**Technical features**

*Medium:*
Compressed air only

*Maximum inlet pressure:*
- Transparent bowl: 10 bar (145 psi)
- Metal bowl: 17 bar (250 psi)

*Remaining oil content:*
0.01 mg/m³ at +21°C (69°F)

*Particle removal:*
To 0.01 µm

*Port size:*
- G1/4, G3/8, G1/2
- 1/4 PTF, 3/8 PTF, 1/2 PTF

*Flow:*
10 dm³/s at port size: G3/8
Operating pressure: 6.3 bar (91 psi)

*Drain:*
- Manual, automatic

*Automatic drain operating conditions (float operated):*
Bowl pressure required to close drain: > 0.3 bar (5 psi)
Bowl pressure required to open drain: ≤ 0.2 bar (2.9 psi)
Minimum air flow required to close drain: 0.1 dm³/s (0.2 scfm)
Manual operation: depress pin inside drain outlet to drain bowl

*Ambient/Media temperature:*
- Transparent bowl: -34 ... +50°C (-30 ... +122°F)
- Metal bowl: -34 ... +65°C (-30 ... +150°F)

*Note:*
Install an F73G filter with a 5 µm filter element upstream of the F73C filter for maximum service life.

*Materials:*
- Body: die cast aluminium
- Bowl: transparent PC, with or without steel guard
- Alternative aluminium
- Element: synthetic fibre & PE foam
- Elastomers: CR & NBR

**Technical data - standard models**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Size</th>
<th>Drain</th>
<th>Bowl</th>
<th>Weight (kg)</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="1/4" alt="G1/4" /></td>
<td>G1/4</td>
<td>—</td>
<td>Manual</td>
<td>PC (transparent)</td>
<td>0.54</td>
<td>F73C-2GD-QT0</td>
</tr>
<tr>
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<td>G3/8</td>
<td>Basic</td>
<td>Manual</td>
<td>PC (transparent)</td>
<td>0.54</td>
<td>F73C-3GD-QT0</td>
</tr>
<tr>
<td><img src="1/2" alt="G1/2" /></td>
<td>G1/2</td>
<td>—</td>
<td>Manual</td>
<td>PC (transparent)</td>
<td>0.54</td>
<td>F73C-4GD-QT0</td>
</tr>
<tr>
<td><img src="1/4" alt="G1/4" /></td>
<td>G1/4</td>
<td>—</td>
<td>Automatic</td>
<td>PC (transparent)</td>
<td>0.54</td>
<td>F73C-2GD-AT0</td>
</tr>
<tr>
<td><img src="3/8" alt="G3/8" /></td>
<td>G3/8</td>
<td>Basic</td>
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<td>F73C-3GD-AT0</td>
</tr>
<tr>
<td><img src="1/2" alt="G1/2" /></td>
<td>G1/2</td>
<td>—</td>
<td>Automatic</td>
<td>PC (transparent)</td>
<td>0.54</td>
<td>F73C-4GD-AT0</td>
</tr>
</tbody>
</table>

**Option selector**

- **Port size:**
  - 1/4" (G1/4)
  - 3/8" (G3/8)
  - 1/2" (G1/2)

- **Thread form:**
  - PTF (A)
  - ISO G parallel (standard) (G)

- **Service life indicator:**
  - With (visual, standard) (D)
  - Without (N)

- **Substitute Numbers:**
  - 2
  - 3
  - 4

- **Bowl:**
  - Transparent (T)
  - Metal (D)
  - Transparent with guard (P)

- **Drain:**
  - Manual (Q)
  - Automatic (A)

---

*Flow:*
10 dm³/s at port size: G3/8
Operating pressure: 6.3 bar (91 psi)

*Drain:*
- Manual, automatic

*Automatic drain operating conditions (float operated):*
Bowl pressure required to close drain: > 0.3 bar (5 psi)
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*Note:*
Install an F73G filter with a 5 µm filter element upstream of the F73C filter for maximum service life.

*Materials:*
- Body: die cast aluminium
- Bowl: transparent PC, with or without steel guard
- Alternative aluminium
- Element: synthetic fibre & PE foam
- Elastomers: CR & NBR
Flow characteristics

Element saturated
Port size G3/8

Element dry
Port size G3/8

Typical performance characteristics

<table>
<thead>
<tr>
<th>Inlet pressure (bar)</th>
<th>Maximum flow dm³/s* F73C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>2,5</td>
<td>6,3</td>
</tr>
<tr>
<td>6,3</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>11,3</td>
</tr>
</tbody>
</table>

* Maximum flow to maintain stated oil removal performance

Accessories

Wall mounting bracket | Quikclamp® | Quikclamp with wall bracket® | Quikmount pipe adaptor *1) | Porting block with three alternative 1/4" ports | 2/2 Shut-off valves (for full technical specification see datasheet 8.180.600) | 3/2 Shut-off valves (for full technical specification see datasheet 8.180.600) |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Page 3</td>
<td>Page 3</td>
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<td>Page 3</td>
<td>Page 3</td>
<td>Page 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G2/8: 4315-10</td>
<td>1/4 PTF: 4316-50</td>
<td>G3/8: T73B-3GA-P1N</td>
<td>G3/8: T73B-3GA-P1N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G1/2: 4315-11</td>
<td>1/4 PTF: T73B-4GA-P1N</td>
<td>G1/2: T73B-4GA-P1N</td>
<td>G1/2: T73B-4GA-P1N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1/4 PTF: 4315-01</td>
<td>1/4 PTF: T73B-2AA-P1N</td>
<td>1/4 PTF: T73B-2AA-P1N</td>
<td>1/4 PTF: T73B-2AA-P1N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1/2 PTF: 4315-03</td>
<td>1/2 PTF: T73B-4AA-P1N</td>
<td>1/2 PTF: T73B-4AA-P1N</td>
<td>1/2 PTF: T73B-4AA-P1N</td>
</tr>
</tbody>
</table>

*1) Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

Pressure switch

Porting block for pressure switch | Pressure switch (0,5 ... 8 bar) | Padlock (brass) with two keys *1)

<table>
<thead>
<tr>
<th>Page 3</th>
<th>Page 3</th>
<th>Page 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>052311000000000000</td>
<td>088130000000000000</td>
<td>061363000000000000</td>
</tr>
</tbody>
</table>

*1) for shut-off valves

Padlock

Padlock (brass) with two keys *1)

<table>
<thead>
<tr>
<th>Page 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>052311000000000000</td>
</tr>
</tbody>
</table>

*1) for shut-off valves

Service kits

Automatic drain | Replacement element

<table>
<thead>
<tr>
<th>Page 3</th>
<th>Page 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>F73C-KITA0C</td>
<td>4444-01</td>
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</table>

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F73C - EXCELON® Modular System
Oil removal filters

Drawings
F73C

Automatic drain

Manual drain

# Minimum clearance required to remove bowl
- Main ports 1/4", 3/8" or 1/2"
- Service life indicator
- Transparent bowl with or without guard
- Metal bowl with liquid level indicator lens

Accessories
Quikclamp®
Quikclamp® with wall bracket
Porting block
Pipe adapter

Wall mounting bracket

Shut-off valves

Porting block for pressure switch

- Main ports 1/4", 3/8" or 1/2" ISO G/PTF
- Exhaust port M5 at 3/2 valve only
- Pressure switch is not in scope of delivery
- Alternative G1/2 ports plugged
Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under «Technical features/data». Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, Norgren Inc.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.