

Multi-Cartridge Filter Housings 7 Round Series



- Holds seven cartridges from 10" to 40" lengths for optimal choice of flow rates
- Heavy-duty 304L or 316L stainless steel construction for maximum durability and corrosion resistance
- V-band clamp or swing bolt closures for quick and easy cartridge change-outs and secure sealing
- Adjustable top plate accepts variable length cartridges
- 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
- FNPT inlet and outlet connections – standard on 4, 5 and 7 round

PRODUCT SPECIFICATIONS



Max Operating Pressure*

150psig (10.3 bar) @300°F (149°C)- Standard
250psig (17.2 bar) @300°F (149°C)- Optional
Note: Gauges are not included



Connection

Inlet/Outlet: Standard – 2" FNPT
Optional: MNPT or BSP fittings; RF flanges,
Sanitary ferrules or grooved fittings
Drain Ports: 1/2" FNPT
Vent Ports: 1/4" FNPT



Cartridge Type

DOE or 222 style cartridges (maximum 2-3/4" OD) OR 222/FLAT or FIN cartridges – standard on all filter housings



Materials of Construction

Head/Shell/Connections: 304L/316L stainless steel
Vent and Drain Plugs: 304L/316L stainless steel
Closure: Clamp – 304L stainless steel
Swing bolts – zinc plated steel
Gaskets: Standard - Buna N (FDA grade)
Optional - EPR, silicone, Teflon encapsulated silicone, Viton
Finish: Glass bead on exterior, exterior surfaces

Note: See ordering guide for complete selection of options.

*Temperature ratings vary and depend on pressure and time under load.

QUESTIONS?

Ask our Service Representatives at:

888.859.1188 Mon. - Fri. 8a - 8p, Sat 8:30a - 4:30p EST.

Neologic Inc. | Greenville SC | Salt Lake City UT | Houston TX

APPLICATIONS

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

Multi-Cartridge Filter Housings 7 Round Series



PRODUCT

| MODEL | QUANTITY (LENGTH) OF CARTRIDGES + | RATED FLOW CAPACITY* GPM (LPM) | INLET/OUTLET (PIPE SIZE) | MAXIMUM DIAMETER CARTRIDGE |
|---------------|-----------------------------------|--------------------------------|--------------------------|----------------------------|
| BCM7X1/SBM7X1 | 7 (10") | 49 (185.5) | 2" | 2-3/4" |
| BCM7X2/SBM7X2 | 7 (20") | 98 (371.10) | 2" | 2-3/4" |
| BCM7X3/SBM7X3 | 7 (30") | 157 (594.3) | 2" | 2-3/4" |
| BCM7X4/SBM7X4 | 7 (40") | 196 (741.9) | 2" | 2-3/4" |



Multi cartridge housing components will vary depending on how many filter cartridges they hold.

Available End Cap Configurations



+ Housings will accept cartridge lengths: 10" = (9-3/4" or 10"), 20" = (19-1/2" or 20"), 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.

ORDERING GUIDE (Example: BCM7X3-316L-226-2FC-PG-E)

| MODEL | CARTRIDGE LENGTH | MATERIAL /FINISH | CARTRIDGE CONFIGURATION | INLET/OUTLET | CONNECTION TYPE | OPTIONS | GASKET |
|--------------------------------------------------------|-----------------------------|---------------------------------------|----------------------------------------------|--------------------------------------|-------------------------------|-------------------------------------------------------|------------------------------------------|
| BCM7X 7 Cartridges (V-Band Clamp Closure) | 1 = 10" 9-7/8" 9-3/4" | Blank 304L (standard) | Blank DOE, 222 Fin/Flat (standard) | 2 = 2" (standard up to 7 round) | FT FNPT (standard) | Blank Mounting Legs, Gauge Ports (standard) | Blank Buna N (standard) |
| SBM7X 7 Cartridges (Swing Bolt Closure) | 2 = 20" 19-1/2" | 316L 316L | 226 226 Fin/Flat | 3 = 3" 4 = 4" 6 = 6" 8 = 8" | MT MNPT Male Thread | PG Pressure Gauges (2) | E EPR |
| | 3 = 30" 29-1/4" | 304LC 304L Coated | | | FC Female Couplings | P Passivate | S Silicone |
| | 4 = 40" | 316LC 316L Coated | | | BT BSP Tapered | U ASME Code "U" Stamp | V Viton |
| | | 304LEP 304L Electropolished | | | BP BSP Parallel | NS Built to ASME Code/no Stamp | T Teflon Encapsulated Silicone |
| | | 316LEP 316L Electropolished | | | FL Flange | HP High Pressure (up to 250psi) | |
| | | 304LGB 304L Glass Bead | | | TC Ferrules | | |
| | | | | | GF Grooved Fittings | | |