FH230 Series Fuel Pro®

Diesel Fuel Filtration System

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 fuel prime when draining or changing filter
- Supports extended service intervals
- Water-In-Fuel (WIF) sensor available
- Easy priming at service

Highest Performing

- Best fuel water separation available – with proprietary StrataPore™ media
- Reduced restriction to flow
- Meets OEM efficiency requirements

Most Versatile

- Reduces inventory and complexity
- Biodiesel compatible to ASTM D6751, EN14214 fuel standards
- Available with or without heater

Suggested Markets

- Mining
- Construction
- Agriculture
- Heavy Duty On-Highway
- Oil and Gas
- Power Generation

All-In-One

Fuel Filter, Water Separator and Fuel Heater

Housings Available

Housing Part Number	Filter Element **	Micron Rating ***	Pre-Heater 1	Pre-Heater 2	Fluid Heat	WIF
FH23027	FS19763	7	12 VDC	120 VAC	Yes	No
FH23028	FS19763	7	24 VDC	120 VAC	Yes	No
FH23029	FS19763	7	N/A	N/A	No	No
FH23030	FS19729	50	N/A	N/A	No	No
FH23031	FS19763	7	12 VDC	N/A	No	No
FH23032	FS19763	7	24 VDC	N/A	No	No
FH23038	FS19763	7	N/A	N/A	Yes	No
FH23039	FS19763	7	N/A	N/A	Yes	Yes
FH23040	FS19763	7	12 VDC	N/A	Yes	No
FH23041	FS19763	7	12 VDC	N/A	Yes	Yes
FH23042	FS19763	7	24 VDC	N/A	Yes	No
FH23045	FS19763	7	120 VAC	N/A	Yes	No
FH23049	FS19763	7	12 VDC	N/A	No	Yes
FH23050	FS19763	7	24 VDC	N/A	No	Yes
FH23054	FS19763	7	12 VDC	120 VAC	No	No
FH23060	FS19765	25	N/A	N/A	No	Yes
FH23061	FS19763	7	N/A	N/A	No	Yes
FH23067M*	FS19765	25	24 VDC	N/A	No	Yes
FH23068M*	FS19765	25	Ports Avail.	N/A	No	Yes
FH23069M*	FS19765	25	24 VDC	N/A	Yes	Yes
FH23070	FS19762	20	N/A	N/A	Ports Avail.	No
FH23076	FS19765	25	N/A	N/A	No	No
FH23081	FS19763	7	N/A	120 VAC	Yes	Yes

* M designates metric connections of M22 x 1.5.

** For biofuels above B5, the following gasket pack must be used to replace the standard gaskets that are provided with the filter element, 3950445 S.

*** 98.7% Efficiency

Note: Other filter options at different micron ratings are available. For details see Fleetguard Technical Information Catalog (LT32599). Fuel flow for all part numbers: In Right/Out Left

For more detailed information, refer to the **Fleetguard Technical Information Catalog – LT32599** or visit **Fleetschool** at **cumminsfiltration.com**. To find the nearest retailer of Fleetguard products, visit **cumminsfiltration.com/wrl**.

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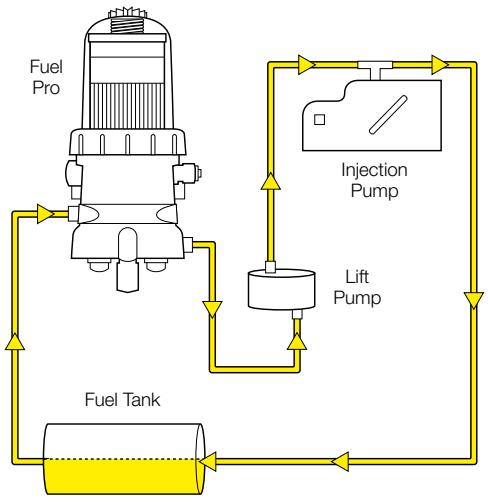
Specifications

Specification	Fuel Pro®
Height Overall	16.13" (409.7 mm)
Depth Overall	7.25" (184.15 mm)
Width, max	6.89" (175 mm)
Mount Bracket Centers	5.91" (150.11 mm)
Weight (Dry)	7.25 - 9.75 lbs (3.9 - 4.42 kg)
Fuel Connection (Inlet)	1/2"-14 NPTF (M22 x 1.5)
Fuel Connection (Outlet)	1/2"-14 NPTF (M22 x 1.5)
Fluid Heat Connection (Inlet)	1/2" NPTF (M22 x 1.5)
Fluid Heat Connection (Outlet)	1/2" NPTF (M22 x 1.5)
Fuel Capacity (w/ filter)	64.2 oz (1.9 L)
Operation Fuel Flow Rate	180 gal/hr (681 L/hr)
Recommended Applications	Heavy Duty Engines
Water Trap Capacity	33.8 fl oz (1.0 L)
Filter Service Clearance	Min. 1.5" (38.1 mm)
Electrical Heater	12 VDC, 250 W, 18 A ± 3 A 24 VDC, 250 W, 11 A ± 2 A 120 VAC, 75 W, 0.65 A ± .1 A
Fuel Types	Compatible for use with Diesel #1, Diesel #2, Kerosene, Biodiesel, & JP8

Specifications subject to change without notice

Typical Installation



Filtration

For more information, visit cumminsfiltration.com

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Fleetguard®

Redesigned with your input

FUEL

FH235 & FH236 Series Diesel Pro®

Diesel Fuel Filtration Systems

Highest Performing

- Best fuel water separation available – with proprietary StrataPore™ media
- Reduced restriction to flow
- Meets OEM efficiency requirements

Easiest to Maintain

- Patented Seeing is Believing® technology – see when NOT to change the filter
- Clear bowl that indicates when to drain
- Five minute, NO MESS filter change
- Low restriction check valve eliminates loss of fuel prime when draining or changing filter
- Supports extended service intervals
- Water-In-Fuel (WIF) sensor available
- Easy priming at service
- Easier collar removal for quicker service

Most Versatile

- Multiple Configurations and Options
  - Reversible port locations for easy installation
  - Heater, WIF Sensor & Filter Change Indicator
- Systems & Filters suitable for various Applications and Markets

All-In-One Fuel Filter, Water Separator and Fuel Heater

Housings Available

Diesel Pro® FH235

New Housing Part Number	Obsoleted Housing Part Number	Filter Element**	Micron Rating	Heater	WIF	Cover	Fuel Flow	Fuel In/Out Port Size
FH23500	FH23200	FS19730	7	N/A	N/A	Short	In R / Out L	⅞" - 14
FH23501	FH23201	FS19730	7	24 VDC, 150 W	N/A	Short	In R / Out L	⅞" - 14
FH23502	FH23202	FS19730	7	12 VDC, 150 W	N/A	Short	In R / Out L	⅞" - 14
FH23508 M *		FS19731	10	N/A	Yes	Short	In R / Out L	⅞" - 14
FH23503 M *	FH23209 M/FH23212 M	FS19785	25	N/A	Yes	Short	In R / Out L	M16 x 1.5
FH23504 M *	FH23210 M/FH23213 M	FS19785	25	24 VDC, 150 W	Yes	Short	In R / Out L	M16 x 1.5
FH23506		FS19731	10	24 VDC, 150 W	Yes	Short	In R / Out L	⅞" - 14
FH23509 M *		FS19731	10	N/A	Yes	Short	In R / Out L	M16 x 1.5
FH23510	FH23215	FS19731	10	12 VDC, 150 W	Yes	Short	In R / Out L	⅞" - 14

Diesel Pro® FH236

New Housing Part Number	Obsoleted Housing Part Number	Filter Element**	Micron Rating	Heater	WIF	Cover	Fuel Flow	Fuel In/Out Port Size
FH23600	FH23302	FS19624	7	N/A	N/A	Tall	In R / Out L	⅞" - 14
FH23601	FH23303	FS19624	7	12 VDC, 150 W	N/A	Tall	In R / Out L	⅞" - 14
FH23602	FH23304	FS19624	7	24 VDC, 150 W	N/A	Tall	In R / Out L	⅞" - 14
FH23607	FH23321 M	FS19727	10	N/A	Yes	Tall	In R / Out L	⅞" - 14
FH23603	FH23308	FS19728	25	N/A	Yes	Tall	In R / Out L	⅞" - 14
FH23604 M *	FH23315 M/FH23318 M	FS19728	25	N/A	Yes	Tall	In R / Out L	M16 x 1.5
FH23605 M *	FH23316 M/FH23319 M	FS19728	25	24 VDC, 150 W	Yes	Tall	In R / Out L	M16 x 1.5
FH23606 M *	FH23322 M/FH23320 M	FS19728	25	24 VDC, 250 W	Yes	Tall	In R / Out L	M16 x 1.5
FH23608 M *		FS19727	10	N/A	Yes	Tall	In R / Out L	M16 x 1.5

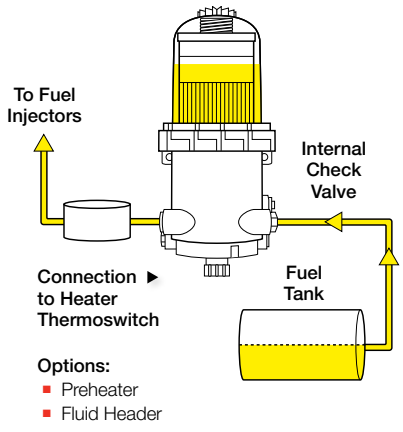
* M = Metric units – not available in Europe
** Other filter options at different micron ratings are available

Specifications

Specification	FH235 Diesel Pro®	FH236 Diesel Pro®
Height Overall	273,1 mm (10.75")	330,2 mm (13.0")
Depth Overall	147,3 mm (5.8")	147,3 mm (5.8")
Width, max	158 mm (6.22")	158 mm (6.22")
Mount Bracket Centers	133,4 mm (5.25")	133,4 mm (5.25")
Weight (Dry)	2,27 kg (5 lbs)	2,27 kg (5 lbs)
Fuel Connection (Inlet)	M16 x 1.5 (⅞" NPTF)	M16 x 1.5 (⅞" NPTF)
Fuel Connection (Outlet)	M16 x 1.5 (⅞" NPTF)	M16 x 1.5 (⅞" NPTF)
Fuel Capacity (w/o filter)	2.08 l (15.2 fl oz)	2.08 l (15.2 fl oz)
Operation Fuel Flow Rate	230 l/hr (60 gal/hr)	341 l/hr (90 gal/hr)
Recommended Applications	Light & Medium Duty Engines	Light & Medium Duty Engines
Water Trap Capacity	0.450 l (15.2 fl oz)	0.450 l (15.2 fl oz)
Filter Service Clearance	38,1mm (Min. 1.5")	38,1mm (Min. 1.5")
Electrical Heater	12 VDC, 150 W = 12.5 A ± 3 A 24 VDC, 150 W = 6.3 A ± 3 A 24 VDC, 250W, 10.4 A ± 3 A	12 VDC, 150 W = 12.5 A ± 3 A 24 VDC, 150 W = 6.3 A ± 3 A 24 VDC, 250W, 10.4 A ± 3 A

Specifications subject to change without notice.
Compatible for use with Diesel #1, Diesel #2, Kerosene, Biodiesel, and JP8.

Typical Installation



Filtration

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