

SFN Series

Single Filter Housings Bolt and Nut Closure



Applications

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



*Residential / Commercial / Industrial
Filtration Applications*

Standard Features

- Manufactured in USA
- Designed for commercial or industrial filter applications
- Heavy-duty 304L or 316L stainless steel construction for maximum durability and corrosion resistance
- Bolt and nut closure allow for quick cartridge change-outs (T-handle optional) and inline connections for easy installation
- Uses double open-end (DOE) cartridges
- Available with 1/4", 3/8", 1/2", 3/4", and 1" connections
- Both ends of cartridge have knife-edge seals to help eliminate potential bypass

Specifications, Operating Parameters and Options

Maximum Operating Pressure

250 psig (17 bar) @ 275°F (135°C)

Connections

Inlet/Outlet: 1/2", 3/4", or 1" FNPT

Optional: 1" RF flange, BSP or 1" sanitary ferrules

Drain Ports: 1/8" FNPT

Materials of Construction

Head: 304L, 316L or Brass Nickel-Plated

Shell/Connections: 304L or 316L stainless steel

Drain: Stainless steel plug

Gaskets

Standard: Buna N (FDA grade)

Optional: EPDM, silicone, Teflon, Viton, neoprene, vellumoid

Finish

Polycoat on exterior surfaces

Options

1/4" gauge ports In/Out

Tee handle

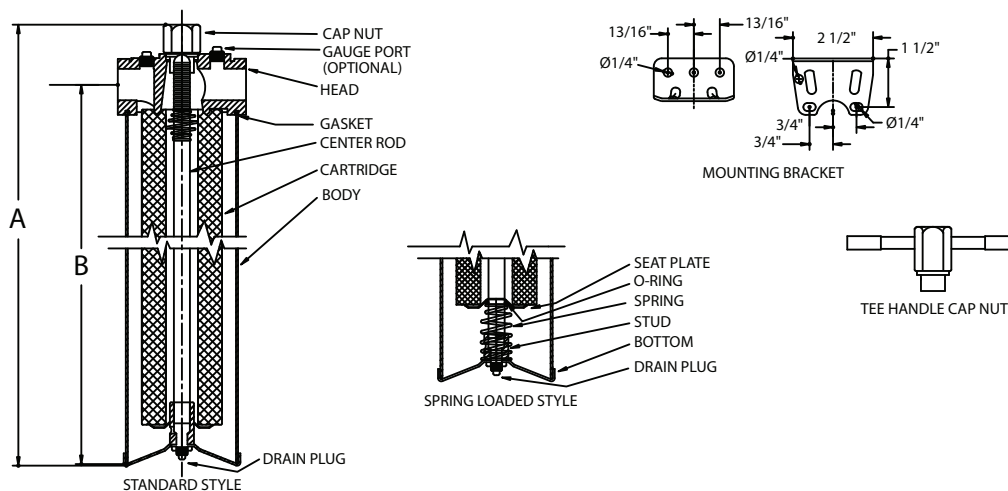
Variable seal (spring loaded)

Vent screw outlet

MODEL	QUANTITY (LENGTH) OF CARTRIDGES	RATED FLOW CAPACITY* GPM (LPM)	MAXIMUM DIAMETER CARTRIDGE	DRAIN SIZE	STANDARD		SPRING LOADED	
					A	B	A	B
SFN-x	1 (4-7/8")	3.5 (132)	2-3/4"	1/8"	8-7/8" (22.5)	6-15/16" (17.6)	9-1/2" (24.1)	7-9/16" (19.2)
SFN-1	1 (9-3/4")	7 (26.5)	2-3/4"	1/8"	13-3/4" (34.9)	11-13/16" (33.0)	14-3/8" (36.5)	12-7/16" (31.6)
SFN-2	1 (20")	14 (53.0)	2-3/4"	1/8"	23-7/8" (60.6)	21-15/16" (55.7)	24-1/2" (62.2)	22-9/16" (57.3)
SFN-3	1 (30")	21 (79.5)	2-3/4"	1/8"	33-7/8" (86.0)	31-15/16" (81.1)	34-1/2" (87.6)	32-9/16" (82.7)

* 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 approximate. Actual flow rates are based upon fluid, viscosity, cartridge type, micron ratings and other factors.

Dimensions



Ordering Guide (Example: SFN-1B-316L4-FL-T-S)

SFN		1B	316L	4	FL	T	S
MODEL	CARTRIDGE LENGTH	MATERIAL	INLET/OUTLET SIZE	CONNECTION TYPE	OPTIONS	GASKET	
SFN = 304L Stainless Steel Head Nut Double Open End	1 = 9-3/4" 1B = 10" (9-7/8" MB and SV) 2 = 20" 2B = 19-1/2" 3 = 30" 3B = 29-1/4" x = 4-7/8" available	Blank = 304L (standard) 316L = 316L	4 = 1/2" 6 = 3/4" 8 = 1"	Blank = FNPT (standard) FL = Flange 1" only BP = BSP TC = Ferrules 1" only	Blank = None (standard) GP = 1/4" gauge ports IN/OUT T = Tee handle DSG = Variable seal (spring loaded) V = Vent screw outlet	Blank = Buna N (standard) E = EPR S = Silicone T = Teflon N = Neoprene Vell = Vellumoid	

Cartridge Options

Available in 9-3/4",
20" and 30" Lengths

**Meltblown
Sediment
Cartridges**

For more
information,
see **MB Series
Brochure**

**String
Wound
Cartridges**

For more
information,
see **WPP Series
Brochure**

**Pleated
Filter
Cartridges**



**Filter Cartridges
Selection Guide**
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