



Industrial Pro® FH239 Series All-In-One Fuel/Water Separator with NanoNet® Media for Off-Highway Diesel Engines

Long Live Your Equipment

The Fleetguard® FH239 Series Industrial Pro is a stage one fuel filtration system intended for use in off-highway applications found in mining, oil and gas, power generation, rail, construction, agriculture and forestry operating environments. This system protects against shorter filter life and potential fuel system damage caused by water and/or particle contamination found in poor quality fuel. The FH239 Series also increases uptime through extended service intervals and even allows for fuel filter changes without shutting down your equipment with the use of the new FH239 Series duplex models*.

Fleetguard Industrial Pro FH239 Delivers:

- Performance that meets or exceeds OEM efficiency requirements as well as Tier 4 emissions requirements
- The best contaminant removal efficiency available (99.9% efficiency or β_{1000} @ 7 micron) with Fleetguard proprietary NanoNet nanofiber media
- The option for an easier, hassle-free filter change with 5x more capacity than the preceding Fleetguard FH234 Series Industrial Pro model
- The ability to see when NOT to change the filter with our patented Seeing is Believing® clear cover
- Industry-leading separation efficiency for both free and emulsified water



FH239 Series Industrial Pro Featuring NanoNet™

*Duplex Tall configuration shown
above (pn. FH23923)*

**For details instructions on FH239 Series duplex filter element changes, please refer to the Cummins Filtration technical catalog at www.cumminsfiltration.com/technicalcatalog*

Versatile Design for Optimal Performance

Available in a wide range of configurations and specifications, the FH239 Series Industrial Pro is designed to be the ultimate in fuel/water separation for diesel engines. The latest design enhancements bring you features such as Water-in-fuel (WIF) sensors, improved drain valves, electric priming pumps, more accessible priming ports, lighter cast aluminum construction and low restriction check valves.



Specifications

Specification	Single Short	Single Tall	Dual Tall	Duplex Short	Duplex Tall	Triple Tall
Height Overall	20" (508 mm)	28" (711 mm)	28" (711 mm)	20" (508 mm)	28" (711 mm)	28" (711 mm)
Depth Overall	12" (305 mm)	12" (305 mm)	12" (305 mm)	12.4" (314 mm)	12" (305 mm)	12" (305 mm)
Width, Max	11.2" (284 mm)	13.9" (352 mm)	23.8" (604 mm)	32" (813 mm)	32" (813 mm)	35.5" (902 mm)
Weight (Dry)	29 lbs (13.2 kg)	39 lbs (17.7 kg)	75 lbs (34.0 kg)	71 lbs (32.2 kg)	87 lbs (39.4 kg)	151 lbs (68.5 kg)
Weight (Wet)	37 lbs (16.8 kg)	57 lbs (25.6 kg)	112 lbs (50.8 kg)	91 lbs (41.2 kg)	127 lbs (57.6 kg)	213 lbs (96.6 kg)
Fuel Capacity (w/o Filter)	1.1 gal (4.3 L)	2.5 gal (9.5 L)	5.0 gal (19 L)	2.2 gal (8 L)	5.0 gal (19 L)	7.5 gal (L)
Fuel Connections	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
Fuel Flow Rate	300 gal/hr (18.9 L/min)	600 gal/hr (37.9 L/min)	1200 gal/hr (63.1 L/min)	300 gal/hr single mode 600 gal/hr dual mode	600 gal/hr single mode 1200 gal/hr dual mode	1200 gal/hr (63.1 L/min)
Bottom Bowl Water Holding Capacity	29 fl oz (860 ml)	29 fl oz (860 ml)	58 fl oz (1720 ml)	29 fl oz single mode 58 fl oz dual mode	29 fl oz single mode 58 fl oz dual mode	87 fl oz (2580 ml)
Filter Service Clearance	Min. 3.5" (89 mm)	Min. 6.0" (152 mm)	Min. 6.0" (152 mm)	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	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	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.

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
	FH23915	FS53014	Tall	No	Yes	Yes	Yes	Optional	In Right/Out Right	1-1/4" NPTF
Dual	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
Duplex	FH23922	FS53015*	Short	Yes	Yes	Yes	Yes	Optional	In Center/Out Center	1-1/4" NPTF
	FH23923	FS53015*	Short	Yes	Yes	Yes	Yes	Optional	In Center/Out Center	1-1/4" NPTF
	FH23926	FS53014*	Tall	No	Yes	Yes	Yes	Optional	In Center/Out Center	1-1/4" NPTF
	FH23927	FS53014*	Tall	No	Yes	Yes	Yes	Optional	In Center/Out Center	1-1/4" NPTF
Triple	FH23930	FS53014***	Tall	Yes	Yes	Yes	Yes	Optional	In Left/Out Right	1-1/4" NPTF

* Requires two filter elements

** Ordered separately

*** Requires 3 filter elements

VDC Combo

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

