

TCH-SW CARTRIDGE FILTER HOUSING



MEY's TCH-SW Series is a comprehensive range of cartridge filter housings with a cost effective stainless steel casting cover and housing body flange. And the heavy duty swing bolt top closure to allow quick filter cartridge change out. Generally used for the commercial and industrial applications.

Typical Application:

- Water treatment
- Municipal Water Treatment
- Industrial Water Treatment
- Pulp and Paper
- Pharmaceutical
- Lubricants, Metalworking Fluids
- Solvents
- Food and Beverage
- Chemical Processing
- Paints, Inks, Resins and Coatings
- Electronics
- Petrochemicals

Filter Specifications

Cartridge Size

10", 20", 30", 40"

Number of Cartridge

3, 4, 5, 7 Rounds

Cartridge Support

DOE

Housing Material

SS304, SS316L, CARBON STEEL

Inlet & Outlet

DIN / ANSI / BSP / NPT

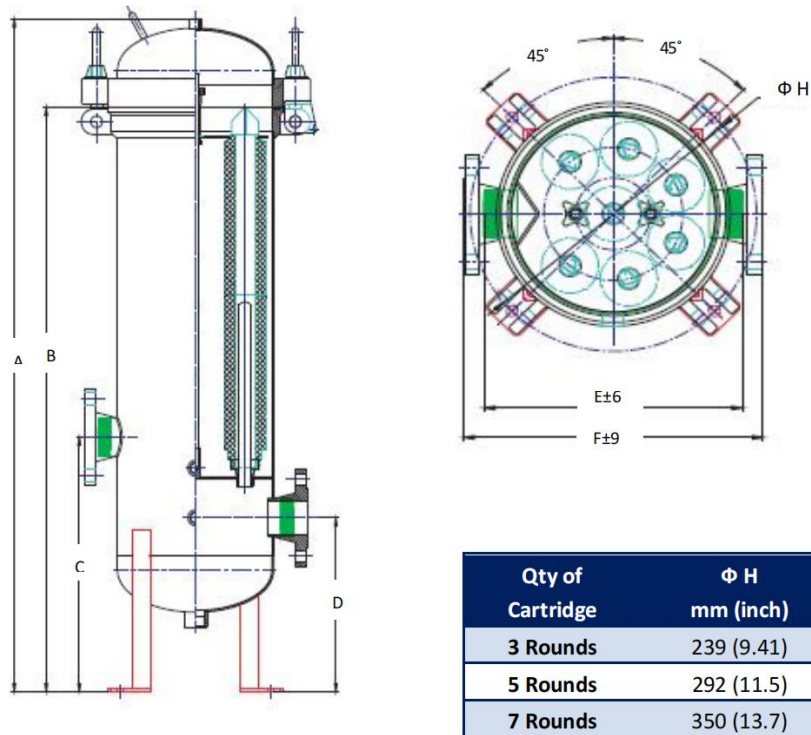
Max. Operating Temperature

150 °C

Max. Operating Pressure

10Bar (150PSI)

■ TCH-SW



All Dimensions are for reference only

3 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm					
			A	B	C	D	E	F
10"	15(3.4)	1.5"NPT	711	607	228	203.5	114.5	228
20"	30(6.8)	1.5"NPT	965	861	228	203.5	114.5	228
30"	45(10.2)	1.5"NPT	1219	1115	228	203.5	114.5	228
40"	60(13.6)	1.5"NPT	1473	1369	228	203.5	114.5	228

5 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm					
			A	B	C	D	E	F
20"	50(11.4)	2"NPT	1014	987	349.7	247.7	279	341
30"	75(17.0)	2"NPT	1268	1241	349.7	247.7	279	341
40"	100(22.7)	2"NPT	1522	1495	349.7	247.7	279	341

7 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm					
			A	B	C	D	E	F
20"	70(15.9)	2"NPT	1059	920	401	274	316	366
30"	105(23.9)	2"NPT	1313	1174	401	274	316	366
40"	140(31.8)	2"NPT	1567	1428	401	274	316	366

Note:1,Above Flow rate is for guide line only. 2,Flow rate is based on 5gpm/TIE 25 micron string wound. Cartridge and clean water(viscosity cp=1) at 2PSID All dimensions are for reference.

Order Information

TCH	-03	-02	SS304	1.5T	SW	GB
Model	Qty of Cartridges	Cartridge Length	Material	INLET/OUTLET SIZE	TOP CLOSURE	Surface Finish
TCH	03=3 rounds	10=10"	SS304	1.5T=1.5" MNPT	SW=Swing	GB=Glass bead
	04=4 rounds	20=20"	SS316L	1.5F=1.5" RF Flange	Bolt	PC=Poly coat
	05=5 rounds	30=30"		1.5VC=1.5" Victaulic		EP=Electro-polishing
	07=7 rounds	40=40"		2T=2" MNPT		
				2F=2" RF Flange		
				2VC=2" Victaulic		



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