CSF Series
Single Cartridge Filter Housings with Ring Nut Closure for SOE Cartridges

• Designed for industrial and commercial filter applications
• Heavy duty construction for maximum durability
• 316L Stainless Steel construction with cast head and electro-polished sump suitable for a wide range of process requirements
• Accepts 222 or 226 connector cartridges with Fin or Flat ends
• Available with 3/4", and 1" in-line connections for easy installation
• Ring nut closure for quick cartridge change outs
• Equipped with mounting bracket kit and wrench
• Numerous gasket options for compatibility with most fluids

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

Specifications & Operating Parameters

Maximum Operating Pressure
300 psig (20.7 bar) @ 200°F (93°C)

Connections
Inlet / Outlet: 3/4" or 1" FNPT
Optional: BSPT, BSPP, RF Flanges, Sanitary Ferrules or Grooved Fittings

Drain Port: 1/4" NPT Plug

Materials of Construction
Head / Shell: 316L Stainless Steel

Gaskets
Buna N
Optional: EPR, Silicone, Viton

Options
- Gauge Ports
- Vent Port with Vent Screw
See Ordering Guide for complete selection of options

www.shelco.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: CSF-786-222-GP4-B)

<table>
<thead>
<tr>
<th>CSF</th>
<th>78</th>
<th>6</th>
<th>-</th>
<th>222</th>
<th>-</th>
<th>GP4</th>
<th>-</th>
<th>B</th>
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</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>CARTRIDGE LENGTH</td>
<td>PIPE SIZE FNPT</td>
<td>CARTRIDGE STYLE</td>
<td>OPTIONS</td>
<td>GAasket</td>
<td></td>
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<tr>
<td>CSF</td>
<td>78 = 10”</td>
<td>6 = 3/4”</td>
<td>222 = 222 cup</td>
<td>Blank = None</td>
<td>B = Buna N (Standard)</td>
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<tr>
<td></td>
<td>80 = 20”</td>
<td>8 = 1”</td>
<td>226 = 226 cup with</td>
<td>BSP = BSP thread</td>
<td>E = EPR</td>
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<tr>
<td></td>
<td>90 = 30”</td>
<td></td>
<td>locking rings</td>
<td>1F = 1” Flange*</td>
<td>S = Silicone</td>
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<td></td>
<td></td>
<td>1TC = 1” Ferrules*</td>
<td>V = Viton</td>
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<td></td>
<td></td>
<td></td>
<td>GP4* = 1/4” Gauge Ports</td>
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<td></td>
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<td>Vent* = Vent Screw</td>
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</table>

* Based upon 7 gpm (26.5 lpm) per 10” cartridge length with a 25 micron wound cartridge at 2 PSID clean and a viscosity of 1 cps. Flow rates are guidelines only. Actual flow rates are based upon fluid, viscosity, cartridge type, micron ratings and other factors.

* When specifying vents or gauge ports, the location must be identified as I= Inlet, O = Outlet and I/O = Inlet and Outlet (Example: GP4/I/O)

+ Maximum pressure rating for rf flanges and sanitary ferrules is 150 psi (10.3 bar)

Dimensions

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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