

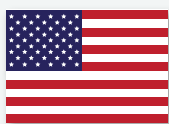
Multi-Cartridge Filter Housings

36 and 52 Round Series



Applications

- Water
- Chemicals
- Electronics
- Power
- Cooling Tower Filtration
- Desalination Prefiltration
- Food and Beverage
- Oil / Gas
- Paints / Inks / Coatings
- Paper and Pulp



USA MADE

Commercial / Industrial Filtration Applications

Standard Features

- Manufactured in USA
- Holds 36 or 52 cartridges to service a wide range of high flow rates
- Heavy-duty 304L or 316L stainless steel construction with swing bolt closure and lifting davit for maximum durability
- Swing bolt closures for quick and easy cartridge change-outs and secure sealing
- Top spring seals allow for variable length cartridges
- Flange inlet and outlet connections allow for easy piping and drain connections permit quick evacuation of housing
- Universal seal cups and compression plates accept DOE and 222/FLAT or FIN cartridges – standard on all filter housings
- 1/4" gauge port on body – standard on all filter housings

Specifications, Operating Parameters and Options

Maximum Operating Pressure

150 psig (10.3 bar) @ 300°F (149°C)

Connections

Inlet/Outlet: 6" RF Flanges

Optional: RF flanges, sanitary ferrules, MNPT, FNPT, BSP or grooved fittings

Drain Ports: 3/4" FNPT Vent Ports: 1/2" FNPT

Materials of Construction

Head/Shell/Connections: 304L or 316L stainless steel

Closure: Swing bolts – zinc plated steel

Vent and Drain Plugs: 304L or 316L stainless steel

Mounting Legs: 304L stainless steel

Gaskets

Standard: Buna N (FDA grade)

Optional: EPDM, silicone, Teflon encapsulated silicone, Viton

Finish

Poly-coat on exterior surfaces

Optional: 3M™ coating, electropolish, glass bead or passivate

Cartridge Type

DOE style cartridges (maximum 2-5/6" diameter) OR

222/FLAT or FIN cartridges – standard on all filter housings.

For 2-3/4" diameter cartridges, order as 32 round or 50 round housings

Custom Options

See ordering guide for complete selection of options

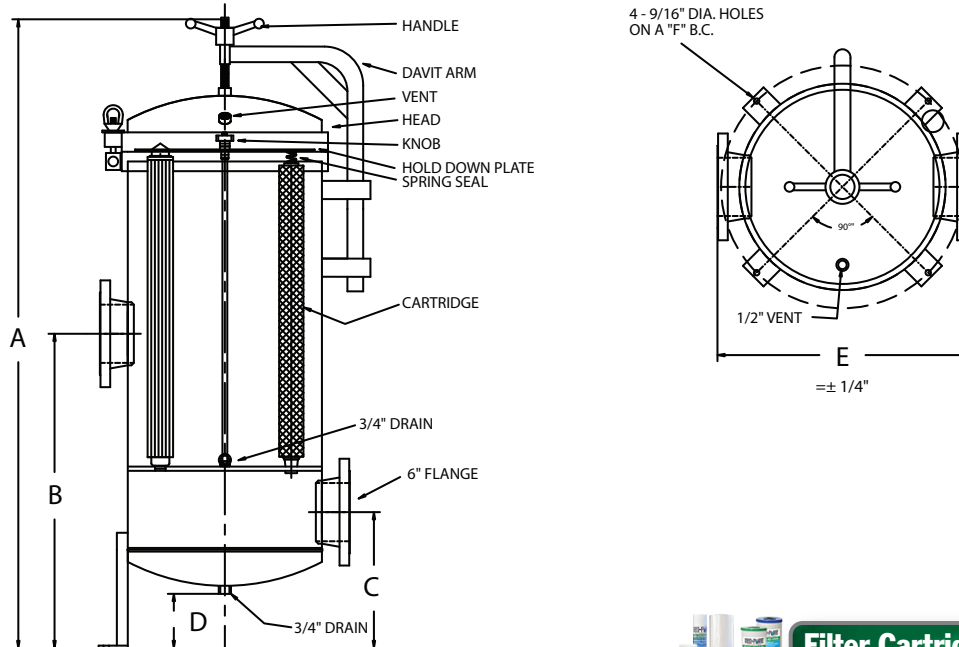
MODEL	QUANTITY (LENGTH) OF CARTRIDGES +	RATED FLOW CAPACITY* GPM (LPM)	INLET/OUTLET (PIPE SIZE)	MAXIMUM DIAMETER CARTRIDGE						
					A	B	C	D	E	F
SBM36X3**	36 (30")	540 (2044)	6"	2-5/8" **	64-3/4" (164.5 cm)	32-3/8" (82.2 cm)	14" (35.6 cm)	5-9/16" (14.1 cm)	25-7/8" (65.7 cm)	25" (63.5 cm)
SBM36X4**	36 (40")	720 (2725)	6"	2-5/8" **	74-3/4" (189.9 cm)	32-3/8" (82.2 cm)	14" (35.6 cm)	5-9/16" (14.1 cm)	25-7/8" (65.7 cm)	25" (63.5 cm)
SBM52X3	52 (30")	780 (2952)	6"	2-5/8" **	65-15/16" (167.5 cm)	32-3/8" (82.2 cm)	14" (35.6 cm)	5-9/16" (14.1 cm)	29-7/8" (75.9 cm)	29" (66.0 cm)
SBM52X4	52 (40")	1040 (3937)	6"	2-5/8" **	75-15/16" (192.9 cm)	32-3/8" (82.2 cm)	14" (35.6 cm)	5-9/16" (14.1 cm)	29-7/8" (75.9 cm)	29" (66.0 cm)

+ Housings will accept cartridge lengths: 30" = (29-1/4" or 30") and 40" = (39" or 40")

* Based upon 7 gpm per 10" length with a 25 micron wound cartridge at 2 PSID clean and viscosity of 1 cps. Flow rates are for guidelines only. Actual flow rates are based on fluid, viscosity, cartridge type, micron ratings and other factors.

** When using 222 or 226 connectors with 2-3/4" OD filter cartridges in an SBM36 housing, you must change to a SBM32 housing (32 round)
When using 222 or 226 connectors with 2-3/4" OD filter cartridges in a SBM52 housing, you must change to a SBM50 housing (50 round)

Dimensions



Ordering Guide (Example: SBM36X3-316L-226-2-FC-PG-E)

SBM36X	3	-	316L	-	226	-	2	-	FC	-	PG	-	E
MODEL	CARTRIDGE LENGTH		MATERIAL /FINISH		CARTRIDGE CONFIGURATION		INLET/OUTLET		CONNECTION TYPE		OPTIONS		GASKET
SBM36X = 36 cartridges SBM52X = 52 cartridges (Swing Bolt Closure)	1 = 10", 9-7/8", 9-3/4" 2 = 20", 19-1/2" 3 = 30", 20-1/4" 4 = 40"		Blank = 304L (Standard) 316L = 316L 304LC = 304L Coated 316LC = 316L Coated 304LEP = 304L Electropolished 316LEP = 316L Electropolished 304LGB = 304L Glass Bead		Blank = DOE (Standard) 226 = 226 Fin/Flat		2 = 2" (Standard up to 7 round) 3 = 3" 4 = 4" 6 = 6" 8 = 8"		Blank = FNPT 3,5,7 (Standard) FC = Female Couplings BT = BSP Tapered BP = BSP Parallel FL = Flange 12+ (Standard) TC = Ferrules GF = Grooved Fittings		Blank = Mounting Legs, Gauge Ports (Standard) PG = Pressure Gauges (2) P = Passivate		Blank = Buna N (Standard) E = EPR S = Silicone V = Viton T = Teflon Encapsulated Silicone

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