



LQ4 SERIES CONNECTOR



LQ4 Series quick disconnect couplings provide ultra-reliable, driplless connections and disconnections that protect valuable electronics. Designed specifically for liquid cooling applications, LQ4 utilizes patent-pending valve technology that eliminates drips and is able to withstand long-term use.

Specifications

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

0°F to 240°F (-17°C to 115°C)

MAXIMUM FLOW AT DISCONNECT:

3.0 gal/min, 11.3L/min

MATERIALS:

Main housing components: Chrome-plated brass

Valves and thumb latch: Polysulfone

Valve spring (wetted): Stainless steel

External spring: Stainless steel

Seals: EPDM

COLOR:

Chrome with Cool Blue or Chrome with Warm Red

TUBING SIZES:

1/4" to 3/8" ID, 6.4mm to 9.5mm ID

LUBRICANTS:

Krytox® PFPE

SPILLAGE:

0.025 cc per disconnect rated at 0 psi

0.055 cc per disconnect rated at 120 psi

INCLUSION:

0.025 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.

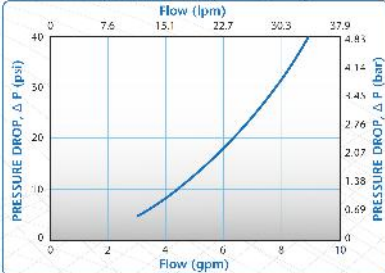
FEATURES

- Non-spill design
- Redundant sealing when connected
- Color-coding
- No seal friction in disconnect even after connected state
- Ruggedness
- Rotation allows movement

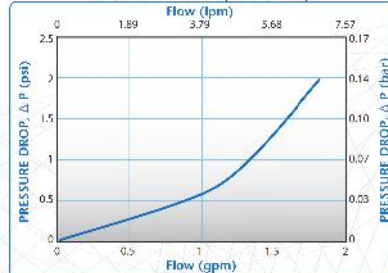
BENEFITS

- Disconnect under pressure with no spills
- Extra protection from leaks
- Instant visual difference in cooling lines
- Ultra-reliable protection from drips at long periods in connected state
- Able to withstand long-term, repeated use
- Eliminates tube kinking

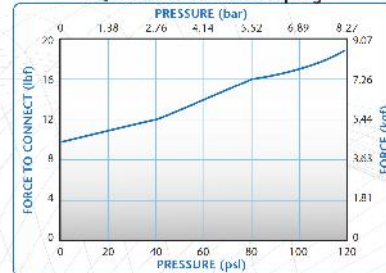
LQ4 Water Flow (0 – 20 GPM)



LQ4 Water Flow (0 – 2 GPM)



LQ4 Force to Connect Coupling



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.

