Muncie Power’s hydraulic filters reduce contamination related failures and equipment down time by ensuring cleaner hydraulic systems. We offer both nominal and absolute filtration with flow to 100 GPM.

### Standard Model Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Model Style</th>
<th>Media Type</th>
<th>Micron Rating</th>
<th>Bypass Setting</th>
<th>Port Type</th>
<th>Port Size</th>
<th>Gauge No.*</th>
<th>Replace. Element</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Return Line</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RLF*-25</td>
<td>A</td>
<td>C</td>
<td>10</td>
<td>25</td>
<td>NPT (2)</td>
<td>–16</td>
<td>FG-4</td>
<td>RE-25</td>
</tr>
<tr>
<td>RLF*-501</td>
<td>B</td>
<td>C</td>
<td>10</td>
<td>25</td>
<td>NPT (2)</td>
<td>–20</td>
<td>FG-4</td>
<td>RE-501</td>
</tr>
<tr>
<td>RLF*-100</td>
<td>C</td>
<td>C</td>
<td>10</td>
<td>25</td>
<td>NPT (2)</td>
<td>–24</td>
<td>FG-4</td>
<td>RE-501</td>
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<tr>
<td>RLF*-101</td>
<td>C</td>
<td>C</td>
<td>25</td>
<td>25</td>
<td>NPT (2)</td>
<td>–24</td>
<td>FG-4</td>
<td>RE-101</td>
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<tr>
<td><strong>Tank Top Return Line</strong></td>
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<td></td>
</tr>
<tr>
<td>TRLF*-501</td>
<td>E</td>
<td>C</td>
<td>10</td>
<td>25</td>
<td>NPT (2)</td>
<td>–20</td>
<td>FG-4</td>
<td>TRE-501</td>
</tr>
<tr>
<td>TRLF*-503</td>
<td>E</td>
<td>C</td>
<td>10</td>
<td>15</td>
<td>ODT (1)</td>
<td>–20</td>
<td>FG-3</td>
<td>TRE-501</td>
</tr>
<tr>
<td>TRLF*-503-10G25S77</td>
<td>E</td>
<td>G</td>
<td>10</td>
<td>25</td>
<td>ODT (1)</td>
<td>–20</td>
<td>FG-4</td>
<td>TRE-50110G</td>
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<tr>
<td>49T37524</td>
<td>E</td>
<td>C</td>
<td>10</td>
<td>25</td>
<td>ODT (2)</td>
<td>–20/24</td>
<td>FG-4</td>
<td>TRE-503(2)</td>
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<tr>
<td><strong>Pressure Line</strong></td>
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<tr>
<td>PLFR-451-10C50S65**</td>
<td>D</td>
<td>C</td>
<td>10</td>
<td>50</td>
<td>ODT (2)</td>
<td>–12</td>
<td>NA</td>
<td>PRE-45110C</td>
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<tr>
<td>PLFR-451-10C50S66**</td>
<td>D</td>
<td>C</td>
<td>10</td>
<td>50</td>
<td>ODT (2)</td>
<td>–16</td>
<td>NA</td>
<td>PRE-45110C</td>
</tr>
</tbody>
</table>

* Add letter G to model number to include gauge. All gauge ports are 1/8 NPT.
** Requires two mounting kits: PLFR-451-MK.

Note: Use electrical indicator switch part no. PM-515A to replace visual indicator FG-4. Does not include wiring and panel light.
STANDARD MODEL STYLES

**STYLE A**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dim B IN (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLF*-25</td>
<td>07.2 (183)</td>
</tr>
<tr>
<td>RLF*-241-L</td>
<td>10.2 (259)</td>
</tr>
</tbody>
</table>

Note: Elements will not interchange between the two models.

**STYLE B**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dim B IN (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLF*-501</td>
<td>09.3 (236)</td>
</tr>
<tr>
<td>RLF*-501-L</td>
<td>13.3 (338)</td>
</tr>
</tbody>
</table>

Note: Allow 1.5” (38) clearance for element removal.

**STYLE C**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dim B IN (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLF*-100</td>
<td>17 (432)</td>
</tr>
<tr>
<td>RLF*-101</td>
<td>25 (635)</td>
</tr>
<tr>
<td>RLF*-100-L</td>
<td>25 (635)</td>
</tr>
</tbody>
</table>

Note: Allow 1.5” (38) clearance for element removal.

**STYLE D**

| Model      | PLFR-451-***  |

Note: Allow 8.0” (203) CLEARANCE FOR ELEMENT REMOVAL.

Note: Elements will not interchange between the two models.
**STANDARD MODEL STYLES (CONT)**

**STYLE E**

*IN (MM)*

![Model Diagram]

- Port Size: See Below
- Condition Indicator: Analog Gauge (Colors) — G
- Return Line, Spin On — RLF
- Tank Top, Return, Drop In Element — TRLF
- Pressure Line, Drop In Element — PLFR
- Series (Max Flow Capacity): 024 GPM Max — 024, 045 GPM Max — 045, 025 GPM Max — 025, 050 GPM Max — 050, 027 GPM Max — 027, 055 GPM Max — 055, 037 GPM Max — 037, 100 GPM Max — 100
- Design Number: First Design — 1
- Element Length: Long — L

**Note:** Filter mounts through a 4.87” (124) dia. hole, using four .44” (11) dia. holes on a 6.25” (159) bolt circle.

**Note:** Allow 9.0” (229) clearance for element removal.

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**MODEL NUMBER CONSTRUCTION**

**TRLF-G-50-1-L 10-G-25-P-7-7**

**Product Style**
- Return Line, Spin On — RLF
- Tank Top, Return, Drop In Element — TRLF
- Pressure Line, Drop In Element — PLFR

**Condition Indicator**
- Analog Gauge (Colors) — G

**Series (Max Flow Capacity)**
- 024 GPM Max — 024
- 045 GPM Max — 045
- 025 GPM Max — 025
- 050 GPM Max — 050
- 027 GPM Max — 027
- 055 GPM Max — 055
- 037 GPM Max — 037
- 100 GPM Max — 100

**Design Number**
- First Design — 1

**Element Length**
- Long — L

**Micron Rating**
- 10 Micron — 10
- 25 Micron — 25

**Port Size (Secondary)**
- See Below

**Port Size**
- 5 — (–12)
- 6 — (–16)
- 7 — (–20)
- 8 — (–24)

**Port Type**
- P — NPT Pipe Thread
- S — ODT Straight Thread

**Bypass Valve Setting**
- 15 — 15 PSI
- 25 — 25 PSI
- 50 — 50 PSI

**Media Type**
- C — Cellulose (Paper)
- G — Microglass (300 PSI)

* Delete for None

Note: All microglass media elements carry a Beta Rating of B10 = 75. All RLF style filters use spin on style elements. All others use drop in elements.