Backflushing Filter AutoFilt® RF3

395-1120 gpm
1500-4235 L/min
150 psi
10 bar

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flange Size</td>
<td>6&quot; ANSI</td>
</tr>
<tr>
<td>Flow Range</td>
<td>395-1120 gpm (420-1800 L/min)</td>
</tr>
<tr>
<td>Working Pressure</td>
<td>150 psi (10 bar)</td>
</tr>
<tr>
<td>Max. Working Temperature</td>
<td>194°F (90°C)</td>
</tr>
<tr>
<td>Empty Weight</td>
<td>530 lbs. (240 kg)</td>
</tr>
<tr>
<td>Housing Volume</td>
<td>16 gallons (60 L)</td>
</tr>
<tr>
<td>Filter Area</td>
<td>960 in.² (6190 cm²)</td>
</tr>
<tr>
<td>No. of Filter Elements</td>
<td>6</td>
</tr>
<tr>
<td>Backflush Flange Size</td>
<td>1 1/2&quot; ANSI</td>
</tr>
</tbody>
</table>
| Backflush Volume                       | 9 gallons (34 L/cycle) Electric-Pneumatic Controls (EPT)  
45 gallons (170 L/cycle) All Electric Controls (EU) |

NOTES:
1. Metric dimensions in ( ).
2. Drawings may change without notice. Contact factory for certified drawings.
How to Build a Valid Model Number for a RF3:

**Example:**

**NOTE:** One option per box

<table>
<thead>
<tr>
<th>BOX 1</th>
<th>BOX 2</th>
<th>BOX 3</th>
<th>BOX 4</th>
<th>BOX 5</th>
<th>BOX 6</th>
<th>BOX 7</th>
<th>BOX 8</th>
<th>BOX 9</th>
<th>BOX 10</th>
<th>BOX 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF3</td>
<td>1</td>
<td>EPT8</td>
<td>NG</td>
<td>N</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>KS1000</td>
<td>1</td>
<td>ASME</td>
</tr>
</tbody>
</table>

= RF3-1-EPT8-NG-N-5-3-2/KS1000-1-ASME

**Filter Series**

<table>
<thead>
<tr>
<th>BOX 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF3</td>
</tr>
</tbody>
</table>

**Filter Size**

<table>
<thead>
<tr>
<th>BOX 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

**Drive Control / Connecting Voltage**

- EPT = Electric pneumatic cycle control, \( \Delta p \) dependent
- EU = Electric control, \( \Delta p \) dependent
- PT = Pneumatic cyclic control, \( \Delta p \) dependent
- PTZ = Pneumatic cyclic timed control + select one below:
  - 7 = 3X415V/N/PE 60Hz
  - 8 = 3X460V/X/PE 60Hz
  - B = 3X575V/X/PE 60Hz
  - E = 1X230V/N/PE 60Hz
  - F = 1X110V/N/PE 60Hz

**Housing Material and Coating**

- N = Standard Steel 1.0038, outside primed
- NM = Standard Steel 1.0038, outside primed, inside metallogal painted
- NG = Standard Steel 1.0038, outside primed, inside rubber coated
- E = Stainless Steel 1.4571
- A = with ANSI-flanged, add. A at the end

**Differential Pressure Gauge**

1 = Pressure Chamber, Aluminum 3.258302
2 = Pressure Chamber, Stainless Steel 1.4305
3 = With Chemical Seal Stainless Steel 316TI
5 = HDA 4700 Stainless Steel
6 = HDA 4300 Duplex Stainless Steel

**Flange Position**

1 = Filter outlet opposite filter inlet (standard)
2 = Filter outlet offset 90˚ clockwise to standard
3 = Filter outlet offset by 180˚ clockwise to standard
4 = Filter outlet offset by 270˚ clockwise to standard

**Modification Number**

2 = Latest version supplied by factory

**Element Set**

- KD25 = Conical SuperMesh™
- KD40 = Conical SuperMesh™
- KS50 = Conical Slotted Tubes
- KS100 = Conical Slotted Tubes
- KS200 = Conical Slotted Tubes
- KS300 = Conical Slotted Tubes
- KS400 = Conical Slotted Tubes
- KS500 = Conical Slotted Tubes
- KS1000 = Conical Slotted Tubes
- KS1500 = Conical Slotted Tubes
- KS2000 = Conical Slotted Tubes
- KS2500 = Conical Slotted Tubes
- KS3000 = Conical Slotted Tubes

**NOTES:**

- Box 3. Needs to have control type and voltage selected ex. EPT8.
- Box 4. can contain two options ex. NMA.
- If ANSI flanges are not specified DIN style will be provided.