

MCH-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 features of this series filter housing is that it has in a European design with the middle opening by a V-clamp band closure, this allows to easy and 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, 10, 12, 15 Rounds

Cartridge Support

DOE

Housing Material

SS304, SS316L, CARBON STEEL

Inlet & Outlet

DIN / ANSI / BSP / NPT

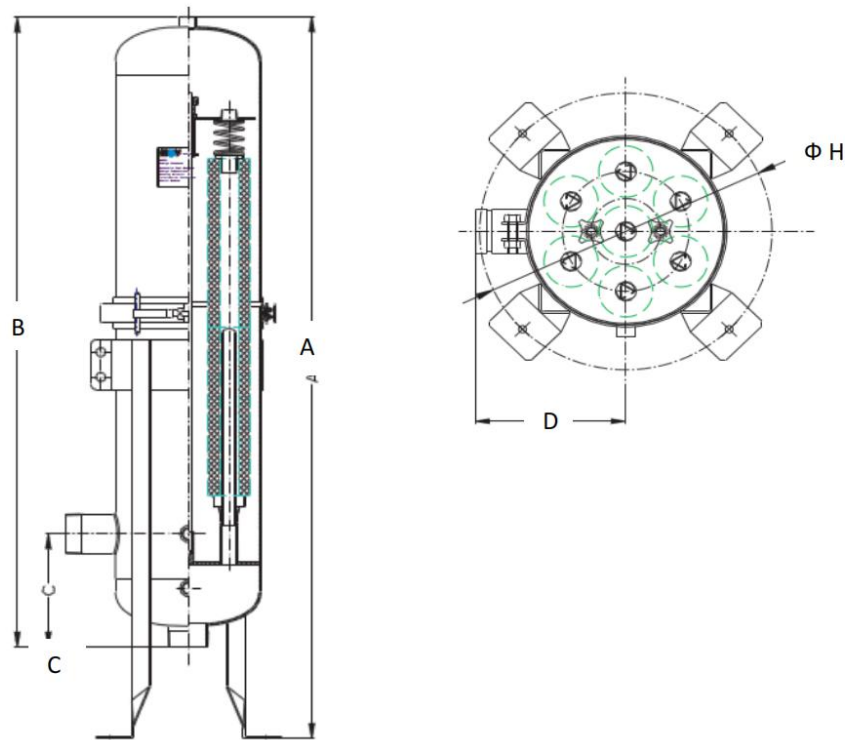
Max. Operating Temperature

150 °C

Max. Operating Pressure

10Bar (150PSI)

■ MCH-VC



3 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	Ø H
10"	15(3.4)	1.5"MNPT	871-1066	694	170	145	290
20"	30(6.8)	1.5"MNPT	1125-1320	948	170	145	290
30"	45(10.2)	1.5"MNPT	1397-1574	1202	170	145	290
40"	60(13.6)	1.5"MNPT	1633-1828	1456	170	145	290

5 Round Housing

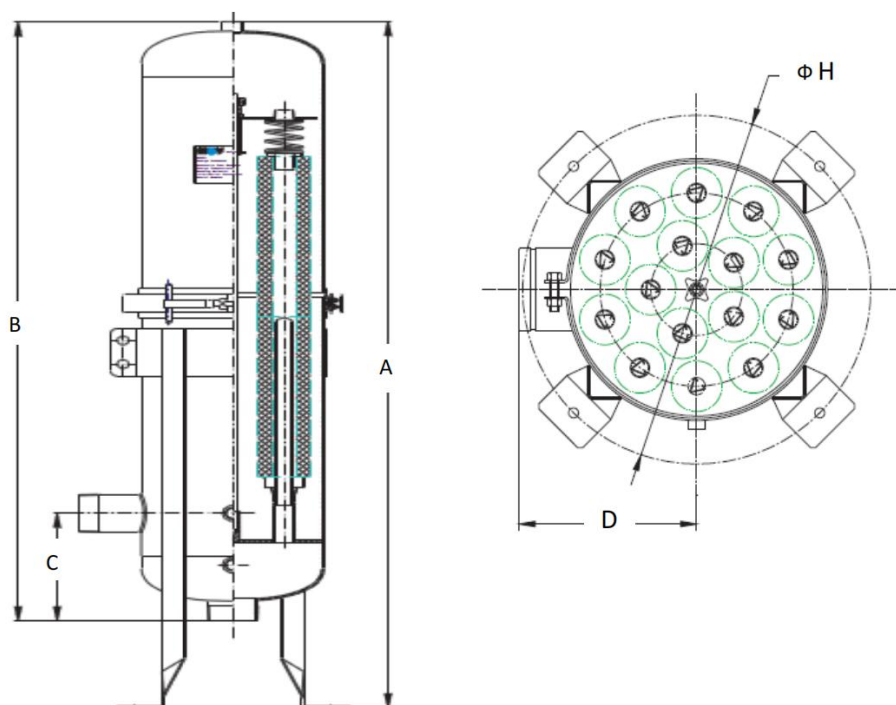
Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	Ø H
20"	50(11.4)	2"MNPT	1085-1260	948	170	185	340
30"	75(17.0)	2"MNPT	1339-1514	1202	170	185	340
40"	100(22.7)	2"MNPT	1593-1768	1456	170	185	340

7 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	Ø H
20"	70(15.9)	2"MNPT	1104-1294	1014	200	195	375
30"	105(23.9)	2"MNPT	1358-1548	1268	200	195	375
40"	140(31.8)	2"MNPT	15612-1802	1522	200	195	375

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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10 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	Ø H
20"	100(22.7)	2.5"VC	1015-1285	220	220	200	424
30"	150(34.1)	2.5"VC	1264-1539	220	220	200	424
40"	200(45.6)	2.5"VC	1518-1793	220	220	200	424

12 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	Ø H
20"	120(27.3)	3"VC	960-1210	950	210	235	450
30"	180(40.9)	3"VC	1214-1464	1204	210	235	450
40"	240(54.5)	3"VC	1468-1718	1458	210	235	450

15 Round Housing

Length	Flow rate Gpm(m ³ /hr)	Connection Inlet/Outlet	Dimensions,mm				
			A	B	C	D	Ø H
30"	225(51.1)	4"VC	1324-1574	1314	245	200	480
40"	300(68.2)	4"VC	1578-1828	1568	245	200	480

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

MCH	-03	-02	SS304	1.5T	VC	GB
Model	Qty of Cartridges	Cartridge Length	Material	INLET/OUTLET SIZE	TOP CLOSURE	Surface Finish
MCH	03=3 rounds	10=10"	SS304	1.5VC=1.5" Victaulic	VC=V-CLAMP	GB=Glass bead
	05=5 rounds	20=20"	SS316L	2VC=2" Victaulic		PC=Poly coat
	07=7 rounds	30=30"		2.5VC=2.5" Victaulic		EP=Electro-polishing
	10=10 rounds	40=40"		3VC=3" Victaulic		
	12=12 rounds			4VC=4" Victaulic		
	15=15 rounds					



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