

Multi-Cartridge Filter Housings 4 and 5 Round Series



- Holds four or five 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
- Universal seal cups and compression plates accept DOE and 222/FLAT or FIN cartridges – 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 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 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: Available in ASME "U" Code specifications, or built to ASME code with no stamp, for commercial and industrial filtration.

*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 4 and 5 Round Series



PRODUCT

MODEL	QUANTITY (LENGTH) OF CARTRIDGES +	RATED FLOW CAPACITY* GPM (LPM)	MAXIMUM DIAMETER CARTRIDGE
BCM4X1/BCM5X1	4/5 (10")	28 (106) / 35 (132)	2-3/4"
SBM4X1/SBM5X1	4/5 (10")	28 (106) / 35 (132)	2-3/4"
BCM4X2/BCM5X2	4/5 (20")	56 (212) / 70 (285)	2-3/4"
SBM4X2/SBM5X2	4/5 (20")	56 (212) / 70 (285)	2-3/4"
BCM4X3/BCM5X3	4/5 (30")	84 (318) / 105 (397)	2-3/4"
SBM4X3/SBM5X3	4/5 (30")	84 (318) / 105 (397)	2-3/4"
BCM4X4/BCM5X4	4/5 (40")	12 (424) / 140 (530)	2-3/4"
SBM4X4/SBM5X4	4/5 (40")	12 (424) / 140 (530)	2-3/4"

+ 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)

BCM4X	3—	316L —	226 —	2	FC —	PG —	E
MODEL	CARTRIDGE LENGTH	MATERIAL /FINISH	CARTRIDGE CONFIGURATION	INLET/ OUTLET	CONNECTION TYPE	OPTIONS	GASKET
BCM4X 4 Cartridges	1 = 10" 9-7/8" 9-3/4"	Blank 304L (standard)	Blank DOE (Standard)	2 = 2" (Standard up to 7 round)	FT FNPT (standard)	Blank Mounting Legs, Gauge Ports (Standard)	Blank Buna N (Standard)
BCM5X 4 Cartridges (V-Band Clamp 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
SBM4X 4 Cartridges	3 = 30" 29-1/4"	304LC 304L Coated			FC Female Couplings	P Passivate	S Silicone
SBM5X 5 Cartridges (Swing Bolt Closure)	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		

*ASME Code "U" Stamped housings are only available with Swing Bolt Closures.