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**SPECS &
INFORMATION**

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

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)

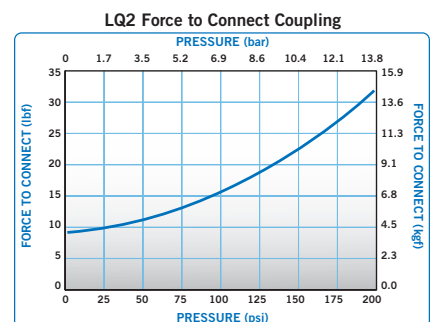
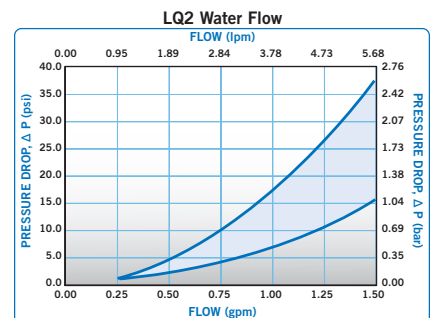
LUBRICANTS: Krytox® PFPE

SPILLAGE:

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

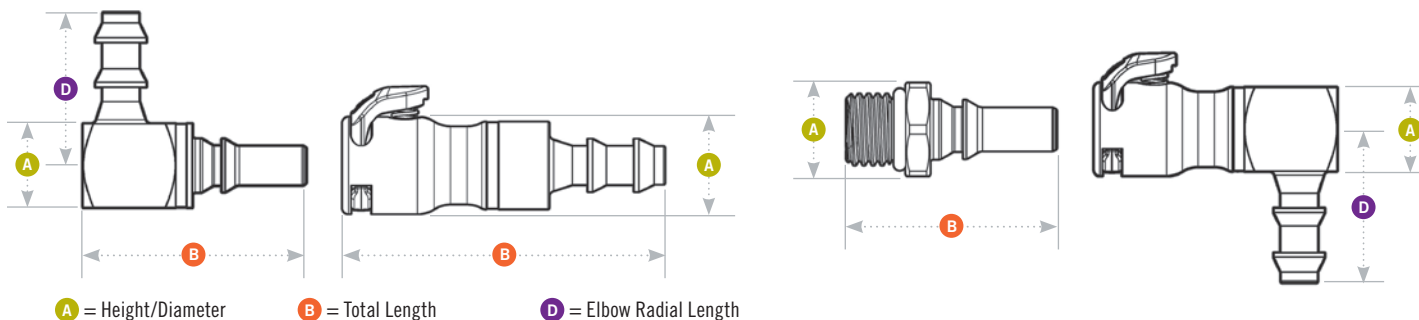
INCLUSION: <0.063 cc per connect

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

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 LQ2D1704LBLU	0.82	2.09	
IN-LINE STRAIGHT THREAD PORT SAE	1/4 SAE-04		LQ2D3004RED LQ2D3004BLU	0.82	1.72	
ELBOW LOCKING HOSE BARB	1/4" ID	6.4mm ID	LQ2D3304LRED LQ2D3304LBLU	1.54	1.64	1.03
IN-LINE THREAD G / BSPP	G1/8		LQ2D3102RED LQ2D3102BLU	0.82 0.82	1.67 1.67	

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 LQ2D2204LBLU	0.562	1.96	
IN-LINE STRAIGHT THREAD PORT SAE	1/4 SAE-04		LQ2D4604RED LQ2D4604BLU	0.625	1.28	
ELBOW LOCKING HOSE BARB	1/4" ID	6.4mm ID	LQ2D2304LRED LQ2D2304LBLU	1.313	1.51	1.03
IN-LINE THREAD G / BSPP	G1/8		LQ2D4702RED LQ2D4702BLU	0.59 0.59	1.2 1.2	

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



iq
parts
IQ-PARTS-SHOP.COM

info@iq-parts.nl
Harsweg 34A
2461 EZ Ter Aar
T +31 252 624 126
The Netherlands