

## TCH-SWD CARTRIDGE FILTER HOUSING



MEY's TCH-SW Series is a comprehensive range of cartridge filter housings. The heavy duty swing bolt top closure with Davit arm hand wheel assist open to allow quick filter cartridge change out. The housing hold filter cartridges 12, 22 rounds, in either 30-inch, or 40-inch lengths, accepts DOE and 222 filter cartridges in common.

### 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

30", 40"

#### Number of Cartridge

12, 22 Rounds

#### Cartridge Support

DOE, 222

#### Housing Material

SS304, SS316L, CARBON STEEL

#### Inlet & Outlet

DIN / ANSI / BSP / NPT

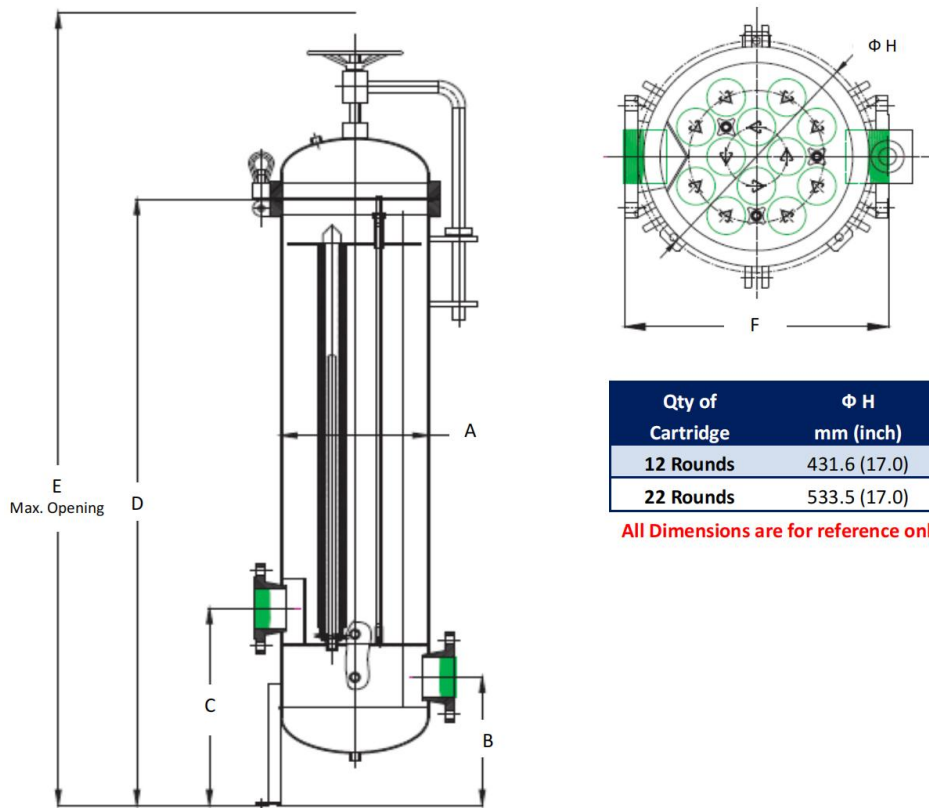
#### Max. Operating Temperature

150 °C

#### Max. Operating Pressure

10Bar (150PSI)

■ TCH-SWD



## 12 Round Housing

Length	Flow rate Gpm(m <sup>3</sup> /hr)	Connection Inlet/Outlet	Dimensions,mm					
			A	B	C	D	E	F
30"	180(40.9)	3"RF FI	356	325	500	1288	1718	479.6
40"	240(54.5)	3"RF FI	356	325	500	1542	1972	479.6

## 21 Round Housing

Length	Flow rate Gpm(m <sup>3</sup> /hr)	Connection Inlet/Outlet	Dimensions,mm					
			A	B	C	D	E	F
30"	315(71.6)	4"RF FI	457	384.2	616.6	1384	1846	548.8
40"	420(95.5)	4"RF FI	457	384.2	616.6	1638	2100	548.8

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	SWD	GB
Model	Qty of Cartridges	Cartridge Length	Material	INLET/OUTLET SIZE	TOP CLOSURE	Surface Finish
TCH	12=12 rounds	30=30"	SS304	3F=3" RF Flange	SW=Swing	GB=Glass bead
	22=22 rounds	40=40"	SS316L	3T=3" NPT	Bolt Davit	PC=Poly coat
				3VC=3" Victaulic		EP=Electro-polishing
				4F=4" RF Flange		
				4T=4" NPT		
				4VC=4" Victaulic		



Mey Membrane Technology Co.,Ltd  
 Add.:Fuyang district, Hangzhou  
 Tel.:0571-63465770