

### FFH-SB-4-1.5F Stainless Steel Cartridge Filter Housing

Our economical FFH-SB-4-1.5F single cartridge housing is built with 304 stainless steel, offering exceptional durability and corrosion resistance. Its compact, lightweight design makes it incredibly easy to move, perfect for portable filtration needs.

The FFH-SB-4-1.5F is engineered to accept a Big Blue (4.5-inch diameter) double open end cartridge with a 30-inch filter length, providing extended capacity and superior flow rates. Cartridge change-outs are simplified thanks to its top-load, swing-bolt style closure and positive silicone O-ring seal.

#### FFH Series Filter Housings

- Corrosion and impact resistant
- Lightweight and compact
- 1 ½" process connections
- Spring loaded cartridge installation
- Top entry design
- Wide selection of filter cartridges
- Swing bolt and band clamp closures
- Drain and gauge ports standard



**Stainless steel construction with swing bolt lid design provides a robust and space-saving versatile filtration solution**

### Benefits

Various cartridge options available

Easy cartridge change-out with top loaded design

Rugged, long-life stainless steel housing

Longer time between filter changes

Positive seal to assure “no bypass”

Space-saving, lightweight design

Easily movable for portable filtration

Economical filtration solution

### Applications

Commercial water systems

Industrial process/cooling water

Pre-filtration for membrane/reverse osmosis (RO) systems

Whole house POE filtration

Food, beverage, and cosmetics chemical

Solutions and plating chemicals

Agriculture and farming

OEM skid systems

### Ordering Information and Specifications

<u>Part Number</u>	<u>Closure Type</u>	<u>Construction</u>	<u>Inlet/Outlet</u>
<b>FFH-SB-4-1.5F</b>	Swing Bolt	304 SST	1 1/2" 150 lb. RF Flange

Filter Cartridge Accepted: Double open end

O-Ring Seal: Silicone standard

Top Vent/Gauge Port: 1/4" FNPT

Drain/Gauge Ports: 1/2" FNPT - two

Max Pressure: 150 psi (10 bar)

Max Temperature: 250F (121C)

Housing Pressure Drop Without Filter Cartridge: 0.4 psid @ 10 gpm, 4 psid @ 40 gpm

### Dimensions:

"F" Face to Face	12.2 inch (310mm)
"H" Overall Height	41.1 inch (1044mm)
"A" Height to Inlet Center	8.3 inch (210mm)
"B" Height to Outlet Center	4.3 inch (110mm)
Nominal Shell Diameter Height	6.3 inch (160mm)
Req'd for Filter Change	72 inch (1829mm)
Estimated Weight Empty/Full	44lb(20kg)/83lb(37.6kg)

### Filter Specifications

Outer Diameter: 4 1/2", 114 mm

Filter Length: 30", 762 mm

Maximum Recommended Differential Pressure:  
20 PSID, 1.4 BARD

Typical Flow Rates: 10-40 GPM per cartridge

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