7FOS Series
Universal Multi-Cartridge Filter Housings

Request a Quote Today!

- Designed for industrial and commercial filtration needs
- 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
- Holds seven cartridges between 10” to 40” lengths for optimal choice of flow rates
- Universal seats accept DOE and 222 style cartridges (226 cartridge connectors are optional)
- Knife edge seals eliminate bypass on DOE cartridges
- Adjustable top plate accepts variable length cartridges
- Stainless steel mounting legs
- Wide range of options to meet specific filtration and installation requirements

Applications
Water Desalination
Chemicals Food & Beverage
Electronics Oil / Gas
Power Inks / Paints / Coatings
Coolants Pulp & Paper

Specifications & Operating Parameters

Maximum Operating Pressure
150 psig (10.3 bar) @ 300°F (149°C)

Inlet and Outlet Connections
Inlet/Outlet: 2" MNPT
Drain Ports: 1/2" FNPT
Vent Ports: 1/4" FNPT
Optional: MNPT, FNPT and BSP fittings,
RF flanges, Sanitary ferrules and Grooved fittings

Materials of Construction
Head and Shell: 304L or 316L Stainless Steel
Connections: 304L or 316L Stainless Steel
Closure: Clamp: 304L Stainless steel
Swing Bolts: Zinc Plated Steel
Vent and Drain Plugs: 304L or 316L Stainless Steel
Mounting Legs: 304L Stainless Steel

Gaskets
Buna N (FDA Grade)
Optional: EPR, Silicone, Viton or Teflon
Encapsulated Silicone

Finish
Poly-coat on exterior surfaces
Optional: Electro-polish, Glass bead or Passivate

Cartridge Type
DOE or 222 cartridges (maximum 2 3/4” OD)
Optional: 226 adapters

Custom Options
- Gauge Ports or Gauge Ports with Pressure Gauges
- Heavy Duty Mounting Legs
See Ordering Guide for complete selection of options

www.commercialfiltrationsupply.com
Customization

Housings may be customized to meet your precise requirements. Contact Shelco’s technical support staff or your distributor for more information.

Ordering Guide (Example: 7FOS3-C-316-226-2MNPT-ML-B)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>QUANTITY (LENGTH) OF CARTRIDGES</th>
<th>RATE OF FLOW (GPM/LPM)</th>
<th>INLET / OUTLET (PIPE SIZE)</th>
<th>MAXIMUM DIAMETER CARTRIDGE</th>
<th>CLAMP STYLE</th>
<th>SWING BOLT STYLE</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>7FOS1</td>
<td>7 (10')</td>
<td>49 (185.5)</td>
<td>2'</td>
<td>20 1/2' (52.1 cm)</td>
<td>21'</td>
<td>8 1/16' (20.48 cm)</td>
<td>3 5/16' (8.41 cm)</td>
<td>12 1/2' (31.75 cm)</td>
</tr>
<tr>
<td>7FOS2</td>
<td>7 (20')</td>
<td>98 (371.10)</td>
<td>2'</td>
<td>30 1/2' (77.5 cm)</td>
<td>40 1/2'</td>
<td>8 1/16' (20.48 cm)</td>
<td>3 5/16' (8.41 cm)</td>
<td>12 1/2' (31.75 cm)</td>
</tr>
<tr>
<td>7FOS3</td>
<td>7 (30')</td>
<td>157 (594.3)</td>
<td>2'</td>
<td>49 1/2' (125.7 cm)</td>
<td>50 1/2'</td>
<td>8 1/16' (20.48 cm)</td>
<td>3 5/16' (8.41 cm)</td>
<td>12 1/2' (31.75 cm)</td>
</tr>
<tr>
<td>7FOS4</td>
<td>7 (40')</td>
<td>196 (741.9)</td>
<td>2'</td>
<td>59 1/2' (151.1 cm)</td>
<td>60 1/2'</td>
<td>8 1/16' (20.48 cm)</td>
<td>3 5/16' (8.41 cm)</td>
<td>12 1/2' (31.75 cm)</td>
</tr>
</tbody>
</table>

+ 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.

For pricing and information please call Commercial Filtration Supply at (855)-236-0467

Visit us Online at: www.commercialfiltrationsupply.com for more filtration products.