

mmp[®]

Polypropylene Homopolymer Filter Housing



Polypropylene Homopolymer filter housing make up for the unsuitable use of stainless steel housings. Because in the filtration of strong acids and alkalis and strong corrosive liquids, stainless steel filter housing cannot be used, so polypropylene homopolymer cartridge filter housing has their remarkable superior performance. The polypropylene homopolymer housing is one-piece injection molding, no seams, no dead ends, easy to clean, good sealing, with strict leak proof design, the filtrate will not bypass, not leak, suitable for installing various depth filter elements, it has good filtration effect and long service life. Polypropylene homopolymer filter housing is a high quality, high efficiency, economical and practical excellent filtration system.

Features

- All-match international standard for inlet and outlet flanges.
- No effusion: smooth interior and good sealing design, no residual liquid in the filter.
- High pressure resistance maximum working pressure 8 bar, working temperature 90°C.
- Good sealing: all the sealing rings are made of fluorine rubber, which makes the corrosion resistance better.
- Conventional operation: quick opening and easy installation and disassembly, easy to replace filter element consumables.
- Acid and alkali resistance suitable for 30% concentration of hydrochloric acid less than 80% concentration of sulfuric acid.
- Seamless barrel: The housing and flanges are injection molded at one time, without seams, with a smooth appearance and no leakage points.

Specifications

Housing Materials	Polypropylene Homopolymer
Housing direction	Vertical
Depth filter type	String Wound Cartridge Melt Blown Cartridge Pleated Cartridge Filter Bags High flow Cartridge
Housing Thickness	16 mm, 22 mm
Connection	Side port, Bottom port
Inlet/ Outlet Type	Flange
Inlet/Outlet Size	DN40, DN50, DN65, DN80 DN100
Sealing Type	Screwing cap type, Swing bolt type
Seal material	Viton

Applications



PCB Industry



Metal Plating



LED Equipment



Potion Processing



Chemical Industry



Inks & Coatings



Sewage Treatment



Acid base Solution Filtration



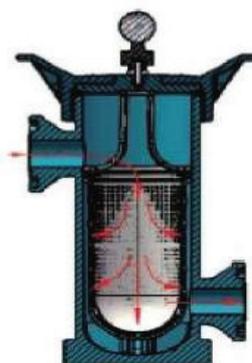
Desalination Plant

mmp® Bag Filter Series

MMP-B 1.5 - TS
MMP-B2-RF



MMP-B1-TS



Flow direction

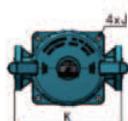
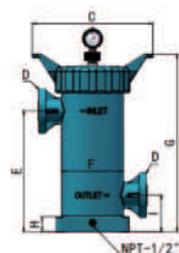
Specifications

Bag Filter Assembly

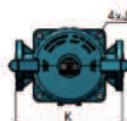
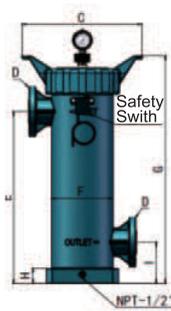
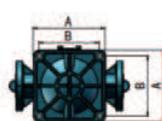
Model	MMP-B1-TS	MMP-B 1.5 - TS	MMP-B2-RF
Description	7/16 Filter Bag Assembly	7/22 Filter Bag Assembly	7/32 Filter Bag Assembly
Material	Polypropylene Homopolymer	Polypropylene Homopolymer	Polypropylene Homopolymer
Max. Flow (m³/h)	15 m³/h	20 m³/h	25 m³/h
Inlet/Outlet (mm)	DN 50mm/2 inch	DN 65mm/2.5 inch	DN 80mm/3 inch
Design Pressure (MPa)	0.8	0.8	0.8
Max. Temperature (°C)	90	90	90
Compatible Elements	Bag Filter 7"x16"	Bag Filter 7"x22"	Bag Filter 7"x32"
Element Size. Quantity	180*410mm.1pcs	180*560mm .1pcs	180*810mm .1pcs

Filter Housing Measure Guide

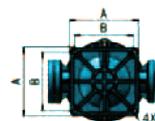
MMP-B1-TS



MMP-B 1.5 - TS

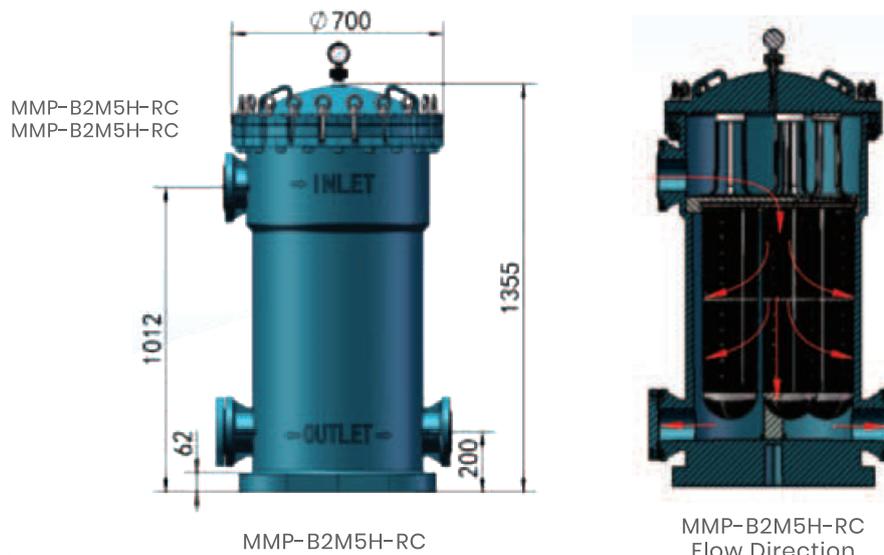


MMP-B2-RF



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-B1-TS	265	222	440	50	447	230	657	56	135	19	395
MMP-B 1.5 - TS	265	222	440	65	636	230	850	56	153	19	395
MMP-B2-RF	265	226	19	310	50	850	230	1010	56	155	395

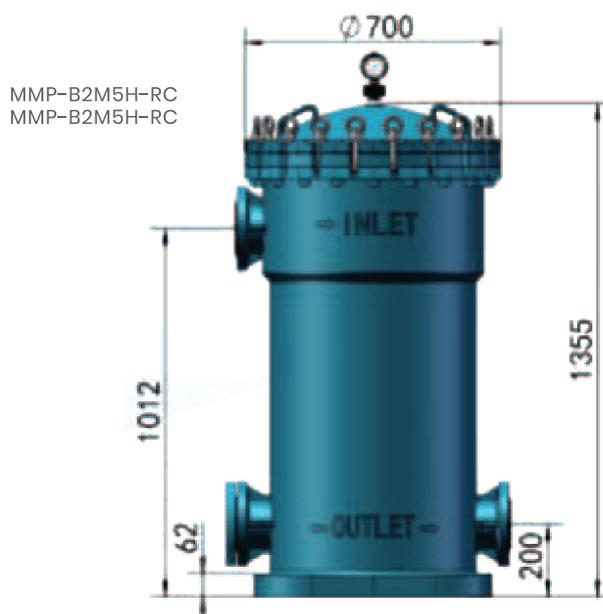
mmp[®] Multi Bag Filter Series (mmp[®] MBF Series)



Specifications

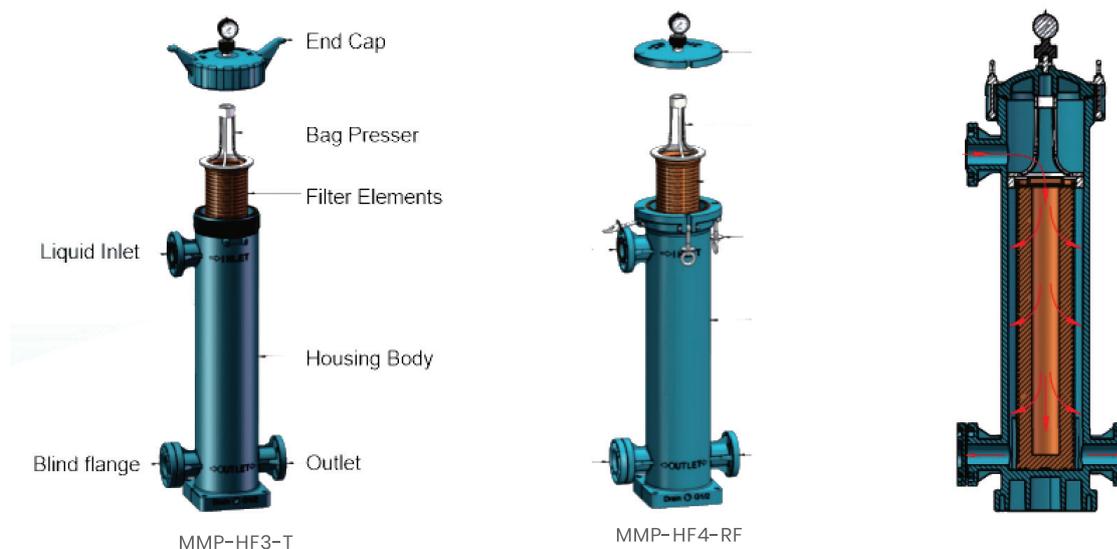
Model	MMP-B2M5H-RC	MMP-B2M5H-RC
Description	7/32 Filter Bag Assembly	7/32 Filter Bag Assembly
Material	Polypropylene Homopolymer	Polypropylene Homopolymer
Max. Flow (m ³ /h)	80 m ³ /h	180 m ³ /h
Inlet/Outlet (mm)	DN 100mm/4 inch	DN 150mm/6 inch
Design Pressure (MPa)	0.8	0.8
Max. Temperature (°C)	80	80
Compatible Elements	Bag Filter 7"x32"	Bag Filter 7"x32"
Element Size. Quantity	180*810 mm.5pcs	180*810 mm.5pcs

Filter Housing Measure Guide



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-B2M5H-RC	652	525	700	100	1012	565	1355	62	200	22	753
MMP-B2M5H-RC	652	525	700	150	1012	565	1355	62	200	22	753

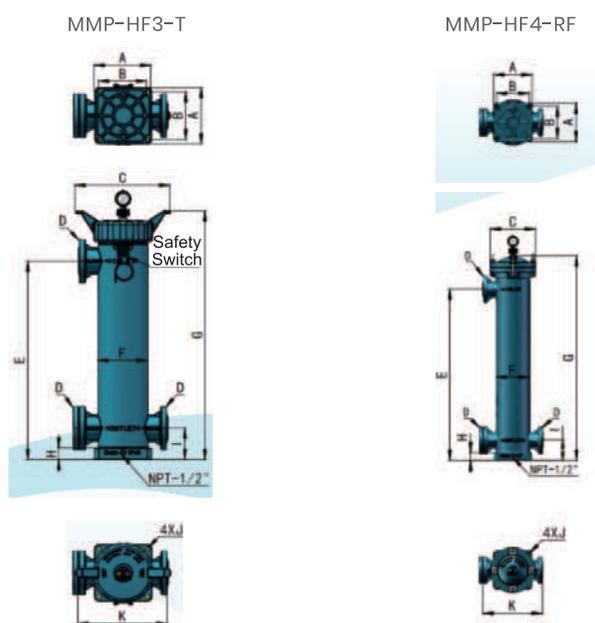
mmp[®] High Flow Series (mmp[®] HF Series)



Specifications

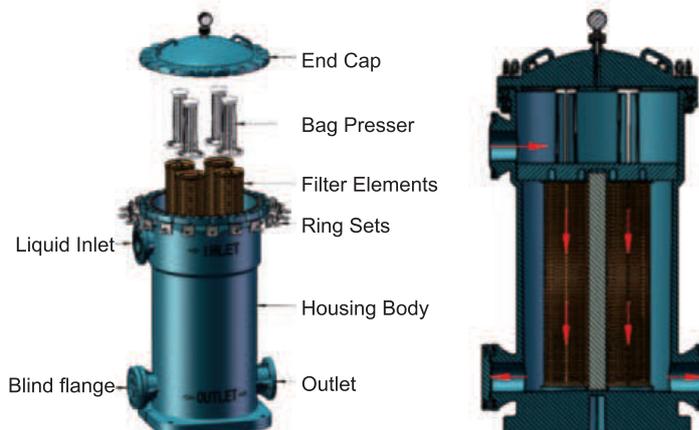
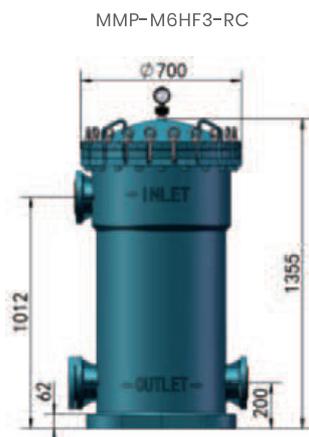
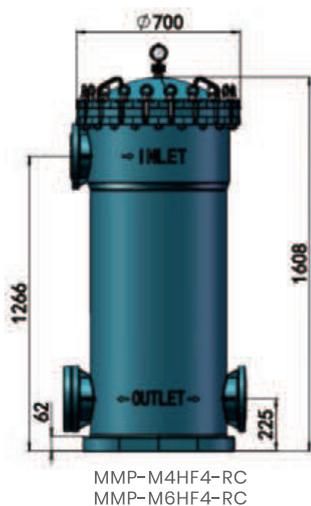
Model	MMP-HF3-T	MMP-HF4-RF
Description	6/30 High Flow	6/40 High Flow
Material	Polypropylene Homopolymer	Polypropylene Homopolymer
Max. Flow (m ³ /h)	50 m ³ /h	35 m ³ /h
Inlet/Outlet (mm)	DN 80mm/3 inch	DN 65mm/2.5 inch
Design Pressure (MPa)	0.8	0.8
Max. Temperature (°C)	90	90
Compatible Elements	Pall High Flow Filter	Pall High Flow Filter
Element Size. Quantity	152*762 mm.1pc	152*1016 mm.1pc

Filter Housing Measure Guide



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-HF3-T	265	225	440	80	940	230	1175	56	148	19	415
MMP-HF4-RF	265	225	310	65	1188	230	1420	56	140	19	412

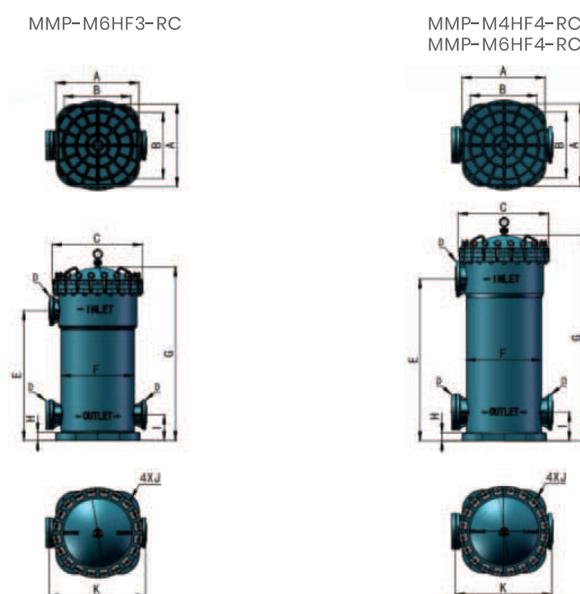
mmp[®] Multi High Flow Series (mmp[®] MHF Series)



Specifications

Model	MMP-M6HF3-RC	MMP-M4HF4-RC	MMP-M6HF4-RC
Description	6" / 30" High Flow 6 High Flow Filter Cartridge	6" / 40" High Flow 4 High Flow Filter Cartridge	6" / 40" High Flow 6 High Flow Filter Cartridge
Material	Polypropylene Homopolymer	Polypropylene Homopolymer	Polypropylene Homopolymer
Max. Flow (m ³ /h)	80 m ³ /h	180 m ³ /h	180 m ³ /h
Inlet/Outlet (mm)	DN 100mm/4 inch	DN 150mm/6 inch	DN 150mm/6 inch
Design Pressure (MPa)	0.8	0.8	0.8
Max. Temperature (°C)	90	90	90
Compatible Elements	Pall High Flow Filter	Pall High Flow Filter	Pall High Flow Filter
Element Size. Quantity	152*762 mm.6pcs	152*1016 mm.4pcs	152*1016 mm.6pcs

Filter Housing Measure Guide



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-M6HF3-RC	652	525	700	100	1032	565	1355	62	200	22	753
MMP-M4HF4-RC	652	525	700	150	1266	582	1608	62	225	22	753
MMP-M6HF4-RC	652	525	700	150	1266	582	1608	62	225	22	753

mmp[®] DOE Series

MMP-C1M5-T-DOE
MMP-C2-M5-T-DOE

MMP-C3-M5-T-DOE
MMP-C4M5-RF-DOE

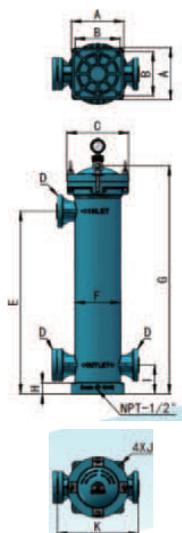


Specifications

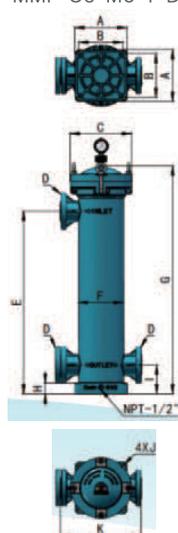
Model	MMP-C1M5-T-DOE	MMP-C2-M5-T-DOE	MMP-C3M5-T-DOE	MMP-C4M5-RF-DOE
Description	DOE 5 Element 10"	DOE 5 Element 20"	DOE 5 Element 30"	DOE 5 Element 40"
Material	Polypropylene Homopolymer	Polypropylene Homopolymer	Polypropylene Homopolymer	Polypropylene Homopolymer
Max. Flow (m ³ /h)	5 m ³ /h	10 m ³ /h	15 m ³ /h	20 m ³ /h
Inlet/Outlet (mm)	DN 50mm/2 inch	DN 65mm/2.5 inch	DN 65mm/2.5 inch	DN 80mm/3 inch
Design Pressure (MPa)	0.8	0.8	0.8	0.8
Max. Temperature (°C)	90	90	90	90
Compatible Elements	DOE Cartridge 5 Element 10 Inch Filter Housing	DOE Cartridge 5 Element 20 Inch Filter Housing	DOE Cartridge 5 Element 30 Inch Filter Housing	DOE Cartridge 5 Element 40 Inch Filter Housing
Element Size. Quantity	68*254 mm.5pcs	68*508 mm.5pcs	68*762 mm.5pcs	68*1016 mm.5pcs

Filter Housing Measure Guide

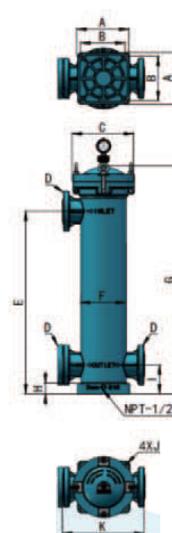
MMP-C1M5-T-DOE



MMP-C2-M5-T-DOE
MMP-C3-M5-T-DOE

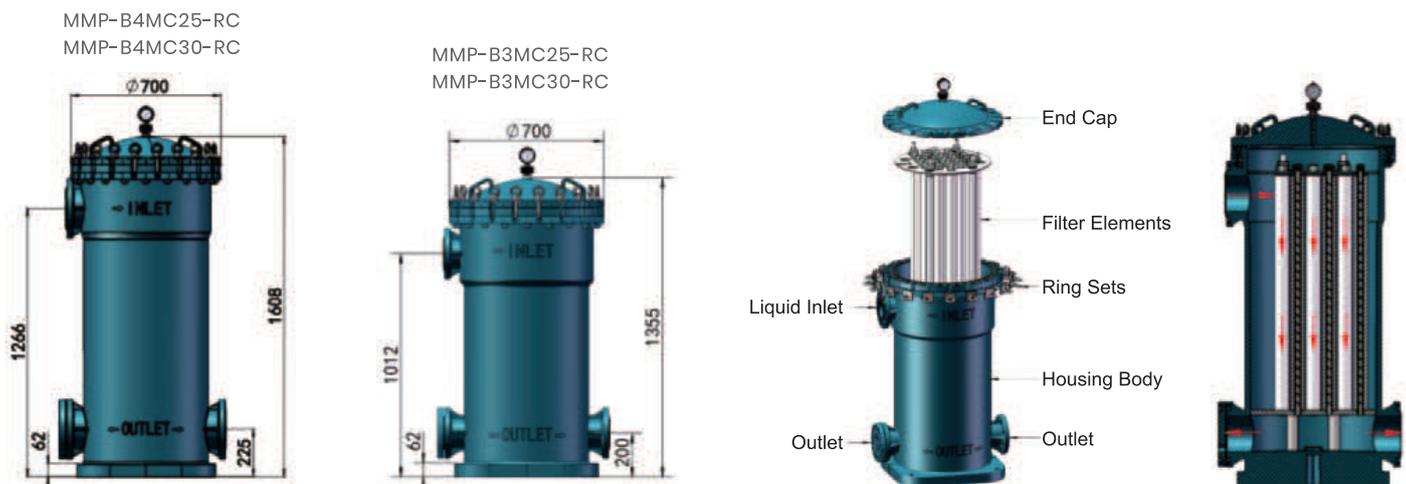


MMP-C4M5-RF-DOE



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-C1M5-T-DOE	265	225	440	50	447	230	657	56	135	19	315
MMP-C2-M5-T-DOE	265	222	440	50	865	230	1085	56	148	19	392
MMP-C3-M5-T-DOE	265	225	440	65	940	230	1175	56	148	19	415
MMP-C4M5-RF-DOE	265	225	310	65	1188	230	1420	56	140	19	412

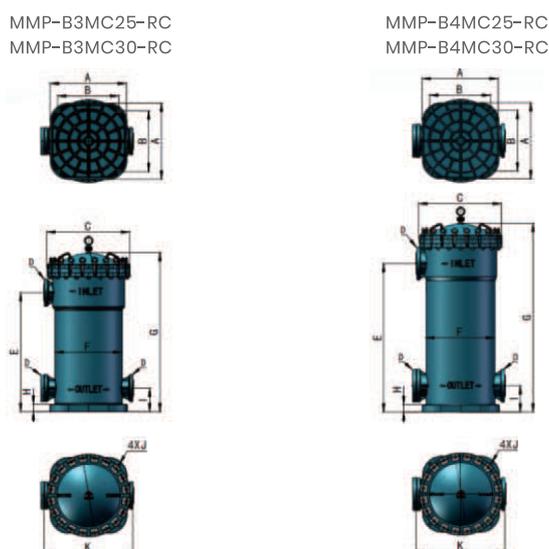
mmp[®] Multi Filter Cartridges Series (mmp[®] MHF Series)



Specifications

Model	MMP-B3MC25-RC	MMP-B3MC30-RC	MMP-B4MC25-RC	MMP-B4MC30-RF
Description	DOE 25 Element 30" Multi Cartridge Assembly	DOE 30 Element 30" Multi Cartridge Assembly	DOE 25 Element 40" Multi Cartridge Assembly	DOE 30 Element 40" Multi Cartridge Assembly
Material	Polypropylene Homopolymer	Polypropylene Homopolymer	Polypropylene Homopolymer	Polypropylene Homopolymer
Max. Flow (m ³ /h)	40 m ³ /h	45 m ³ /h	75 m ³ /h	90 m ³ /h
Inlet/Outlet (mm)	DN 100mm/4 inch	DN 100mm/4 inch	DN 150mm/6 inch	DN 150mm/6 inch
Design Pressure (MPa)	0.8	0.8	0.8	0.8
Max. Temperature (°C)	90	90	90	90
Compatible Elements	DOE Cartridge 25 Element 30 Inch Filter Housing	DOE Cartridge 30 Element 30 Inch Filter Housing	DOE Cartridge 25 Element 40 Inch Filter Housing	DOE Cartridge 30 Element 40 Inch Filter Housing
Element Size, Quantity	68*762 mm.25pcs	68*762 mm.30pcs	68*1016 mm.25pcs	68*1016 mm.30pcs

Filter Housing Measure Guide



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-B3MC25-RC	652	525	700	100	1012	565	1355	62	200	22	753
MMP-B3MC30-RC	652	525	700	100	1012	565	1355	62	200	22	753
MMP-B4MC25-RC	652	525	700	150	1266	582	1608	62	225	22	753
MMP-B4MC30-RC	652	525	700	150	1266	582	1608	62	225	22	753

mmp[®] SOE Series



MMP-C1M3-T-SOE

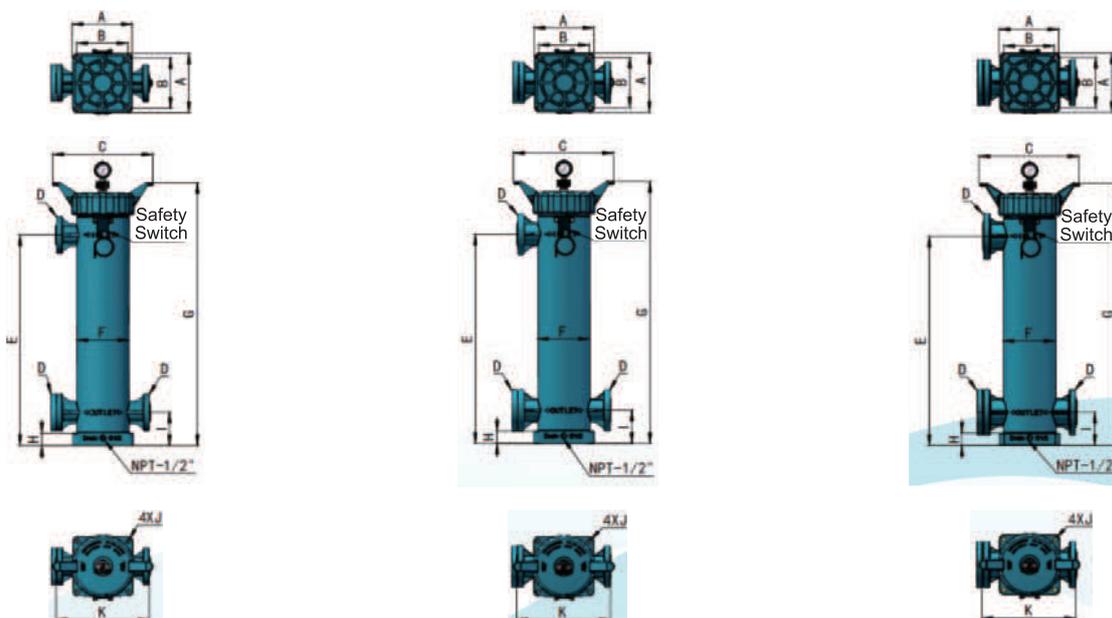
Flow Direction

Specifications

Model	MMP-C1M3-T-SOE
Material	SOE 3 Element 10"
Max. Flow (m ³ /h)	2.5 m ³ /h
Inlet/Outlet (mm)	DN 50mm/2 inch
Design Pressure (MPa)	0.8
Max. Temperature (°C)	90
Compatible Elements	SOE (222/FIN) PP Pleated 3 Element 10 Inch
Element Size, Quantity	68*254 mm.3pcs

Filter Housing Measure Guide

MMP-C1M3-T-SOE



Model	A	B	C	D	E	F	G	H	I	J	K
MMP-C1M3-T-SOE	265	225	440	50	940	230	1175	56	148	19	415



ADVANTAGE

- 1 The filter housing is Integrated molded, with a sturdy structure. Safe and reliable, easy to install and no welding. High temperature, high pressure and corrosion resistance
- 2 The integrated national standard flange and bolt hole spacing are multifunctional, compatible with national, American, Japanese, and German standard flanges, easy to install, and sealed without leakage
- 3 Fluororubber sealing ring has high temperature resistance and is suitable for most acidic and alkaline solutions, thereby saving accessories and consumables and reducing consumable costs
- 4 The filter basket is integrally formed, and the outer surface of the mesh basket is designed with uniformly distributed and orderly arranged protruding solid square columns, enhancing the compressive strength of the filter basket

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