The 50RB is a direct-acting, 2-way, normally closed valve. 50RB valves are used for liquid or discharge gas refrigerant service.

**Features**
- Long-life molded coils
- Extended ends for easy installation (standard)
- Screw-on coil
- 100 mesh inlet screen standard

**Options**
- Connection sizes to fit your system
- Straight-thru design
- Replace with RMF coil

**Specifications**
- PTFE seat material
- 30° leads
- Maximum fluid temperature: 250°F
- Maximum working pressure: 500 psig
- MOPD: 300 psig
- UL/CUL file number: MH25894

**Nomenclature** example: 50RB 4T22 SML 120/50-60

**Ordering Information and Nominal Liquid Capacity Table – Tons (kW)**

<table>
<thead>
<tr>
<th>PCN</th>
<th>DESCRIPTION</th>
<th>CONNECTION SIZE</th>
<th>COIL VOLTAGE/Hz</th>
<th>R-134a</th>
<th>R-450A/513A</th>
<th>R-22</th>
<th>R-407C</th>
<th>R-448A/449A</th>
</tr>
</thead>
<tbody>
<tr>
<td>063588</td>
<td>50RB 4 T 2 2 SML</td>
<td>1/4&quot; ODF</td>
<td>24/50-60</td>
<td>0.41 (1.4)</td>
<td>0.37 (1.3)</td>
<td>0.54 (1.9)</td>
<td>0.51 (1.8)</td>
<td>0.34 (1.2)</td>
</tr>
<tr>
<td>063455</td>
<td>50RB 4 T 2 2 SML</td>
<td>1/4&quot; ODF</td>
<td>120/50-60</td>
<td>0.41 (1.4)</td>
<td>0.37 (1.3)</td>
<td>0.54 (1.9)</td>
<td>0.51 (1.8)</td>
<td>0.34 (1.2)</td>
</tr>
<tr>
<td>063514</td>
<td>50RB 4 T 2 2 SML</td>
<td>1/4&quot; ODF</td>
<td>220/50-60</td>
<td>0.41 (1.4)</td>
<td>0.37 (1.3)</td>
<td>0.54 (1.9)</td>
<td>0.51 (1.8)</td>
<td>0.34 (1.2)</td>
</tr>
</tbody>
</table>

**NOTE:** Mounting enclosing tube more than 90° off vertical up position is not recommended.

**Dimensional Data (in)**

Capacities based on 100°F liquid and 40°F saturated evaporator per ARI standard 760-87.

*See Extended Capacity Tables for ratings at a wide range of conditions.