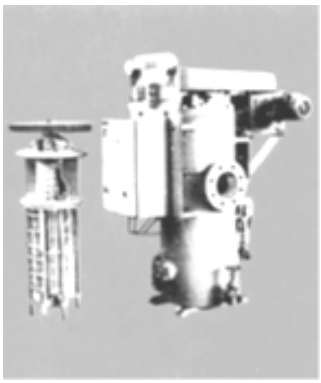
auto-klean
Filter Anything That Flows

TYPES FF60TME FF80T2ME FF60T FF80T2

DESCRIPTION

auto-klean® flushflo® FF60TME, FF60T, FF80T2ME and FF80T2 self-cleaning filters are fitted with elements that are of all-metal wire-wound construction. They are cleaned without interrupting the flow of liquid by one complete turn of the element spindle, which causes the accumulated solids to be removed by a scraper and desposited into the filter sump. At the same time the filter outlet pressure is utilised to cause a reverse flow of clean liquid through the element into a slot in the hollow scraper. This flushes away the small solids trapped by the mesh out of reach of the scraper blade. The contaminated flushing liquid is ducted through the filter body to a discharge valve and is either led to waste or cleaned in a sediment collector incorporated in the filter and returned to the system. The sediment collector, when fitted, is a small Auto-Klean plate type filter.

FF60TME and FF80T2ME filters are supplied either with fully automatic or continuous drive for both the main filter and sediment collector. FF60T and FF80T2 filters are for manual operation only.



APPLICATIONS

All grades of oils and distillates, water, chemicals, beverages, food products, paints, resins, greases, pulp and industrial liquids of every kind.

Auto-Klean Flushflo filters are particularly recommended for service with liquids containing a high proportion of abrasive solids.

ELEMENTS

230mm diameter x 450mm long (9" diameter x 18" long)
Filters FF60T & FF60TME have one element.
Filters FF80T2 and FF80T2ME have two elements.

Mesh .38mm(.0015") .076mm (.003") .127mm (.005")
.203mm (.008") .254mm (.010") .381mm (.015")
.508mm (.020") 1.016mm (.040")

CONNECTIONS

6" dia. BS10 Table E standard for FF60T & FF60TME filters.
8" dia. BS10 Table E standard for FF80T2 & FF80T2ME filters.
Metric alternatives to above are 150mm nominal bore and 200mm nominal bore.

PRESSURE

Maximum Working 5.2 bar (75lb/in^2)
Test 10.5 bar (150lb/in^2)

MATERIALS

Body	Mild Steel
Cover	S.G. Iron
Internals	Brass & Steel
Wire	Stainless Steel

SUMP CAPACITY See table on page 2

WEIGHTS See table on page 2

DIMENSIONS See drawing and table on page 2

FLOW RATES

Auto-Klean Flushflo FF Filters must operate with outlet pressure not less than 0.7 bar (10 lb/in^2). The flow-rates listed below cover only a limited range of applications. Capacities for other liquids and meshes will be quoted on request.

Maximum flow-rate per element under any condition: **273 metres^3 (60,000 gallons)** per hour.

Service	Auto-Klean Mesh mm	Auto-Klean Mesh in	Equivalent Gauze Mesh	Capacity Filters with one element FF60TME & FF60T: Gallons Per Hour	Capacity Filters with one element FF60TME & FF60T: Metres^3 Per Hour	Capacity Filters with two elements FF80T2ME & FF80T2: Gallons Per Hour	Capacity Filters with two elements FF80T2ME & FF80T2: Metres^3 Per Hour
Water (Single Pass) and Soluble Oils (Recirculating)	.075 .125 .200	.003 .005 .008	150 X 150 100 X 100 80 X 80	15000 30000 35000	68 136 160	30000 60000 70000	136 272 320
				Viscosity Seconds Redwood No.1: 100 / 500	Viscosity Engler Degrees: 3.3° / 16.2°	Viscosity Seconds Redwood No.1: 100 / 500	Viscosity Engler Degrees: 3.3° / 16.2°
Lubricating Oils (Recirculating)	.075 .125 .200	.003 .005 .008	150 X 150 100 X 100 80 X 80	22900 9300 25200 13100 26800 16300	104 42 115 60 122 74	45800 18600 50400 26200 53600 32600	208 84 230 120 244 148

03303 320 671 Sales@thefiltercompany.co.uk www.auto-klean.com

Unit 11a Ascot Park Estate, Lenton Street, Sandiacre, Derbyshire. NG10 5DL

VAT No. 287019177 Company Reg. No:11077293

auto-klean® filtration limited

Engineers in Filtration

Unit 11a, Ascot Industrial Estate,
Lenton Street,
Sandiacre,
Notts. NG10 5DJ, U.K.

Tel. 0870 421 4206
Fax. 0870 421 4207

www.auto-kleanfiltration.co.uk
E-Mail: sales@hse-ltd.com

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