Rosedale Model HSS300 and HSS750
Single Cartridge Housings for Liquids

The Rosedale Model HSS single element filter housing is an all stainless steel unit ideal for general industrial service. It features a ring-nut closure (HSS 300) or bolt closure (HSS750) for easy access to the head and cartridge sump.

- The HSS is available in 10", 20", 30", or 40" cartridge models.
- HSS300 units are rated for 300 PSI service at 200°F.
- HSS750 units are rated for 750 PSI service at 200°F.

Flow rates to 40 GPM are acceptable depending on cartridge selection. Buna-N gaskets are standard, while other materials are available.

**Standard Features**

- Simple closure for quick cartridge change outs
- In line fittings for easy installation
- Knife edge seal at both cartridge ends to eliminate by-pass
- Housings accept double-open-end cartridges

For detailed information about filter cartridges, see pages 184-203.
**Dimensions [IN]**

**MODEL HSS300**

- HEAD 1" NPT
- LOCKING RING
- GASKET
- CARTRIDGE
- HOUSING

**MODEL HSS750**

- HEAD 3/4" NPT
- O-RING
- LOCKING RING
- CARTRIDGE
- HOUSING

<table>
<thead>
<tr>
<th>Model</th>
<th>PSI</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSS300-M101</td>
<td>300</td>
<td>13-9/16</td>
<td>12-3/4</td>
</tr>
<tr>
<td>HSS300-M102</td>
<td></td>
<td>23-9/16</td>
<td>22-3/4</td>
</tr>
<tr>
<td>HSS300-M103</td>
<td></td>
<td>33-9/16</td>
<td>32-3/4</td>
</tr>
<tr>
<td>HSS300-M104</td>
<td></td>
<td>43-9/16</td>
<td>42-3/4</td>
</tr>
<tr>
<td>HSS750-M101</td>
<td>750</td>
<td>13</td>
<td>12-1/8</td>
</tr>
<tr>
<td>HSS750-M102</td>
<td></td>
<td>23</td>
<td>22-1/8</td>
</tr>
<tr>
<td>HSS750-M103</td>
<td></td>
<td>33</td>
<td>32-1/8</td>
</tr>
<tr>
<td>HSS750-M104</td>
<td></td>
<td>43</td>
<td>42-1/8</td>
</tr>
</tbody>
</table>

Dimensions are reference only and should not be used for hard plumbing. Consult factory for certified drawings.
**Standard Design Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Qty. (Length) of Cartridges</th>
<th>Flow Rate GPM*</th>
<th>Max Ctg Diameter</th>
<th>Approx. Ship Weight</th>
<th>Box Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>M101</td>
<td>1 (10&quot;)</td>
<td>7</td>
<td>2 3/4” OD</td>
<td>10 lbs</td>
<td>4x5x16</td>
</tr>
<tr>
<td>M102</td>
<td>1 (20&quot;)</td>
<td>14</td>
<td>2 3/4” OD</td>
<td>12 lbs</td>
<td>4x5x25</td>
</tr>
<tr>
<td>M103</td>
<td>1 (30&quot;)</td>
<td>21</td>
<td>2 3/4” OD</td>
<td>14 lbs</td>
<td>4x5x36</td>
</tr>
<tr>
<td>M104</td>
<td>1 (40&quot;)</td>
<td>28</td>
<td>2 3/4” OD</td>
<td>16 lbs</td>
<td>4x5x47</td>
</tr>
</tbody>
</table>

Based on 7 gpm per 10” length with a 25 micron wound cartridge at 2PSID clean and a viscosity of 1 cps.

*Flow rates are guide lines only. Actual flow rates are based on fluid, viscosity, cartridge type, micron ratings and other factors.

**How To Order**

Build an ordering code as shown in the example

**Example:**

```
HSS300 - M101 - SS304 - 1.0 - V
```

- **MODEL**
  - HSS300 Cartridge Filter
  - HSS750 Cartridge Filter

- **CARTRIDGE LENGTH**
  - 10” = M101
  - 20” = M102
  - 30” = M103
  - 40” = M104

- **GASKET**
  - Blank = Buna-N
  - E = EPR
  - V = Viton

- **INLET/OUTLET**
  - 3/4” = 3/4” NPT
  - 1.0 = 1” NPT
  - 1-1/4” = 1-1/4” NPT

- **MATERIAL**
  - SS304 = 304 stainless steel