EVERIS® UQD02 SERIES CONNECTOR



Everis® UQD02 Series quick disconnect couplings

with 1/8" flow are designed for liquid cooling applications. These quick disconnects offer ease of use, outstanding reliability, high performance and resistance to corrosion. The Everis UQD02 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:
1/4" (6.4 mm ID)

THREAD SIZES:
SAE-4

LUBRICANTS:
Krytox® PFPE

SPILLAGE:
<0.015 cc per disconnect rated at 0 psi

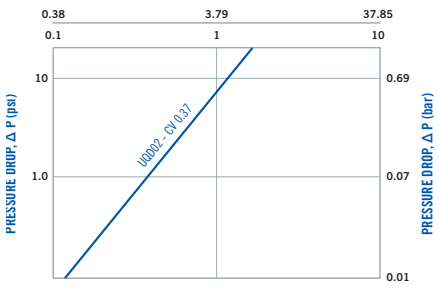
FLOW COEFFICIENT:
Cv ~ 0.37 max (0.32 Kv)

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™ products in their own application conditions.

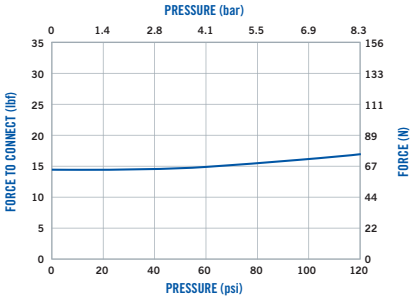
*The specified shipping and storage temperature range is specific to the CPC product and does not apply to external packaging or shipping materials.

FEATURES	BENEFITS
Non-spill valve design	Dry break. Disconnect under pressure with no spills
Redundant seals in connected state	Extra protection from leaks
High flow capacity with low pressure drop	Increased system energy efficiency
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
Designed for OCP interoperability	For seamless system integration
Designed and manufactured for scale	Supply chain assurance

UQD02 FLOW RATE



UQD02 FORCE TO CONNECT



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.

SCAN

cpcworldwide.com/Everis-UQD02

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EVERIS® UQD02 SERIES DIMENSIONS

COUPLING SOCKETS - Stainless steel



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	PART NUMBER	HEX	COLOR	A	B	C
IN-LINE LOCKING HOSEBARB	1/4" ID	6.4 mm ID	4238300		Black	0.88 (22.4)	2.15 (54.5)	1.40 (35.5)
	1/4" ID	6.4 mm ID	4238301		Blue	0.88 (22.4)	2.15 (54.5)	1.40 (35.5)
	1/4” ID	6.4 mm ID	4238302		Red	0.88 (22.4)	2.15 (54.5)	1.40 (35.5)

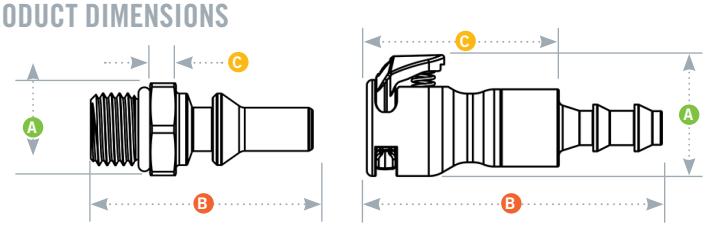
COUPLING PLUGS - Stainless steel



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	PART NUMBER	HEX	COLOR	A	B	C
IN-LINE STRAIGHT THREAD PORT SAE	1/4 SAE-4: 7/16-20		4238400	9/16"	Black	0.62	1.35	0.158
	1/4 SAE-4: 7/16-20		4238401	9/16"	Blue	0.62	1.35	0.158
	1/4 SAE-4: 7/16-20		4238402	9/16"	Red	0.62	1.35	0.158

[1]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 the Colder Products Company® 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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