



## FM3003 Engine Oil Filtration Unit



Dimensions	Metric	US
Height	700 mm	27.5"
Diameter	127 mm	5.0"
Weight	6.0 kg	13 lb
Maximum Pressure	5.52 bar	80 psi
Rec. Operating Pressure	1.38-4.14 bar	20-60 psi

### FM3003 Engine Oil Filters are suitable for use on:

- lubrication systems 75–100 litres (17–22 gals)
- hydraulic systems 200–400 litres (44–88 gals)
- small diesels 20–35 litre (5–7 gals) sump capacity
- most trucks and gensets
- stationary engines and small gearboxes
- multiples used for engines above 500 hp

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

- Mounting location.
- Oil pressure source.
- Oil return points.

### FM3003 filters include 3 elements and:

- 3 x 3/4" UNO female threads for inlet and outlet and pressure gauge or drain.
- 3 x 1.5 mm (1/16") holes in the 10 mm (3/8") return tube which controls flow in engines, or 3 x 6 mm (1/4") holes which controls flow in hydraulics.

### FM3003 Flow Rates

Line in pressure		Line out flow	
bar	psi	L/min	gals/hr
1.38	20	1.40	18
2.07	30	1.90	25
2.76	40	2.40	32
3.45	50	3.00	40
4.14	60	3.30	44
4.83	70	4.00	53
5.52	80	5.00	66
6.21	90	5.40	72
6.89	100	6.00	80