RH Series
Single Cartridge Filter Housings with Ring Nut Closure

- Designed for industrial and commercial filter applications
- Heavy duty construction for maximum durability
- Various materials of construction for wide range of process requirements
  - 316L stainless steel
  - Brass head with 304L Stainless Steel body
- Accepts Double Open End (DOE) cartridges (Internal O-ring (213) cartridge optional)
- Available with 1/2", 3/4" and 1" in-line connections for easy installation.
- Ring nut closure for quick cartridge change outs
- Spring loaded knife edge seal provides positive sealing for variable length cartridges
- Supplied with mounting bracket kit and wrench
- Numerous gasket options for compatibility with most fluids

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

Specifications & Operating Parameters

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

Connections
Inlet/Outlet: 1/2", 3/4" or 1" FNPT
  Optional: BSPT, RF Flanges, Sanitary Ferrules or Grooved Fittings

Drain: RHB - 1/8" NPT Plug
RHB - Petcock

Materials of Construction
Head / Shell: RHS 316L SS / 316L SS
  RHS Brass / 304L Stainless Steel

Drain: RHS - 316L SS Plug
RHB - Brass

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

Cartridge Type
DOE Cartridges
  Optional: Internal O-ring (213) SOE

Custom 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.

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**Ordering Guide (Example: RHS-786-B )**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>QUANTITY (LENGTH) OF CARTRIDGES</th>
<th>MAXIMUM FLOW RATE* GPM (LPM)</th>
<th>MAXIMUM DIAMETER CARTRIDGE</th>
<th>DRAIN SIZE</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RH-78</td>
<td>1 (9 3/4 - 10’’)</td>
<td>7 (26.5)</td>
<td>2 3/4’’</td>
<td>1/8’’</td>
<td>13 9/16’’ (34.4 cm) 12 3/4’’ (32.4 cm)</td>
</tr>
<tr>
<td>RH-80</td>
<td>1 (19 1/2 - 20’’)</td>
<td>14 (53)</td>
<td>2 3/4’’</td>
<td>1/8’’</td>
<td>23 9/16’’ (59.8 cm) 22 3/4’’ (57.8 cm)</td>
</tr>
<tr>
<td>RH-90</td>
<td>1 (30’’)</td>
<td>21 (79.5)</td>
<td>2 3/4’’</td>
<td>1/8’’</td>
<td>33 9/16’’ (85.2 cm) 32 3/4’’ (83.2 cm)</td>
</tr>
</tbody>
</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.

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**Dimensions**

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**Customization**

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**Shelco Filters**

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