

# LQ2 SERIES CONNECTOR



**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.

## FEATURES

Color-coded thumb latch

High flow capacity

Redundant multilobed seals

Locking hose barb

## 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

Quality connection with reinforced tubing used in liquid cooling applications

## 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

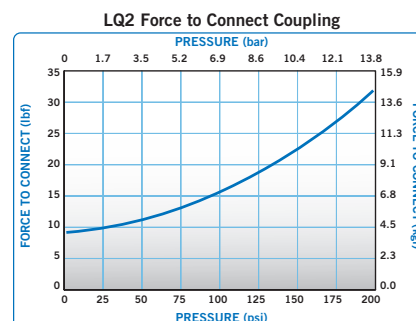
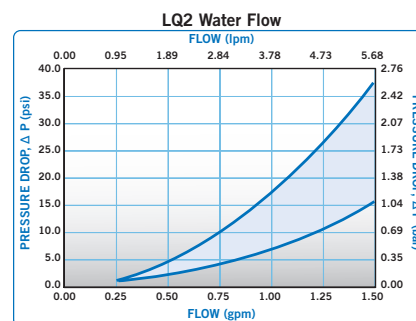
### SPILLAGE:

<0.015 cc per disconnect at 0 psi

<0.063 cc per disconnect rated at 200 psi

**INCLUSION:** <0.063 cc per connect

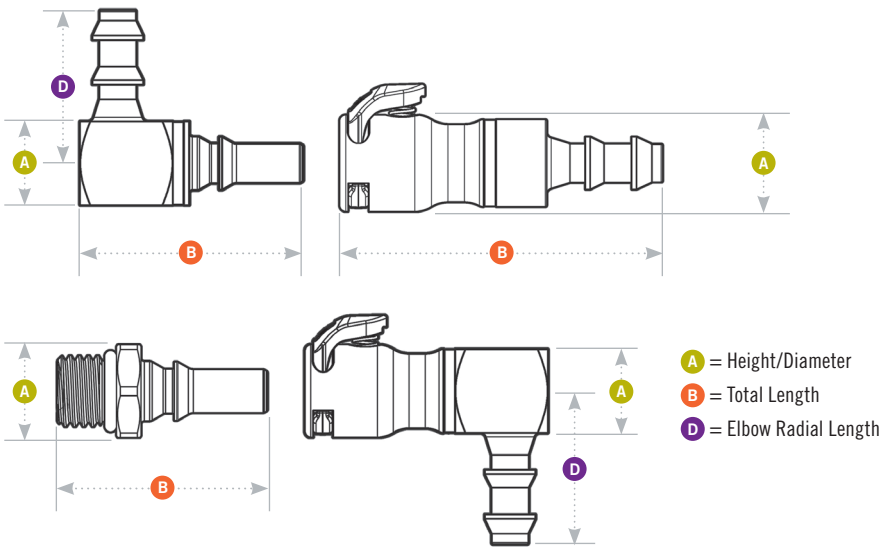
**WARNING:** Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.



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](http://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



	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B	D
TERMINATION IN-LINE LOCKING HOSE BARB	¼" ID	6.4mm ID	LQ2D1704LRED LQ2D1704LBLU	0.82	2.09	
IN-LINE STRAIGHT THREAD PORT SAE	¼ SAE		LQ2D3004RED LQ2D3004BLU	0.82	1.72	
ELBOW LOCKING HOSE BARB	¼" ID	6.4mm ID	LQ2D3304LRED LQ2D3304LBLU	1.54	1.64	1.03

## Coupling Inserts • CHROME-PLATED BRASS



	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B	D
TERMINATION IN-LINE LOCKING HOSE BARB	¼" ID	6.4mm ID	LQ2D2204LRED LQ2D2204LBLU	0.562	1.96	
IN-LINE STRAIGHT THREAD PORT SAE	¼ SAE		LQ2D4604RED LQ2D4604BLU	0.625	1.28	
ELBOW LOCKING HOSE BARB	¼" ID	6.4mm ID	LQ2D2304LRED LQ2D2304LBLU	1.313	1.51	1.03

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



美国CPC (Colder Products Company) 快速接头联系方式：  
西安嘉岳自动化技术有限公司 Garye Automation Company  
电话：029 - 8647 4991 传真：029 - 8647 3942  
手机：182 9256 1696 E-mail：sales@garye.cn Web：http://www.garye.cn

Smart fluid handling to take you forward, faster.

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 © 2016 BY COLDER PRODUCTS COMPANY. COLDER PRODUCTS COMPANY, COLDER PRODUCTS AND CPC ARE REGISTERED TRADEMARKS WITH THE US PATENT & TRADEMARK OFFICE.