**RFH-4**

**Backflushing High Pressure Filters RFH-4**

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**Specifications**

- **Max. Flow Rate:** 211 gpm (800 L/min)
- **Max. Operating Pressure:**
  - Manual: 5076 psi (350 bar)
  - Automatic: 2900 psi (200 bar)
- **Control Pressure:** 2176-5076 psi (150-350 bar)
- **Inlet/Outlet Connection Size:** SteckO DN50 or G 2"
- **Max. Differential Pressure:** 5076 psi (350 bar)
- **Max. Operating Temperature:** 194°F (90°C)
- **Weight:**
  - Stainless Steel: 210 lbs. (95 kg)
  - Brass: 247 lbs. (112 kg)
- **Housing Volume:** 1.1 gallons (4.2 L)
- **Backflush Line Connection:** SteckO DN 19
- **Control Pressure Connection:** SteckO DN 10
- **Filter Area:** 170 in.² (1094 cm²)

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**NOTES:**

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

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# Backflushing High Pressure Filter RFH-4

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

- **Filter Series**
  - RFH

- **Size (flow)**
  - 4 = 210 gpm (800 L/min)

- **Connection Type**
  - S = Steck-O (staple lock)
  - G = 2 ISO female G thread

- **Connection Size**
  - 50 = 50mm

- **Material**
  - M = Brass
  - E = Stainless Steel
  - M/E = Brass/Stainless Steel combination

- **Element Seal**
  - 0 = without
  - N = Buna N (standard)
  - V = Viton

- **Control Type**
  - 1 = Manual
  - 2 = Hydraulic Actuator
  - 3 = Electro-Hydraulic Actuator

- **Modification Number**
  - RH = Backflushing high pressure element

- **Element Type**
  - RH

- **Seal Material**
  - N = NBR
  - V = Viton

- **Element Material**
  - D = Wire Mesh
  - S = Slotted Tube

- **Element Size**
  - 4

- **Filtration Rating**
  - Slotted Tube:
    - 50, 100, 200, 500 μm
  - Wire Mesh:
    - 25, 40, 60 μm

## Example: NOTE: One option per box

```plaintext
<table>
<thead>
<tr>
<th>Filter Series</th>
<th>Size (flow)</th>
<th>Connection Type</th>
<th>Connection Size</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFH</td>
<td>4 = 210 gpm</td>
<td>S = Steck-O</td>
<td>50 = 50mm</td>
<td>M = Brass</td>
</tr>
<tr>
<td></td>
<td></td>
<td>G = 2 ISO female</td>
<td></td>
<td>E</td>
</tr>
</tbody>
</table>
```

## Special Order

- **SO = Customer Requirements**
- **Note:** SO will change to a numeric sequence following receipt of order

*Shaded selections are preferred order codes that designate shorter lead times.*