

LQ2 SERIES CONNECTOR



The LQ2 Series provides ultra-reliable, driplless 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.

FEATURES

- Color-coded thumb latch
- High flow capacity
- Redundant multilobed seals
- Wide variety of terminations

BENEFITS

- Simple, intuitive one-handed operation with visual difference in cooling lines
- Cost-effective fluid handling system
- Protection against leakage and ability to withstand extended periods of connection
- Terminations that work with various tubing options used in liquid cooling applications, including a locking hose barb for reinforced tubing

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)

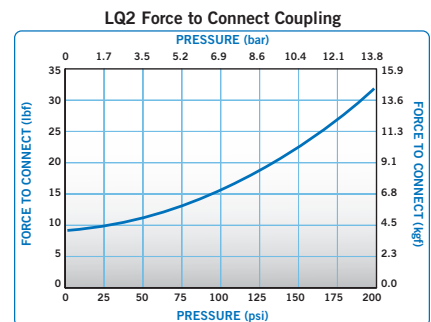
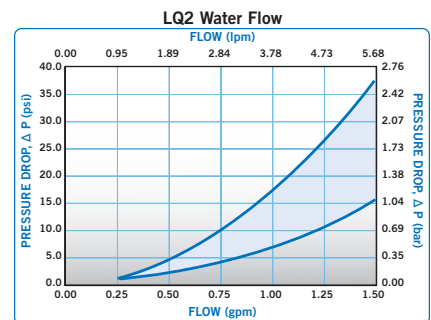
LUBRICANTS: Krytox® PFPE

SPILLAGE:

<0.015 cc per disconnect at 0 psi
<0.063 cc per disconnect rated at 200 psi

INCLUSION: <0.063 cc per connect

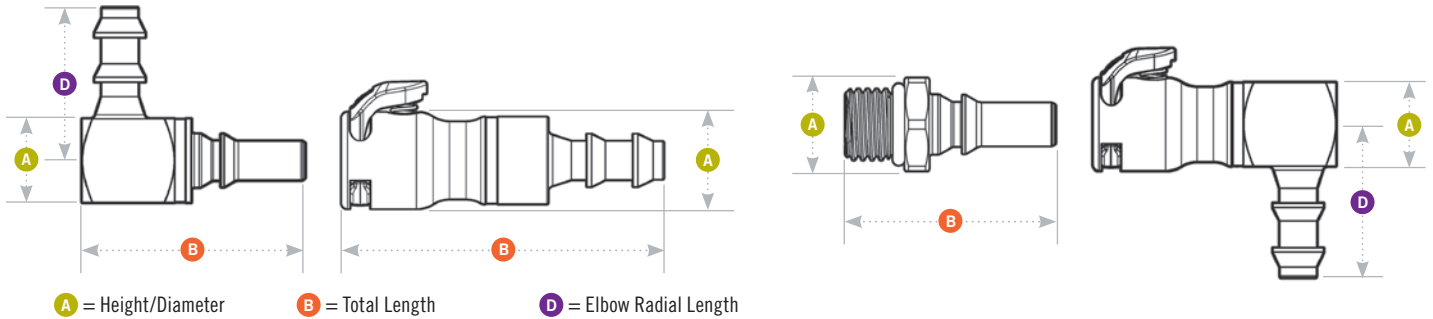
WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.



⚠ These graphs are intended to give you a general idea of the performance capabilities of each product line. Contact CPC for flow of a particular coupling combination

Visit us at cpcworldwide.com or call 800-444-2747 to get a free catalog or to find your local distributor.

LQ2 SERIES DIMENSIONS



Coupling Bodies • CHROME-PLATED BRASS

| TERMINATION | TUBING/THREAD SIZE | METRIC EQ. | SHUTOFF | A | B | D |
|----------------------------------|--------------------|------------|--------------|------|------|------|
| IN-LINE LOCKING HOSE BARB | 1/4" ID | 6.4mm ID | LQ2D1704LRED | 0.82 | 2.09 | |
| | | | LQ2D1704LBLU | | | |
| IN-LINE STRAIGHT THREAD PORT SAE | 1/4 SAE-04 | | LQ2D3004RED | 0.82 | 1.72 | |
| | | | LQ2D3004BLU | | | |
| ELBOW LOCKING HOSE BARB | 1/4" ID | 6.4mm ID | LQ2D3304LRED | 1.54 | 1.64 | 1.03 |
| | | | LQ2D3304LBLU | | | |
| IN-LINE THREAD G / BSPP | G1/8 | | LQ2D3102RED | 0.82 | 1.67 | |
| | | | LQ2D3102BLU | | | |

Coupling Inserts • CHROME-PLATED BRASS

| TERMINATION | TUBING/THREAD SIZE | METRIC EQ. | SHUTOFF | A | B | D |
|----------------------------------|--------------------|------------|--------------|-------|------|------|
| IN-LINE LOCKING HOSE BARB | 1/4" ID | 6.4mm ID | LQ2D2204LRED | 0.562 | 1.96 | |
| | | | LQ2D2204LBLU | | | |
| IN-LINE STRAIGHT THREAD PORT SAE | 1/4 SAE-04 | | LQ2D4604RED | 0.625 | 1.28 | |
| | | | LQ2D4604BLU | | | |
| ELBOW LOCKING HOSE BARB | 1/4" ID | 6.4mm ID | LQ2D2304LRED | 1.313 | 1.51 | 1.03 |
| | | | LQ2D2304LBLU | | | |
| IN-LINE THREAD G / BSPP | G1/8 | | LQ2D4702RED | 0.59 | 1.2 | |
| | | | LQ2D4702BLU | | | |

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



COLDER PRODUCTS COMPANY
U.S.A.

PHONE +1 651-645-0091
FAX +1 651-645-5404
TOLL FREE 800-444-2474

COLDER PRODUCTS COMPANY GMBH
Germany

PHONE +49-6026-9973-0
FAX +49-6026-9973-173

COLDER PRODUCTS COMPANY LIMITED
Hong Kong

PHONE +852-2987-5272
FAX +852-2987-2509

Smart fluid handling to take you forward, faster.

cpcworldwide.com/ContactUs

WARRANTY: All sales are subject to Colder Products Company's limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

COPYRIGHT © 2018 BY COLDER PRODUCTS COMPANY. COLDER PRODUCTS COMPANY, COLDER PRODUCTS AND CPC ARE REGISTERED TRADEMARKS WITH THE US PATENT & TRADEMARK OFFICE.
SPEC1048 09/18 GLS/250 PRINTED IN THE U.S.A.