**Backflushing Filter AutoFilt® RF12**

**Specifications**

| Process Connection: | G 1½" Female |
| Max Flow:           | 21 gpm (80 L/min) |
| Max. Working Pressure: | 145 psi (10 bar) |
| Weight:             | 33 lbs. (15 kg) |
| Housing Volume:     | 0.48 gallons (1.8 L) |
| Filter Area:        | 55 in.² (356 cm²) |
| No. of Filter Elements: | 1 |
| Backflush Connection: | G1" Female |
| Backflush Volume:   | 0.79 gallons (3 L/cycle) |

**NOTES:**
1. Metric dimensions in ( ).
2. Drawings may change without notice. Contact factory for certified drawings.

**Process Connection:**

- G 1½" Female

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**Max. Working Pressure:**

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- G1" Female

**Backflush Volume:**

- 0.79 gallons (3 L/cycle)
# Backflushing Filter AutoFilt® RF12

## Filter Model Number Selection

### How to Build a Valid Model Number for a RF12:

<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>
</tr>
</thead>
<tbody>
<tr>
<td>RF12</td>
<td>EP0</td>
<td>1</td>
<td>S</td>
<td>0</td>
<td>10</td>
<td>X</td>
<td>KSD25</td>
</tr>
</tbody>
</table>

Example: NOTE: One option per box

- BOX 1
- BOX 2
- BOX 3
- BOX 4
- BOX 5
- BOX 6
- BOX 7
- BOX 8

= RF12-1-EP0-1-S-0-10-X / KSD25

### Filter Series

- **RF12**

### Protective Filter

- **EP0** = Electropneumatic control without pilot valves
- **EP1** = Electropneumatic control incl. pilot valve 24 VDC Device connector DIN EN 175301-803 / for A (w/o mating connector)
- **EP2** = Electropneumatic control incl. pilot valve 24 VDC Device connector M12x1 (w/o mating connector)
- **EP3** = Electropneumatic control incl. pilot valve 230 VAC Device connector DIN EN 175301-803 / form A (w/o mating connector)
- **EP23** = Electropneumatic control incl. pilot valve 230 VAC, with timer control (1 x 230V/IN/PE 50 Hz)
- **EPD3** = Electropneumatic control incl. pilot valve 230 VAC, with differential pressure control (1 x 230V/IN/PE 50 Hz)

### Material

- **1** = Filter housing: aluminum, internal parts: stainless steel

### Back-flushing Valve

- **0** = Without G1* connection
- **CO** = Coaxial valve, brass
- **KN** = Ball valve, brass, nickel-plated
- **S** = Piston control valve, brass

### Differential Pressure Monitoring

- **0** = Without differential pressure monitoring
- **5** = 2x HDA 4700 stainless steel (4 - 20 mA)
- **7** = Fixed value 0.5 bar. Type GW, n.c. contact

### Pressure Range

- **10** = 145 psi (10 bar)

### Modification Code

- **X** = The latest version is always supplied

### Filter Elements/ Filtration Rating

- **S** = Preceded with an additional "S" for SuperFlush non-sticking coating
- **KSS** = Wedge wire 30 µm to 1000 µm
- **KSD** = SuperMesh wire mesh, sintered, 25 µm / 40 µm / 60 µm; others on request