Depth Overall	305 mm	305 mm	305 mm
Width, Max	284 mm	352 mm	604 mm
Mounting Bracket Centers (Vertical)	102 mm	102 mm	102 mm
Mounting Bracket Centers (Horizontal)	51 mm	51 mm	51 mm
Weight (Dry)	13.2 kg	17.7 kg	34.0 kg
Weight (Wet)	16.8 kg	25.6 kg	50.8 kg
Fuel Capacity (w/o Filter)	4.3 litre	9.5 litre	19.0 litre
Fuel Connections	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
Fuel Flow Rate	12.6 l/min	37.9 l/min	63.1 l/min
Bottom Bowl Water Holding Capacity	860 ml	860 ml	1.720 ml
Filter Service Clearance	89 mm	152 mm	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)