



Physical Dimensions	Metric	US
Height	346mm	13 1/2"
Diameter	127mm	5"
Weight	3kg	6 3/4lbs
Maximum Pressure	70 psi (fuel) / 80 psi (oil)	
Rec. Operating Pressure	40 psi (fuel) / 20-60 psi (oil)	



FMF1 Fuel Filters are suitable for use on:

- small diesel engines
- small gensets
- remote engine installations
- backhoes
- forklifts (under 5 tons)
- trucks (2-4 tons)
- agricultural equipment (less than 50 HP)

FMF1 filters include 1 element and:

- 2 x 1/2" BSPT female threads for inlet and outlet.
- 1 x 1/4" BSPT female thread for fitting a pressure gauge or as a drain.
- 1 x 6mm (1/4") hole in the 10mm (3/8") return tube allows fuel to flow through unrestricted.

Filter Technology fuel filters are a full flow filter unit. There are three basic considerations when installing Filter Technology fuel filters:

1. Mounting location.
2. Bleed off point for the existing system to the filter.
3. Return from the filter into the existing system.

FMF1 Flow Rates

Line in pressure (psi)	Line out flow (L/min)	Line out flow (Gals/hour)
20	7.50	100
30	11.00	147
40	14.00	186
50	16.00	213
60	18.50	246
70	20.50	273
80	22.00	293
90	23.75	316
100	25.00	333

FMO1 Oil Filters are suitable for use on:

- small gearboxes
- lubrication systems (up to 50 litres / 11 gallons)
- hydraulic systems (up to 100 litres / 22 gallons)
- small diesels, forklifts and stationary powerplants

FMO1 filters include 1 element and:

- 2 x 1/2" BSPT female threads for inlet and outlet.
- 1 x 1/4" BSPT female thread for fitting a pressure gauge or as a drain.
- 1 x 1.5mm (1/16") hole in the 10mm (3/8") return tube controls flow in engines or 1 x 6mm (1/4") hole controls flow in hydraulics.

Filter Technology oil filters are a by-pass filter unit. There are three basic considerations when installing Filter Technology oil filters:

1. Mounting location.
2. Oil pressure source.
3. Oil return points.

FMO1 Flow Rates

Line in pressure (psi)	Line out flow (L/min)	Line out flow (Gals/hour)
20	0.20	2.5
30	0.27	3.5
40	0.36	4.75
50	0.46	6
60	0.53	7
70	0.60	8
80	0.63	8.5
90	0.67	9
100	0.71	9.5