### Features and Benefits

- Our new 63 gph fuel filter is designed with compact off-highway equipment in mind.
- Our high performance, dual function diesel filtration and water separation uses the same two-stage element design found in our larger filters.
- Dual function: Diesel filtration and water separation through the two-stage element designs.
- High performance stability due to an efficient water separation on clean side over the entire service life.
- Simple and fast element replacement makes servicing the HDP 240 easy.
- Easy installation and flexibility due to various porting configurations options.
- Guaranteed quality as the filter can only be operated with use of quality replacement elements.
- Modular porting, priming pump, and heater options make for easy installation and servicing in tight spaces.

### Options Available

- Transparent or black bowl
- Fuel pre-heater
- Water-in-fuel sensor (necessary with black bowl)
- Hand priming pump
- Various Inlet/Outlet port configuration options (consult factory for special requests)

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rating</td>
<td>up to 63 gph (up to 240 lph)</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>&lt;14.5 psia, (&lt;1 bar absolute) suction side application</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-40°F to 194°F (-40°C to 90°C)</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>WIF: 12/24VDC</td>
</tr>
<tr>
<td></td>
<td>Heater: 12VDC</td>
</tr>
<tr>
<td>Fuel Preheater Rated Power</td>
<td>175W</td>
</tr>
<tr>
<td>Weight of incl. Element</td>
<td>240 BC: approx. 2.7 lbs (1.2 kg.)</td>
</tr>
<tr>
<td>Water Separation Efficiency</td>
<td>&gt;95% to ISO CD 16332</td>
</tr>
<tr>
<td>Porting Thread</td>
<td>M16 x 1.5</td>
</tr>
</tbody>
</table>
### HDP 240

**On-Board Diesel Fuel Coalescing Filter**

**HDP KF1 240 BC1**

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**Metric Dimensions in ( ).**
Dimensions shown are inches (millimeters) for general information and overall envelope size only.
For complete dimensions please contact Schroeder Industries to request a certified print.

---

**Filter Model Number Selection**

**How to Build a Valid Model Number for a Schroeder HDP Housing Supplied w/ Element:**

<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>HDP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example:**

NOTE: Only box 9 may contain more than one option

<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>HDP</td>
<td>KF1</td>
<td>240</td>
<td>BC1</td>
<td>10</td>
<td>W</td>
<td>X</td>
<td>/-</td>
<td>-DLO-TR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

= HDP KF1 240 BC1 10 W 1.X/-DLO-TR

---

**Filter Series**

- HDP

**Filter Material**

- KF1 = Dieselmicro®

**Size**

- 240 = 63 gph

**Evolution Stage**

- BC1 = Manual Drain Configuration

**Filtration Rating**

- 7 μm

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**Type of Clogging Indicator**

- W = No clogging indicator

**Type Code**

- 1

**Modification Number**

- X = Latest version number always supplied

**Options**

- AS16 = WIF sensor w/ integral drain
- PH4R = Hand priming pump, right handed operation
- H3L = Integrated fuel pre-heater (12 VDC) Left inlet port orientation

---

**Port Orientation**

- DOO = Inlet top, outlet top
- DLO = Inlet left, outlet top

**Bowl Option**

- Omit = Black
- TR = Transparent

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**NOTES:**

For other options, including the ones listed below, contact factory:
- Porting orientation not listed in model code builder
- SAE J1926 ORB or SAE J2044 Quick Connect Porting
- Cummins® ready Water-in-Fuel (WIF) sensor options
- Other OEM-ready Water-in-Fuel (WIF) sensor options

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90 SCHROEDER INDUSTRIES | FUEL FILTRATION