

# FF Series Filtration System

## FFH Series Filter Housing

The FF Series Filtration System consists of a durable FFH stainless steel filter housing and various FFC high capacity filter cartridges. The FF Series System provides a compact, simple and economical system for filtration of water and various liquids.

While 4 ½" diameter filters are traditionally limited to 10" and 20" lengths; the FF Series Filtration System accommodates 30" length cartridges for added capacity and flow. The extra filter media within an FF filter will often result in a disproportionate increase in filter life – for example, a 30" tall filter can provide up to 9x the life of a 10" tall filter.

### FFH Series Filter Housings

- Corrosion and Impact Resistant
- Light Weight and Compact
- High Dirt Holding Capacity
- 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



FF Series Filtration Systems are designed to provide flexibility in solving a variety of liquid filtration applications.

### 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, light-weight 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-4-1.5</b>	Band Clamp	304 SST	1 ½" FNPT
<b>FFH-6-1.5</b>	Band Clamp	316L SST	1 ½" FNPT
<b>FFH-SB-4-1.5F</b>	Swing Bolt	304 SST	1 ½" 150 lb. RF Flange
<b>FFH-SB-6-1.5F</b>	Swing Bolt	316L SST	1 ½" 150 lb. RF Flange

Filter Cartridge Accepted: Double Open End or SOE – 222 Flat Style End Fittings

O-Ring Seal: Silicone standard, FKM (Viton) optional: Add -V to p/n

Top Vent/Gauge Port: ¼" FNPT

Drain/Gauge Ports: ½" FNPT - Two

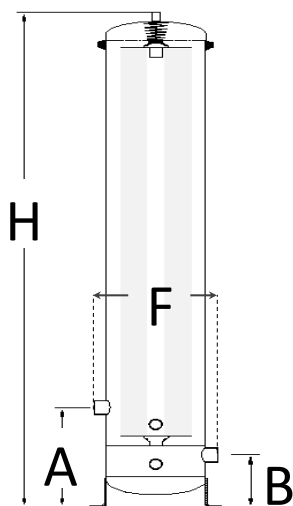
Max Pressure: FFH: 100 psi (7 bar) FFH-SB: 150 psi (10 bar)

Max Temperature: FFH: 212F (100C) FFH-SB: 250F (121C)

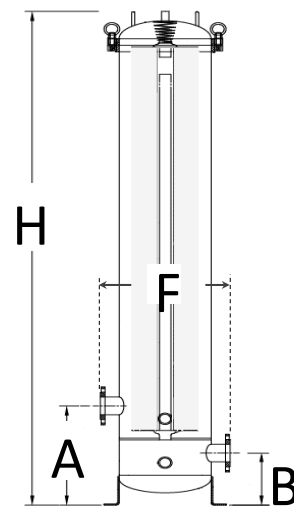
Housing Pressure Drop without filter cartridge: 0.4 psid @ 10 gpm, 4 psid @ 40 gpm

<u>Dimensions:</u>	<u>FFH</u>	<u>FFH-SB</u>
"F" Face to Face	9.1 inch (230mm)	12.2 inch (310mm)
"H" Overall Height	41.5 inch (1054mm)	41.1 inch (1044mm)
"A" Height to Inlet Center	8.3 inch (210mm)	8.3 inch (210mm)
"B" Height to Outlet Center	4.3 inch (110mm)	4.3 inch (110mm)
Nominal Shell Diameter	6.3 inch (160mm)	6.3 inch (160mm)
Height Req'd for Filter Change	72 inch (1829mm)	72 inch (1829mm)
Estimated Weight Empty/Full	19 lb(8.6kg)/58 lb(26.3kg)	44lb(20kg)/83lb(37.6kg)

### FFH-4/6-1.5



### FFH-SB-4/6-1.5F



Filter Cartridges: See FFC specification sheet for details on various filter cartridge options