The LQ2 Series provides ultra-reliable, dripless connections and disconnections that protect valuable electronics. Designed specifically for liquid cooling applications, the LQ2 offers a high-flow capacity to optimize liquid cooling system performance. LQ2 uses a CPC-designed valve technology that eliminates drips and is able to withstand long-term use.

**Specifications**

**PRESSURE:**
Vacuum to 200 psi, 13.8 bar

**TEMPERATURE:**
0°F to 240°F (-17°C to 115°C)

**MAXIMUM FLOW AT DISCONNECT:**
1.00 gal/min at 0 – 100 psi
0.25 gal/min at 101 – 200 psi

**MATERIALS:**
Main Components: Chrome-plated brass
Valves and Thumb latch: Polysulfone
Valve Springs (wetted): Stainless steel
External springs and pin: Stainless steel
Seals: EPDM

**COLOR:** Chrome with Cool Blue or Warm Red

**TUBING SIZES:**
¼” ID (6.4mm ID)

**LUBRICANTS:** Krytox® PFPE

**SPILLAGE:**
<0.015 cc per disconnect at 0 psi
<0.063 cc per disconnect rated at 200 psi

**INCLUSION:** <0.063 cc per connect

**WARNING:** Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer’s responsibility to test the suitability of CPC’s products in their own application conditions.

The LQ2 Series provides ultra-reliable, dripless connections and disconnections that protect valuable electronics. Designed specifically for liquid cooling applications, the LQ2 offers a high-flow capacity to optimize liquid cooling system performance. LQ2 uses a CPC-designed valve technology that eliminates drips and is able to withstand long-term use.
**LQ2 SERIES DIMENSIONS**

**Coupling Bodies • CHROME-PLATED BRASS**

<table>
<thead>
<tr>
<th>TERMINATION</th>
<th>TUBING/THEAD SIZE</th>
<th>METRIC EQ</th>
<th>SHUTOFF</th>
<th>A</th>
<th>B</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN-LINE LOCKING HOSE BARB</td>
<td>1/4&quot; ID</td>
<td>6.4mm ID</td>
<td>LQ2D1704LRED</td>
<td>0.82</td>
<td>2.09</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1/4 SAE-04</td>
<td></td>
<td>LQ2D3004LRED</td>
<td>0.82</td>
<td>1.72</td>
<td></td>
</tr>
<tr>
<td>ELBOW LOCKING HOSE BARB</td>
<td>1/4&quot; ID</td>
<td>6.4mm ID</td>
<td>LQ2D3304LRED</td>
<td>1.54</td>
<td>1.64</td>
<td>1.03</td>
</tr>
<tr>
<td>IN-LINE THREAD G / BSPP</td>
<td>GL/8</td>
<td></td>
<td>LQ2D3102RED</td>
<td>0.82</td>
<td>1.67</td>
<td></td>
</tr>
</tbody>
</table>

**Coupling Inserts • CHROME-PLATED BRASS**

<table>
<thead>
<tr>
<th>TERMINATION</th>
<th>TUBING/THEAD SIZE</th>
<th>METRIC EQ</th>
<th>SHUTOFF</th>
<th>A</th>
<th>B</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN-LINE LOCKING HOSE BARB</td>
<td>1/4&quot; ID</td>
<td>6.4mm ID</td>
<td>LQ2D2204LRED</td>
<td>0.562</td>
<td>1.96</td>
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<tr>
<td></td>
<td>1/4 SAE-04</td>
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<td>LQ2D4604LRED</td>
<td>0.625</td>
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<tr>
<td>ELBOW LOCKING HOSE BARB</td>
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<td>6.4mm ID</td>
<td>LQ2D3102RED</td>
<td>1.313</td>
<td>1.51</td>
<td>1.03</td>
</tr>
<tr>
<td>IN-LINE THREAD G / BSPP</td>
<td>GL/8</td>
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<td>LQ2D4702RED</td>
<td>0.59</td>
<td>1.2</td>
<td></td>
</tr>
</tbody>
</table>

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters.

cpcworldwide.com/ContactUs

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