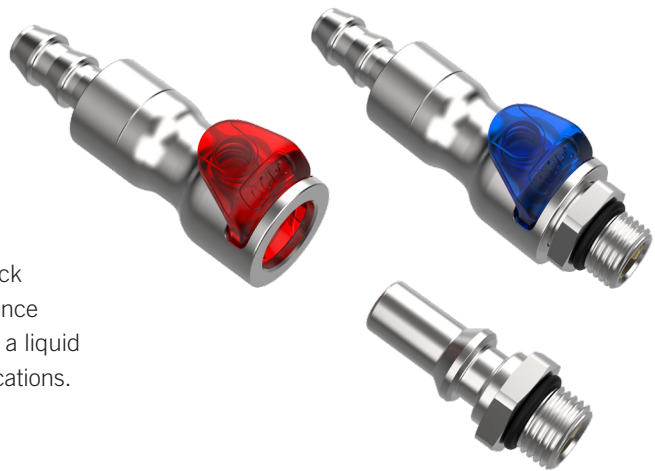


# EVERIS® UQD04 SERIES CONNECTOR



## Everis® UQD04 Series quick disconnect couplings

with 1/4" flow are designed for large scale liquid cooling. These quick disconnects offer ease of use, outstanding reliability, high performance and resistance to corrosion. The Everis UQD04 quick disconnect is a liquid cooling coupling designed to the OCP specification for server applications.

## SPECIFICATIONS

### PRESSURE:

Vacuum to 120 psi, 8.3 bar

### TEMPERATURE:

#### Operating:

36°F to 167°F (2°C to 75°C)

#### Storage/Shipping:

-40°F to 167°F (-40°C to 75°C)

### MATERIALS:

**Main Components:** 303 Stainless steel

**Valves and Thumb Latch:** High-performance polymer

**Valve Springs (wetted):** Stainless steel

**External Spring:** Stainless steel

**Seals:** EPDM

**Compliance:** RoHS, REACH

### COLOR:

Metallic with Black, Blue or Red

### TUBING SIZES:

3/8" ID (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

### FLOW COEFFICIENT:

Cv ~1.3 max (1.12 Kv)

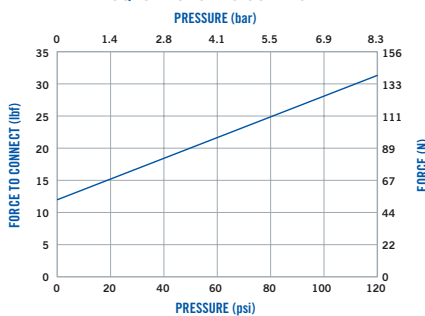
*WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.*

## FEATURES

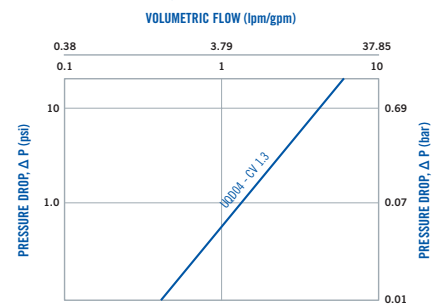
- Non-spill valve design → Dry break. Disconnect under pressure with no spills
- Redundant seals in circular state when connected → Extra protection from leaks over an extended period of time
- High flow capacity with low pressure drop → Efficient, cost-effective cooling
- Ergonomic body and latch design → Simple intuitive one handed operation
- Audible click → Signals secure connection
- Barbed and threaded terminations → Suited for various tubing options including clampless locking hose barb for reinforced tubing
- Intel-inspired design → Compliance with OCP standard for interoperability
- Designed and manufactured for scale → Supply chain assurance

## BENEFITS

UQD04 FORCE TO CONNECT



UQD04 FLOW RATE



*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.*



cpcworldwide.com/Everis-UQD04



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# EVERIS® UQD04 SERIES DIMENSIONS

## COUPLING BODIES - Stainless steel



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	PART NUMBER	COLOR	A	B	C
IN-LINE HOSE BARB	3/8" ID	9.5mm ID	4211200	Black	1.18 (30.0)	2.81 (71.5)	1.94 (49.3)
	3/8" ID	9.5mm ID	4211201	Blue	1.18 (30.0)	2.81 (71.5)	1.94 (49.3)
	3/8" ID	9.5mm ID	4211202	Red	1.18 (30.0)	2.81 (71.5)	1.94 (49.3)

## COUPLING INSERTS - Stainless steel

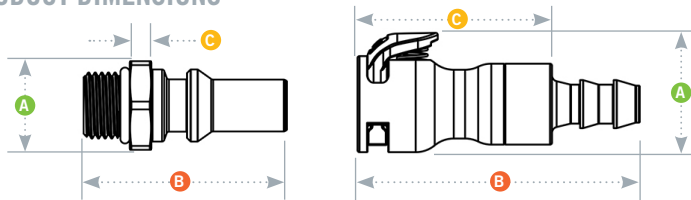


TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	PART NUMBER	COLOR	A	B	C
IN-LINE STRAIGHT THREAD PORT SAE	SAE-6	9.5mm ID	4211500	Black	0.83 (21.0)	1.72 (43.7)	0.18 (4.6)
	SAE-6	9.5mm ID	4211501	Blue	0.83 (21.0)	1.72 (43.7)	0.18 (4.6)
	SAE-6	9.5mm ID	4211502	Red	0.83 (21.0)	1.72 (43.7)	0.18 (4.6)

For FKM seal option, add V suffix to part number. Example: LQ4D30006BLUV

<sup>1</sup>All SAE terminations are compatible with SAE J1926-1 ports.

## PRODUCT DIMENSIONS



- A = Height/Diameter
- B = Total Length
- C = Connected Length

All measurements are in inches (millimeters) unless otherwise noted.

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.

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