4FOS and 5FOS Series
Multi-Cartridge Filter Housings

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

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 style cartridges (maximum 2 3/4” OD)
Optional: 222 and 226 adapters

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

Request a Quote Today!
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.

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### Dimensions

![Diagram of housing dimensions]

### Ordering Guide (Example: 4FOS3SB-316-226-2MNPT-ML-B)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>QUANTITY (LENGTH OF CARTRIDGES)</th>
<th>RATED FLOW CAPACITY* (GPM/LPM)</th>
<th>MAXIMUM DIAMETER CARTRIDGE</th>
<th>CLAMP STYLE</th>
<th>SWING BOLT STYLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4FOS1/5FOS1</td>
<td>4/5 (10&quot;)</td>
<td>28 (106) / 35 (132)</td>
<td>2 3/4&quot;</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>4FOS2/5FOS2</td>
<td>4/5 (20&quot;)</td>
<td>56 (212) / 70 (265)</td>
<td>3 2/3&quot;</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>4FOS3/5FOS3</td>
<td>4/5 (30&quot;)</td>
<td>84 (318) / 105 (397)</td>
<td>4 1/4&quot;</td>
<td>A</td>
<td>C</td>
</tr>
<tr>
<td>4FOS4/5FOS4</td>
<td>4/5 (40&quot;)</td>
<td>112 (424) / 140 (530)</td>
<td>5 1/4&quot;</td>
<td>A</td>
<td>D</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.

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**Authorized MAHLE-Nowata Distributor & Representative**

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

Visit us Online at: [www.commercialfiltrationsupply.com](http://www.commercialfiltrationsupply.com) for more filtration products.