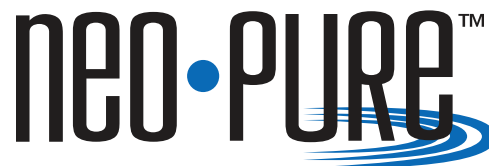


Multi-Cartridge Filter Housings

36 and 52 Round Series



Applications

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

Residential/Commercial/Industrial Filtration Applications

Standard Features

- 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

Product Specifications

Maximum Operating Pressure

150 psig (10.3 bar) @ 300°F (149°C) - Standard

250 psig (17.2 bar) @ 300°F (149°C) - Optional

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: EPR, silicone, Teflon encapsulated silicone, Viton

Finish

Glass bead on exterior, exterior surfaces

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 |
|-----------|--|---|------------------------------------|----------------------------------|
| | | | | |
| SBM36X3** | 36 (30") | 540 (2044) | 6" | 2-5/8" ** |
| SBM36X4** | 36 (40") | 720 (2725) | 6" | 2-5/8" ** |
| SBM52X3 | 52 (30") | 780 (2952) | 6" | 2-5/8" ** |
| SBM52X4 | 52 (40") | 1040 (3937) | 6" | 2-5/8" ** |

+ 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)

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 | 6 = 6" (Standard) 8 = 8" | FL = Flange (Standard) TC = Ferrules GF = Grooved Fittings | Blank = Mounting Legs, Gauge Ports (Standard) PG = Pressure Gauges (2) P = Passivate U = ASME Code "U" Stamp NS = Built to ASME Code/no Stamp HP = High Pressure (up to 250psi) | Blank = Buna N (Standard) E = EPR S = Silicone V = Viton T = Teflon Encapsulated Silicone |



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QUESTIONS?

Ask one of our Service Representatives:
Mon-Fri 8a-8p, Sat 8:30a-4:30p EST

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days a week!

