EVERIS® UQDB04 & UQD04
HYBRID CONNECTOR SET

Everis® UQDB04 & UQD04 Series quick disconnects (QDs)

with 1/4" flow are designed for performance liquid cooling. These quick disconnects offer ease of use, outstanding reliability, high performance, and resistance to corrosion. The Everis® UQDB04 & UQD04 quick disconnects are liquid cooling couplings designed to the OCP V2 specification for server applications.



SPECIFICATIONS

PRESSURE:
Vacuum to 100 psi, 6.9 bar

TEMPERATURE:
Operating:
41°F to 149°F (5°C to 65°C)
Storage/Shipping*:
-40°F to 167°F (-40°C to 75°C)

MATERIALS:
Main Components: 304 Stainless steel
Valves: PEI
Valve Spring (wetted): Stainless steel
Seals: EPDM o-rings
Compliance: RoHS, REACH

COLOR: Metallic with blue or red

THREAD SIZES:
SAE-6 (UQD04)
SAE-8 (UQDB04)

LUBRICANTS: Krytox® PFPE

SPILLAGE:
<0.03 cc per disconnect at 0 psi

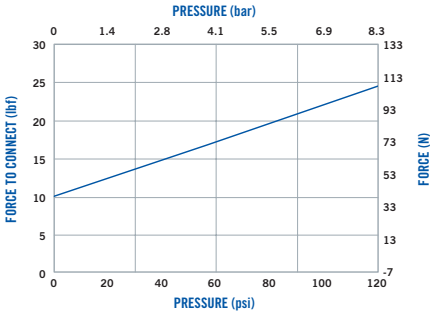
INCLUSION: <0.08 cc per connect on average

FLOW COEFFICIENT:
Cv ~ 1.32 max (1.14 Kv)

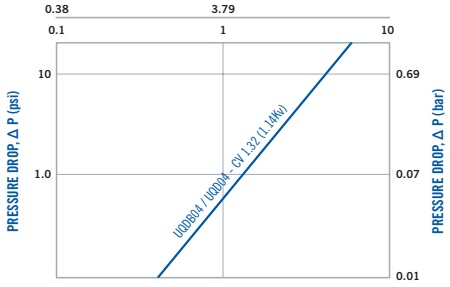
*The specified shipping and storage temperature range is specific to the CPC product and does not apply to external packaging or shipping materials.

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
Threaded terminations	For server and rack manifold mounting
Designed for OCP interoperability	Seamless system integration
Manufactured from 304 stainless steel	Inherently corrosion resistant
V2 design is backwards compatible with prior OCP specifications	Design, supply, and assembly simplicity
Designed and manufactured for scale	Supply chain assurance
Serialization	Lot traceability

UQDB04 & UQD04 FORCE TO CONNECT



UQDB04 & 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.

CPC® A DOVER COMPANY

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EVERIS® UQDB04 AND UQD04 SERIES DIMENSIONS

COUPLING SOCKET - Stainless steel



TERMINATION	TUBING/THREAD SIZE	PART NUMBER	HEX	A	B	C
IN-LINE STRAIGHT THREAD SAE	1/2 SAE-8: 3/4-16[1]	UQDB04D30008	44 mm	0.88 (22.3)	1.56 (39.6)	1.12 (28.5)
IN-LINE LOCKING HOSE BARB	3/8" ID	UQD04D17006LBLU		1.18 (30.0)	2.81 (17.5)	1.94 (49.3)
IN-LINE LOCKING HOSE BARB	3/8" ID	UQD04D17006LRED		1.18 (30.0)	2.81 (17.5)	1.94 (49.3)

[1]All SAE terminations are compatible with SAE J1926-1 ports.

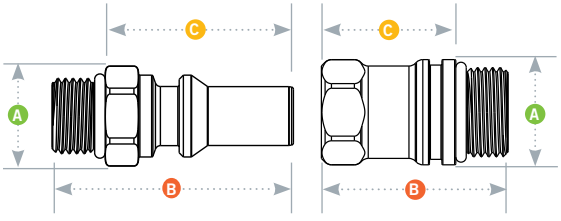
COUPLING PLUG - Stainless steel

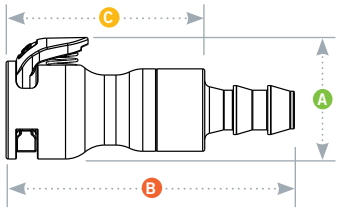


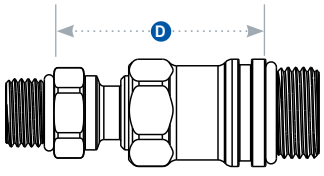
TERMINATION	TUBING/THREAD SIZE	PART NUMBER	HEX	A	B	C
IN-LINE STRAIGHT THREAD SAE	3/8 SAE-6: 9/16-18[1]	UQD04D46006BLU	44 mm	0.74 (18.7)	1.79 (45.4)	1.39 (35.3)
IN-LINE STRAIGHT THREAD SAE	3/8 SAE-6: 9/16-18[1]	UQD04D46006RED	44 mm	0.74 (18.7)	1.79 (45.4)	1.39 (35.3)

[1]All SAE terminations are compatible with SAE J1926-1 ports.

PRODUCT DIMENSIONS







A = Height/Diameter
B = Total Length
C = Length Excluding Termination
D = Connected Length Hybrid: 1.73 (44.1)

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

SCAN

cpcworldwide.com/UQD04-UQDB04-Hybrid

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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