

FTP-180-6-HP Offline Filtration System (Stationary Rlgs)

The FTP-180-6 is a offline filtration system for oils & fuels. It consists of 6x FTP180 filter housings arranged in parallel to cope with oil flows of up to 20 L/min and 10 bar pressure. Inlet and outlet ports are 1/2" BSP (M) 60° coned. An internal bypass circuit opens at 4 bar that allows oil to pass directly from the inlet line to the outlet.

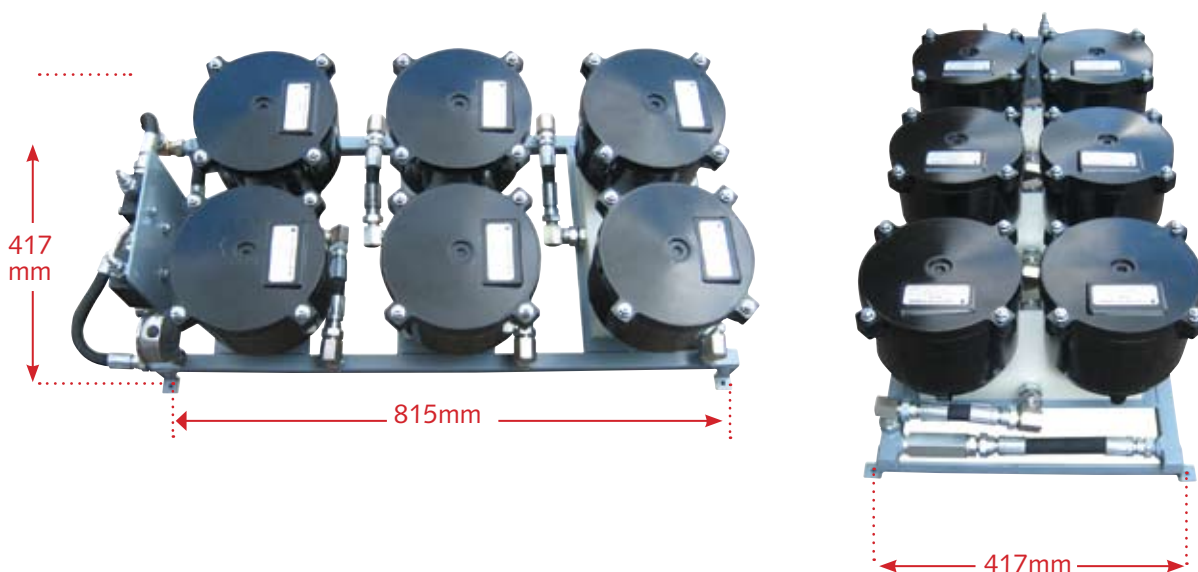
Various valve arrangements can be incorporated into the inlet of the unit to allow it to be used on high pressure and high flow systems. The value limits the feed to 20 l/min at 4 bar. Higher flow units are available on request.



Specification:

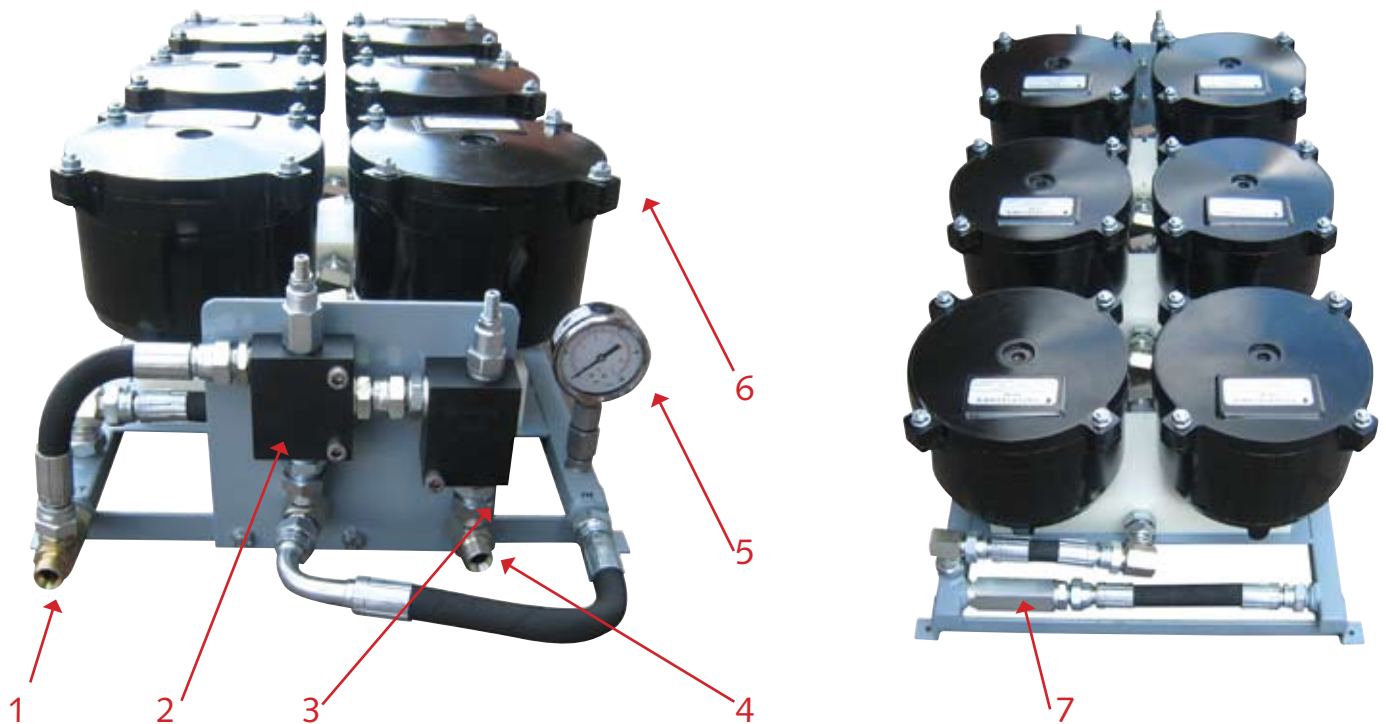
Dimensions:	Height: 272mm Width: 440mm Length: 900mm
Weight:	38.6 kg
Connections:	1/2" BSP (m) 60 degrees
Flow:	20 l/min max
Inlet Pressure:	10 bar max (HP version 350 bar)
Temp:	80°C max
Mounting dimensions:	Hole diameter 8mm

Available in multiple option FTP180 housing configurations



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System layout:



1. Return to tank 1/2" BSP (M) (low pressure)
2. PRDBLENECV/S direct acting pressure reducing valve (4 bar)
3. FDBALANGAV/S pressure compensated flow control valve (20 l/min)
4. Inlet 1/2" BSP (M)
5. Inlet pressure gauge
6. FTP-180 filter housing
7. Bypass valve (4 bar relief)

Filter change procedure:

1. When the filters are blocked the unit will go into bypass mode. This happens at approximately 4 BAR (60 psi). At this time fluid is bypassing the filters.
2. Ensure the unit is isolated and the pressure gauge is reading zero.
3. Remove the wing nuts and lids from the filter pots.
4. Pull out the old elements using the black straps. The elements may have expanded in the pot so may be a tight fit, this is normal. Dispose of used elements responsibly.
5. Fit new elements (Part number: SDFC(W2-disc)) ensuring the brass ring faces upwards. Replace the lids and ensure the wing nuts are hand tight.