FG-300 / FG-450

DIESEL PETROL BIODIESEL

Filters of particles and water absorbent

FG-300/2,5 · F2" · 2,5 µm	66194-CF0003
FG-300/3 · water absorbent with aluminium housing · F2" · 3 µm	661900400
FG-300/5 · water absorbent with aluminium housing · F2" · 5 µm	661900300
FG-300/15 · water absorbent with aluminium housing · F2" · 15 µm	66192
FG-300/50 · F2" · 50 µm	66191
FG-450/15 · water absorbent with aluminium housing · F2" · 15 µm	663700000
FG-450/50 · F2" · 50 µm	663700100

APPLICATION

- These filters are suitable for particle microfiltration and, depending on the model, the water absorption.
- It is possible to drain through the manual drain valve placed in the microfilter bottom.
- Suitable for the microfiltration of diesel, petrol, kerosene, AVGAS, JET A-1, in general, hydrocarbon liquids.
- Differential manometer that shows the filter saturation level.
- The microfilter is supplied with the filtering element installed.

EASY FILTER REPLACING

- Unscrew the 6 screws of its top. Replace the microfilter, assuring that the joint is correctly placed to avoid any liquid leak.

FG-300

300 L/MIN

2″



FG-450

450 L/MIN

2″



FG-300 / FG-450

DIESEL PETROL BIODIESEL

Housings

	FG-300	FG-450
Filter cover and heading	aluminium	aluminium
Filter body	aluminium	AISI-304 stainless steel
Volume	15 litres	30 litres
Flow	300 l/min	450 l/min
Manometer	differential manometer	differential manometer
Inlet/Outlet connections	F2"	F2"
Drain Valve	manual lower drain valve	manual lower drain valve
Installation	in the suction or the delivery of the pumping kit	in the suction or the delivery of the pumping kit
Maximum working pressure	6 bar	6 bar
Max. housing pressure	10 bar	10 bar
Size ØxWxH (approx.)	254x312x670 mm	254x312x1,150 mm
Weight (approx.)	17 kg	27 kg



1 cartridge 2 cartridges

Available cartridges

FG-300-450/2.5 $ß_{2.5} \geq 1000$ **Certificate according to ISO 16889 & DFE*	Glass microfibre	802700044	-----
FG-300-450/3 $ß_{10} \geq 1000$	Water absorbent paper	661908002	—
FG-300-450/5 $ß_{20} \geq 1000$	Water absorbent paper	661908003	—
FG-300-450/15 $ß_{30} \geq 1000$	Water absorbent paper	661908000	—
FG-300-450/50 $ß_{50} \geq 1000$	Paper	661908001	—
Mesh prefilter · 100 µm	Stainless Steel	661903004	
Mesh prefilter · 200 µm	Stainless Steel	661903010	

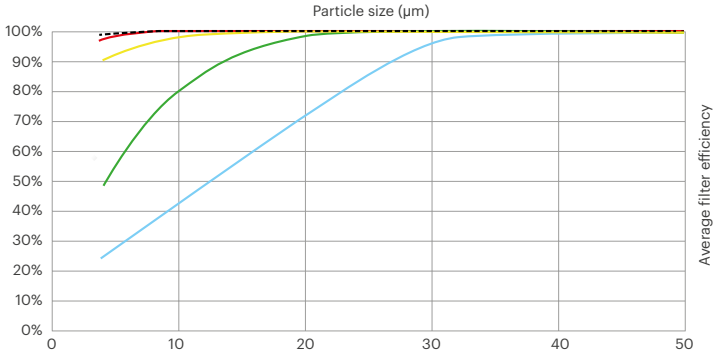
OPTIONAL

The metallic cabinet protects the microfilter physically and visually.

Colour customisation.



AVERAGE EFFICIENCY

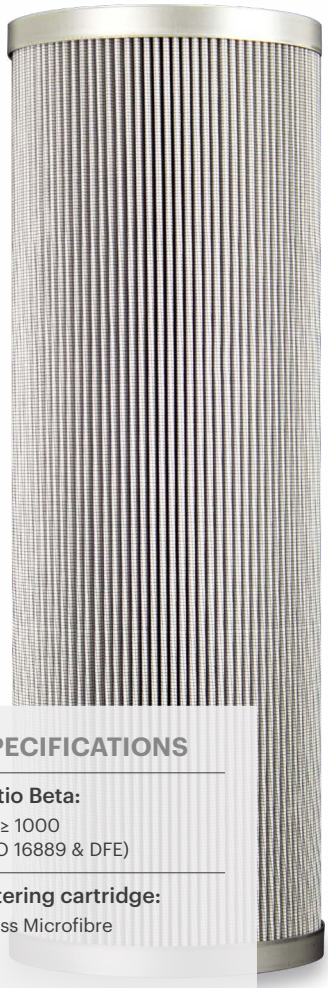


FG-300 / FG-450

DIESEL · PETROL · BIODIESEL

Available cartridges

GLASS MICROFIBRE



SPECIFICATIONS

Ratio Beta:
$ß_{2,5} \geq 1000$
(ISO 16889 & DFE)

Filtering cartridge:
Glass Microfibre

WORKING LIMITS

Change recommended in:
1.8 bar · 25 psid

Maximum Temperature:
121 °C · 250 °F

Collapse ratio:
10.6 bar · 150 psid

PAPER



SPECIFICATIONS

Ratio Beta:
Depending on the model

Filtering cartridge:
Paper or water absorbent paper

WORKING LIMITS

Change recommended in:
1.8 bar · 25 psid

Maximum Temperature:
107 °C · 225 °F

Collapse ratio:
7 bar · 100 psid

STAINLESS MESH



SPECIFICATIONS

Filtering cartridge:
Mesh of stainless steel of de 100 or 200 µm