Fleetguard®

FH234 Series Industrial Pro®

Diesel Fuel Filtration System

All-In-One

Fuel Filter, Fuel/Water Separator and Fuel Heater

Easiest to Maintain

- Patented Seeing is Believing® technology – see when NOT to change the filter
- Five minute, NO MESS filter change
- Low restriction check valve eliminates loss of prime when draining or changing the filter
- Sturdy, quick-acting drain for water and contaminant removal
- Clear bottom bowl with sturdy, self-venting drain
- Supports extended service intervals
- Water-In-Fuel (WIF) sensor available

Highest Performing

- Best fuel water separation available with proprietary StrataPore™ media
- Filter life is up to 3x more than standard filters
- Reduced restriction to flow
- Meets OEM efficiency requirements
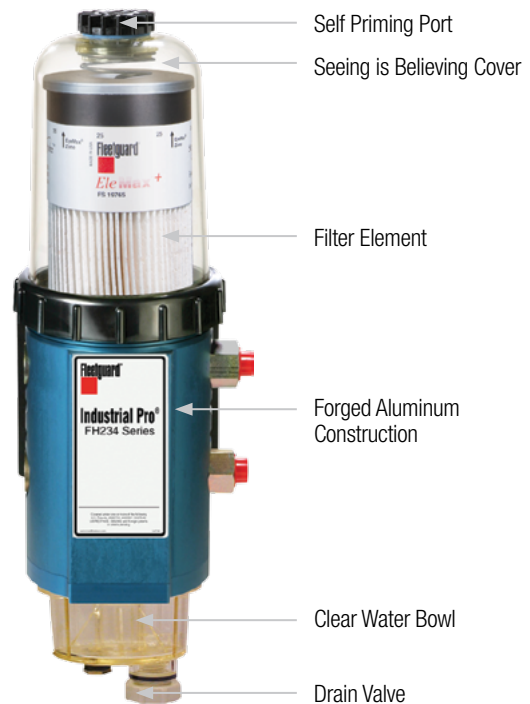- Heavy Duty design with anodized body and highly resistant polymers

Most Versatile

- Reduces inventory and complexity - common filters with FH230 Fuel Pro®
- Biodiesel compatible to ASTM D6751 and EN14214 fuel standards
- Available with or without heater

Primary Applications

- Oil and Gas
- Power Generation
- Construction
- Mining
- Off-Road
- Stationary

FH234 Industrial Pro

- Self Priming Port
- Seeing is Believing Cover
- Filter Element
- Forged Aluminum Construction
- Clear Water Bowl
- Drain Valve

Dual Unit

Triple Unit

Housings Available

Housing Part #	Filter Element*	Micron Rating	Fuel Flow gal/hr (L/hr)	Primer Pump	WIF	Drain	Check Valve	Heat	Fuel In & Fuel Out	Fuel In & Fuel Out Port Size	Fuel In & Fuel Out Port (metric)**
Industrial Pro® Single											
FH23400	FS19763	7	200 (757)	No	No	Yes	Yes	N/A	Left or Right	3/4" NPT	M26 x 1.5
FH23402	FS19763	7	200 (757)	No	No	Yes	Yes	12 VDC	Left or Right	3/4" NPT	M26 x 1.5
FH23401	FS19763	7	200 (757)	No	No	Yes	Yes	24 VDC	Left or Right	3/4" NPT	M26 x 1.5
FH23453	FS19765	25	200 (757)	No	No	Yes	Yes	24 VDC	Left or Right	3/4" NPT	M26 x 1.5
Industrial Pro Single (with Primer Pump)											
FH23457	FS19763	7	200 (757)	Yes	Yes	Yes	Yes	Ports Avail.	In R / Out L	3/4" NPT	M26 x 1.5
FH23466	FS19763	7	200 (757)	Yes	Yes	Yes	Yes	Ports Avail.	In L / Out R	3/4" NPT	M26 x 1.5
Industrial Pro Dual (No Shutoff Valve)											
FH23435	FS19765	25	400 (1515)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2
FH23439	FS19763	7	400 (1515)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2
Industrial Pro Dual with Primer Pump (No Shutoff Valve)											
FH23458	FS19763	7	400 (1515)	Yes	Yes	Yes	Yes	Ports Avail.	In R / Out L	1 1/4" NPT	M42 x 2
Industrial Pro Duplex (Includes Shutoff Valve)											
FH23440	FS19763	7	400 (1515)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2
Industrial Pro Duplex with Primer Pump (Includes Shutoff Valve)											
FH23467	FS19763	7	400 (1515)	Yes	No	Yes	No	Ports Avail.	In R / Out L	1 1/4" NPT	M42 x 2
Industrial Pro Triple (No Shutoff Valve)											
FH23441	FS19763	7	600 (2272)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2
Industrial Pro Triple with Primer Pump (No Shutoff Valve)											
FH23459	FS19763	7	600 (2272)	Yes	Yes	Yes	Yes	Ports Avail.	In R / Out L	1 1/4" NPT	M42 x 2
Industrial Pro Triplex (Includes Shutoff Valve)											
FH23438	FS19763	7	600 (2272)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2
FH23477	FS19765	25	600 (2272)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2
Industrial Pro Triplex with Primer Pump (Includes Shutoff Valve)											
FH23468	FS19763	7	600 (2272)	Yes	Yes	Yes	No	Ports Avail.	In R / Out L	1 1/4" NPT	M42 x 2
FH23477	FS19765	25	600 (2272)	No	No	Yes	No	Ports Avail.	Left or Right	1 1/4" NPT	M42 x 2

*   Other filter options at different micron ratings are available. For details see Fleetguard Technical Information Catalog (LT32599).

**   Metric connections require metric adapter fittings. For M26 x 1.5 fittings, use part number 3954136 S (which includes an outlet M26 x 1.5 outlet fitting, M26 x 1.5 inlet fitting with check valve body, check valve ball, check valve retainer, and check valve spring) and install to inlet and outlet ports of housing. For M42 x 2 fittings, use part number 3956561 S (which contains two M42 x 2 fittings) and install to inlet and outlet ports of assembly.

Note: Refer to tech catalog for service part numbers for Primer Pump and WIF sensors

Genuine Protection.

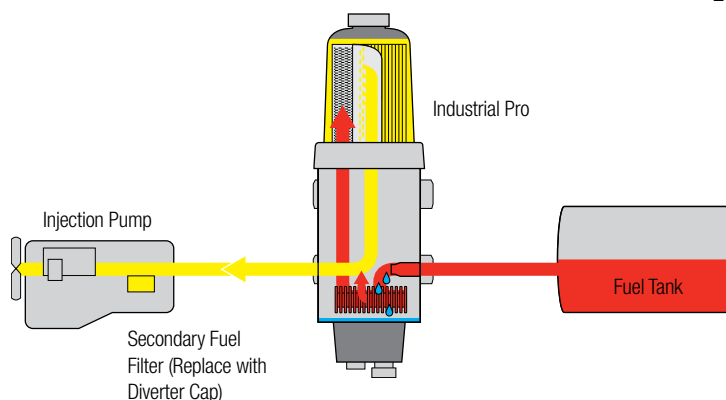The best fuel processor available to protect your valuable equipment.

Specifications

Specification	Single	Dual/Duplex	Triple/Triplex
Height Overall	19.02" (483.1 mm)	19.02" (483.1 mm)	19.02" (483.1 mm)
Depth Overall	7.27" (187.2 mm)	10.47" (265.8 mm) / 11.04" (280.4 mm)	10.46" (265.8 mm) / 11.04" (280.4 mm)
Width, max	6.30" (160.0 mm)	18.75" (476.3 mm)	22.24" (564.9 mm)
Mt. Brkt. Centers (Vert.) Mt. Brkt. Centers (Horiz.)	4.25" (108.0 mm) 5.20" (132.0 mm)	6.60" (167.6 mm) 6.75" (171.5 mm)	6.60" (167.6 mm) 6.75" (171.5 mm)
Weight (Dry)	17 lbs (7.7 kg)	51 lbs (23.1 kg)	70 lbs (31.75 kg)
Fuel Capacity (w/o filter)	0.37 gal (1400 ml)	0.74 gal (2801 ml)	1.11 gal (4202 ml)
Fuel Connections	¾" NPT (M26 x 1.5)	1 ¼" NPT (M42 x 2)	1 ¼" NPT (M42 x 2)
Fuel Flow Rate	200 gal/hr (757 L/hr)	400 gal/hr (1515 L/hr)	600 gal/hr (2272 L/hr)
Recommended Applications	Heavy Duty Engines	Heavy Duty Engines	Heavy Duty Engines
Water Trap Capacity	20.3 fl oz (600 ml)	40.6 fl oz (1200 ml)	60.9 fl oz (1800 ml)
Filter Service Clearance	Min. 1.5" (38.1 mm)	Min. 1.5" (38.1 mm)	Min. 1.5" (38.1 mm)
Electrical Heater	One Heater Required: 12 VDC, 250 W, 13 A ± 3 A 24 VDC, 250 W, 6.5 A ± 2 A	Two Heaters Required: 12 VDC, 250 W, 13 A ± 3 A 24 VDC, 250 W, 6.5 A ± 2 A	Three Heaters Required: 12 VDC, 250 W, 13 A ± 3 A 24 VDC, 250 W, 6.5 A ± 2 A
Primer Pump (Single, Dual and Triple Units Only)	Supply Voltage: 24 VDC Temperature Range: -20 °F (-29 °C) - 250 °F (120 °C)		
Fuel Types	Compatible for use with Diesel #1, Diesel #2, Kerosene, Biodiesel, & JP8		

Specifications subject to change without notice

Typical Installation

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

Industrial Pro

Injection Pump

Secondary Fuel Filter (Replace with Diverter Cap)

Fuel Tank

To learn more about the Industrial Pro FH234 Series, reference:

- LT32599 Technical Information Catalog
- LT32575 Industrial Pro FH234 Series Installation Manual

Nothing Guards Like Fleetguard.