**RF3-2.5** Backflushing Filter AutoFilt® RF3

**1760-2640 gpm**  
**6670-10,000 L/min**  
**150 psi**  
**10 bar**

**Specifications**

- **Flow Rate**: 1760-2640 gpm (6670-10,000 L/min)
- **Working Pressure**: 150 psi (10 bar)
- **Max. Working Temperature**: 194°F (90°C)
- **Empty Weight**: 990 lbs. (450 kg)
- **Housing Volume**: 50 gallons (190 L)
- **Filter Area**: 1940 in.² (12,500 cm²)
- **No. of Filter Elements**: 6
- **Backflush Flange Size**: 2"ANSI
- **Backflush Volume**: 17 gallons (65 L/cycle) Electric-Pneumatic Controls (EPT)  
  85 gallons (325 L/cycle) All Electric Controls (EU)

**Pressure Drop Information Based on Flow Rate and Viscosity**

**Figures and Diagrams**

**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:

Example: NOTE: One option per box

<table>
<thead>
<tr>
<th>BOX 1</th>
<th>BOX 2</th>
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<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>
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### Box 1
- **Filter Series**: RF3

### Box 2
- **Filter Size**: 2.5

### Box 3
- **Drive Control / Connecting Voltage**:
  - EPT = Electric pneumatic cycle control, ∆p dependent
  - EU = Electric control, ∆p dependent
  - PT = Pneumatic cyclic control, ∆p dependent
  - PTZ = Pneumatic cyclic timed control
  - 7 = 3X415V/N/PE 60Hz
  - 8 = 3X460V/X/PE 60Hz
  - B = 3X575V/X/PE 60Hz
  - E = Stainless Steel 1.4571
  - F = 1X110V/N/PE 60Hz

### Box 4
- **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

### Box 5
- **Shut-Off Valve Material**:
  - N = Standard Steel
  - E = Stainless Steel

### Box 6
- **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

### Box 7
- **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

### Box 8
- **Modification Number**:
  - 2 = Latest version supplied by factory

### Box 9
- **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

### Box 10
- **Size of Element Set**:
  - 2.5

### Box 11
- **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.
- If ANSI flanges are not specified DIN style will be provided.