**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

**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

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

Ordering Information and Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Closure Type</th>
<th>Construction</th>
<th>Inlet/Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFH-4-1.5</td>
<td>Band Clamp</td>
<td>304 SST</td>
<td>1 ½” FNPT</td>
</tr>
<tr>
<td>FFH-6-1.5</td>
<td>Band Clamp</td>
<td>316L SST</td>
<td>1 ½” FNPT</td>
</tr>
<tr>
<td>FFH-SB-4-1.5F</td>
<td>Swing Bolt</td>
<td>304 SST</td>
<td>1 ½” 150 lb. RF Flange</td>
</tr>
<tr>
<td>FFH-SB-6-1.5F</td>
<td>Swing Bolt</td>
<td>316L SST</td>
<td>1 ½” 150 lb. RF Flange</td>
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</tbody>
</table>

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: 212°F (100°C) FFH-SB: 250°F (121°C)
Housing Pressure Drop without filter cartridge: 0.4 psid @ 10 gpm, 4 psid @ 40 gpm

Dimensions:

<table>
<thead>
<tr>
<th>Dimension</th>
<th>FFH</th>
<th>FFH-SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>“F” Face to Face</td>
<td>9.1 inch (230mm)</td>
<td>12.2 inch (310mm)</td>
</tr>
<tr>
<td>“H” Overall Height</td>
<td>41.5 inch (1054mm)</td>
<td>41.1 inch (1044mm)</td>
</tr>
<tr>
<td>“A” Height to Inlet Center</td>
<td>8.3 inch (210mm)</td>
<td>8.3 inch (210mm)</td>
</tr>
<tr>
<td>“B” Height to Outlet Center</td>
<td>4.3 inch (110mm)</td>
<td>4.3 inch (110mm)</td>
</tr>
<tr>
<td>Nominal Shell Diameter</td>
<td>6.3 inch (160mm)</td>
<td>6.3 inch (160mm)</td>
</tr>
<tr>
<td>Height Req’d for Filter Change</td>
<td>72 inch (1829mm)</td>
<td>72 inch (1829mm)</td>
</tr>
<tr>
<td>Estimated Weight Empty/Full</td>
<td>19 lb(8.6kg)/58 lb(26.3kg)</td>
<td>44lb(20kg)/83lb(37.6kg)</td>
</tr>
</tbody>
</table>

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