Backflushing Filter AutoFilt® RF3

Specifications

| Flange Size:       | 12" ANSI |
| Flow Range:        | 2420-3790 gpm (9170-14,350 L/min) |
| Working Pressure:  | 150 psi (10 bar) |
| Max. Working Temperature: | 194°F (90°C) |
| Empty Weight:      | 1260 lbs. (570 kg) |
| Housing Volume:    | 74 gallons (280 L) |
| Filter Area:       | 2910 in.² (18,750 cm²) |
| No. of Filter Elements | 9 |
| Backflush Flange Size: | 2.5" ANSI |
| Backflush Volume:  | 25 gallons (95 L/cycle) Electric-Pneumatic Controls (EPT) |
|                    | 125 gallons (475 L/cycle) All Electric Controls (EU) |

Pressure Drop Information

Based on Flow Rate and Viscosity

RF3 Flow Curves

NOTES:
1. Metric dimensions in ().
2. Drawings may change without notice. Contact factory for certified drawings.
# Backflushing Filter AutoFilt® RF3

## How to Build a Valid Model Number for a RF3:

<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>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example:** **NOTE:** One option per box

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<tr>
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<th>BOX 10</th>
<th>BOX 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF3</td>
<td>3</td>
<td>EPT8</td>
<td>NG</td>
<td>N</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>KS1000</td>
<td>3</td>
<td>ASME</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
  - 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

- **Filter Series:**
  - RF3

- **Filter Size:**
  - 3

- **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

- **Shut-Off Valve Material:**
  - N = Standard Steel
  - E = Stainless Steel

- **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

- **Size of Element Set:**
  - 3

- **Vessel Certification:**
  - Omit = Standard Version
  - ASME = ASME Version

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