3, 4, 7 & 12 HF & UHF Series
High Flow Multi-Cartridge Housings

Request a Quote Today!

- High Flow Multi-Cartridge Housings are designed for industrial and commercial high flow filtration requirements. Reduced filter costs and maintenance requirements provide an exceptional value.
- ASME “U” code design housings for commercial and industrial filtration needs.
- Heavy-duty 304L or 316L stainless steel construction for maximum durability and corrosion resistance.
- Available in 3, 4, 7 and 12-round configurations.
- Offered in 40” and 60” length designs.
- Swing Bolt closure for quick and easy cartridge change-outs.
- Holds multiple High Flow Series elements for fast and simple push / pull installation.
- Inside-out flow retains contaminant during change out.
- Heavy-duty stainless steel mounting leg assembly.
- Available in horizontal and vertical designs.
- Gauge ports standard.

Applications
- Water
- Desalination
- Pre RO Systems
- Food & Beverage
- Chemicals
- Coolants
- Electronics
- Power
- Oil and Gas
- Pulp and Paper
- Sea Water: 134W or 135 coating required.

Specifications & Operating Parameters

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

Connections
Inlet/Outlet: 3” through 12” Flanges
Optional: NPT, TC, BSP, DIN consult with factory

Finish
Glass Bead on exterior surfaces
Optional: Poly-coat, Electro-polish, Passivate, 134W (NSF 61) or 135 coating

Gaskets
Standard: Buna N (Standard)
Optional: EPR, Silicone or Viton

Materials of Construction
Head and Shell: 304L or 316L Stainless Steel
Connections: 304L or 316L Stainless Steel
Vent and Drain Plugs: 304L or 316L Stainless Steel
Swing Bolt Hardware: Zinc Plated Steel

Cartridge Type
HFC – High Flow cartridge, 6” Dia nom x 40” or 60” lengths
Heavy-duty exterior hard cage. See HFC data sheet for cartridge selection.

Custom Options
- Pressure gauges installed
- Outlet porting options
- Vertical orientations
See ordering guide for complete selection of options

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Customization

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

Housing Flow vs. Pressure Drop

Dimensions: Inches  (Dimensions below are for general layout only, consult with factory for approval drawings)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CTG. LENGTH</th>
<th>STYLE</th>
<th>MAX FLANGE</th>
<th>FLOW CAPACITY**</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3HF4H-6F</td>
<td>40&quot;</td>
<td>H</td>
<td>6F</td>
<td>800</td>
<td>66 1/8&quot;</td>
<td>30 3/4&quot;</td>
<td>52 1/2&quot;</td>
<td>14&quot;</td>
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<td>4HF4H-6F</td>
<td>40&quot;</td>
<td>H</td>
<td>6F</td>
<td>1100</td>
<td>65 11/16&quot;</td>
<td>31 3/4&quot;</td>
<td>51 7/8&quot;</td>
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<td>7HF4H-8F</td>
<td>40&quot;</td>
<td>H</td>
<td>8F</td>
<td>1800</td>
<td>79 1/2&quot;</td>
<td>33 3/4&quot;</td>
<td>60 1/4&quot;</td>
<td>19 1/8&quot;</td>
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<td>12HF4H-12F</td>
<td>40&quot;</td>
<td>H</td>
<td>12F</td>
<td>3000</td>
<td>85&quot;</td>
<td>36 3/8&quot;</td>
<td>61 3/4&quot;</td>
<td>21 1/2&quot;</td>
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<td>40&quot;</td>
<td>H</td>
<td>8F</td>
<td>3000</td>
<td>69&quot;</td>
<td>30 3/4&quot;</td>
<td>54 1/8&quot;</td>
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<td>3HF6H-6F</td>
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<td>H</td>
<td>6F</td>
<td>900</td>
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<td>72 1/2&quot;</td>
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<td>H</td>
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<td>1200</td>
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<td>7HF6H-8F</td>
<td>60&quot;</td>
<td>H</td>
<td>8F</td>
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<td>12F</td>
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* Flow capacity is for guidelines only, actual flow rates are based on fluid, viscosity, micron ratings, connections size and other factors. Please consult the factory for specific product selection.

Ordering Guide (Example: 3HF4H6-6FB-135)

<table>
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<tr>
<th>MODEL</th>
<th>LENGTH</th>
<th>STYLE</th>
<th>MATERIAL</th>
<th>CONNECTIONS</th>
<th>GASKET</th>
<th>OPTIONS</th>
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<tr>
<td>3HF</td>
<td>40&quot;</td>
<td>H</td>
<td>60&quot;</td>
<td>304L SS</td>
<td>B = Buna N (Standard)</td>
<td>GPA = Gauge parts w/gauges</td>
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<tr>
<td>4HF</td>
<td>60&quot;</td>
<td>H</td>
<td>Vertical</td>
<td>316L SS</td>
<td>E = EPR</td>
<td>134W = Coating (NSF 61)</td>
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<tr>
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<td>V</td>
<td>Vertical</td>
<td>304L SS</td>
<td>V = Viton</td>
<td>135 = Coating</td>
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<tr>
<td>12HF</td>
<td>60&quot;</td>
<td>H</td>
<td>Vertical</td>
<td>304L SS</td>
<td>S = Silicone</td>
<td>EP = Electropolished</td>
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<tr>
<td>UHF</td>
<td>ASME</td>
<td>CODE</td>
<td></td>
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<td>T/S = Teflon Encapsulated</td>
<td>P = Passivate</td>
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<td></td>
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<td></td>
<td></td>
<td>Silicone</td>
<td>NS = No stamp UHF only</td>
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For pricing and information please call
Commercial Filtration Supply at (855)-236-0467

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