

TCH-VC CARTRIDGE FILTER HOUSING



MEY's TCH-VC Series is a comprehensive range of cartridge filter housings with a economical design, and includes a wide selection of styles to suit general commercial and industrial applications liquid applications. The V-clamp band top closure to allow quick filter cartridge change outs.

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, 12, 22Rounds

Cartridge Support

DOE

Housing Material

SS304, SS316L, CARBON STEEL

Inlet & Outlet

DIN / ANSI / BSP / NPT

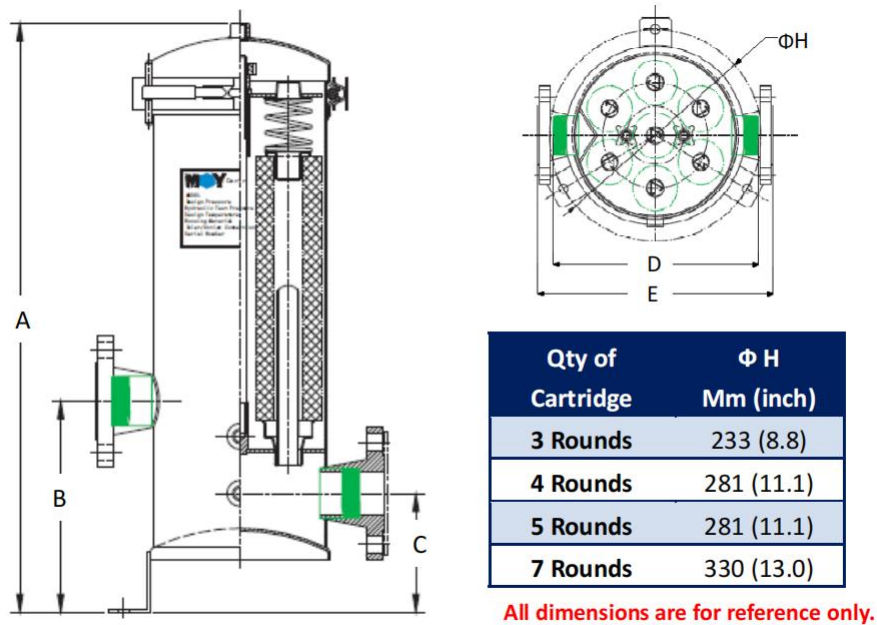
Max. Operating Temperature

150 °C

Max. Operating Pressure

10Bar (150PSI)

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3 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	E
10"	15(3.4)	1.5"NPS	568	203.5	114.5	228	278
20"	30(6.8)	1.5"NPS	822	203.5	114.5	228	278
30"	45(10.2)	1.5"NPS	1076	203.5	114.5	228	278
40"	60(13.6)	1.5"NPS	1330	203.5	114.5	228	278

4 and 5 Round Housing

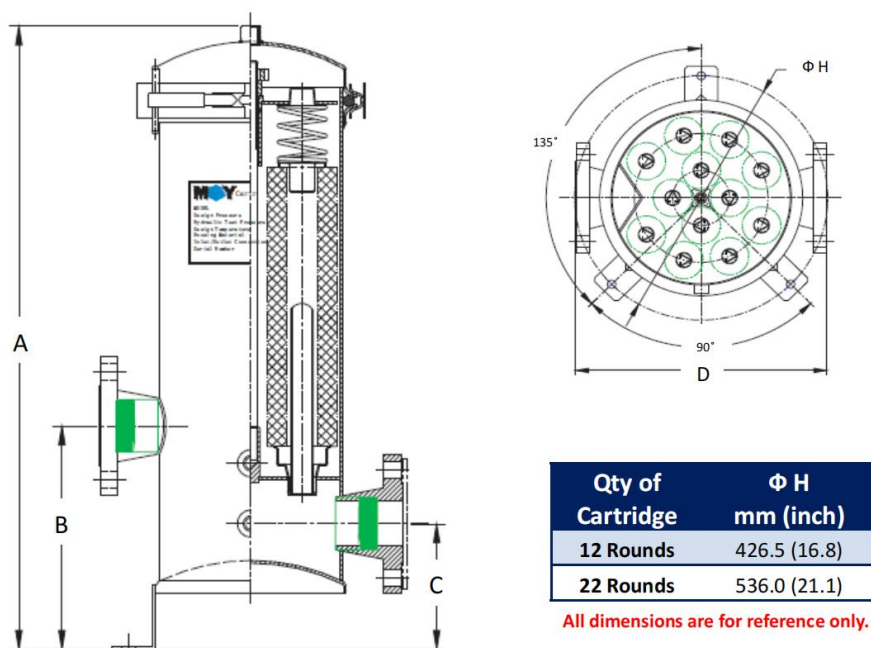
Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	E
20"	40/50(9.1/11.4)	2"NPS	857	242	140	260	305
30"	60/75(13.6/17.0)	2"NPS	1111	242	140	260	305
40"	80/100(18.2/22.7)	2"NPS	1365	242	140	260	305

7 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	E
20"	70(615.9)	2"NPS	822	269	148	316	366
30"	105(23.6)	2"NPS	1145	269	148	316	366
40"	140(31.8)	2"NPS	1399	269	148	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.

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12 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm			
			A	B	C	D
30"	180(40.9)	3"RF Flange	1303	384	248	424
40"	240(54.5)	3"RF Flange	1557	384	248	424

22 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm			
			A	B	C	D
30"	330(75.0)	4"RF Flange	1321	387	241	537
40"	440(100.0)	4"RF Flange	1575	387	241	537

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	VC	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	VC=V-CLAMP	GB=Glass bead
	04=4 rounds	20=20"	SS316L	1.5F=1.5" RF Flange		PC=Poly coat
	05=5 rounds	30=30"		1.5VC=1.5" Victaulic		EP=Electro-polishing
	07=7 rounds	40=40"		2T=2" MNPT		
	12=12 rounds			2F=2" RF Flange		
	22=22 rounds			2VC=2" Victaulic		
				3F=3" RF Flange		
				4F=4" RF Flange		



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