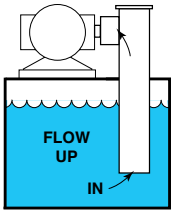
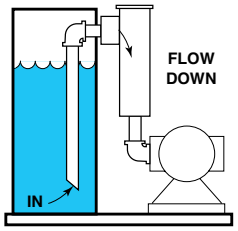
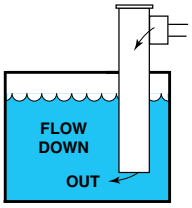
Model TF-U-L100 shown in the most frequent T-Filter arrangement.



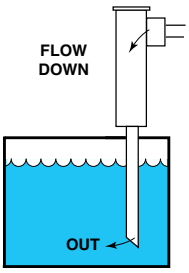
On an L-shaped reservoir, a TF-D-S50 T-Filter is used to filter the suction line to the pump.



An open-bottomed Model TF-D-L45 filters fluid as it returns to the tank.



Model TF-D-S23 serves here as a return-line filter.



SENSIBLE, HIGH-CAPACITY, HIGHLY-VERSATILE FILTERS

The T-Filter concept is to provide large-area (low pressure drop) filter elements, that are easily replaced, in low-cost housings made of welded steel tube. Elements can be cleanable wire mesh or throw-away fiber.

Install inside or outside the tank. Eliminate the usual pipe between tank and filter, and one pipe elbow.

Two element lengths available. Long elements in housings with unthreaded bottoms are usually specified for in-tank installations. The long elements also come in housings with threaded bottoms for piped installations.

For lower capacity or more compact installations, a series of short elements are available, in housings with threaded bottom ports only.

Two element designs. One for "flow-up" and one for "flow-down" filtering.

Easy element servicing. Elements lift straight up out of the clean-out port, which also serves as a filling port.

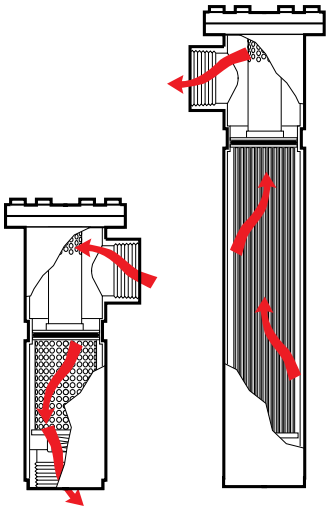
FILTER ELEMENT RATINGS AND AREAS

SYMBOL	DESCRIPTION	RATING, um		SQUARE INCHES OF ELEMENT PER MODEL						
		Nominal	Absolute TF-P12	TF-L12 TF-P18	TF-L18 TF-P45	TF-L45 TF-P100	TF-L100	TF-S9	TF-S23	TF-S50
238	Stainless steel wire, 60 mesh	238	-	120	230	315	460	115	157	230
149	Stainless Steel wire, 100 mesh	149	-	120	230	315	460	115	157	230
74	Stainless steel wire, 200 mesh	74	-	120	230	315	460	115	157	230
40A	Synthetic fiber (single layer)	50	85	N/A	150	360	680	75	180	340
15A	Synthetic fiber (double layer)	42	70	N/A	110	280	510	60	150	250
20C	Cellulose fiber	23	65	N/A	223	580	1200	110	285	500
10C	Cellulose fiber	13	30	N/A	223	580	1200	110	285	500

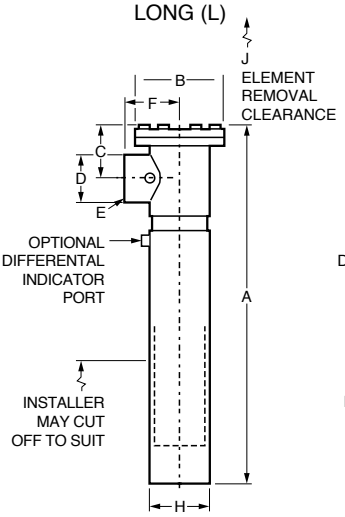
T-FILTERS®

Open-bottomed T-Filter is shown with a long flow-up type element.

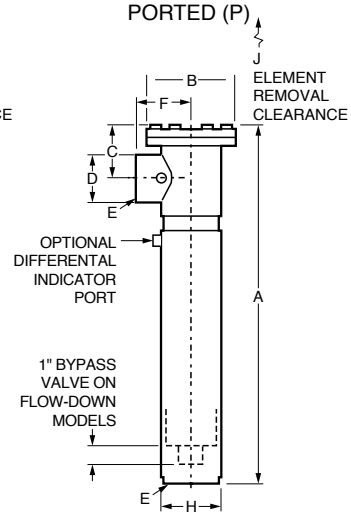
T-Filter with a threaded port at the bottom is shown with a short flow-down type element.



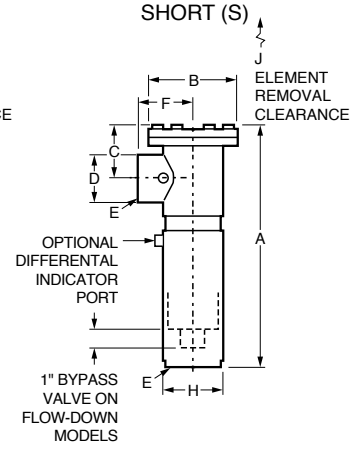
LONG (L)



PORTED (P)



SHORT (S)



DIMENSIONS

FILTER MODEL	A LENGTH	B DIA.	C	D DIA.	E NPT	F	G	H	J
L12	20-1/2	3-1/8	2-3/8	1-5/8	1	2-1/2	18-1/8	1-7/8	19
L18	24-1/2	3-5/8	2-1/2	2	1-1/4	2-3/4	22	2-3/8	20
L45	26-1/2	4-5/8	3	2-3/4	2	3-1/4	23-1/2	3-1/2	21
L100	30-1/2	5-3/4	3-5/8	4	3	4-1/4	26-15/16	4-1/2	22
P12	21	3-1/8	2-3/8	1-5/8	1	2-1/2	18-11/16	1-7/8	19
P18	25	3-5/8	2-1/2	2	1-1/4	2-3/4	22-9/16	2-3/8	20
P45	27-1/16	4-5/8	3	2-3/4	2	3-1/4	24-1/8	3-1/2	21
P100	31-3/4	5-3/4	3-5/8	4	3	4-1/4	27-13/16	4-1/2	22
S9	14-1/2	3-5/8	2-1/2	2	1-1/4	2-3/4	12-1/16	2-3/8	13
S23	15-1/4	4-5/8	3	2-3/4	2	3-1/4	12-1/4	3-1/2	13
S50	17-1/8	5-3/4	3-5/8	4	3	4-1/4	13-5/8	4-1/2	14-1/2

HOW TO ORDER

EXAMPLE: TF - U - L100 - 74 - F3 - 3 - M - S

FILTER SERIES
T-Filter = **TF**

FLOW DIRECTION
Up = **U**
Down = **D**

FILTER MODEL
Long element, open (non-threaded) bottom
L12, L18, L45, L100
Long element, ported (threaded) bottom
P12, P18, P45, P100
Short element, ported (threaded) bottom
S9, S23, S50

ELEMENT
Cleanable wire mesh
238, 149, 74
Throwaway type
15A, 40A, 20C, 10C

INDICATOR
No Symbol = No indicator
S = For Suction Line
SM = Suction with memory
R = For Return Line
DP = Pressure differential indicator

MAGNETS
No Symbol = No magnets
M = Magnets

BYPASS VALVE
No Symbol = No valve
3 = 3 psi
5 = 5 psi
15 = 15 psi
25 = 25 psi

SEALS
No Symbol = Buna N
F3 = Viton