

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:

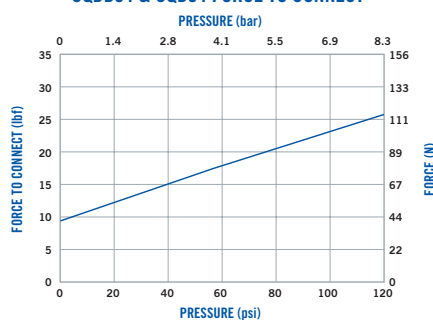
Cv ~ 1.32 max (1.14 Kv)

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

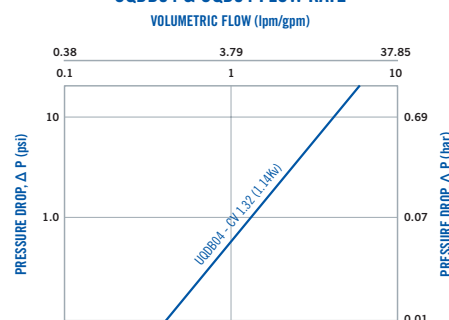
FEATURES

- 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.



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EVERIS® UQDB04 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)

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

EVERIS® UQD04 SERIES DIMENSIONS

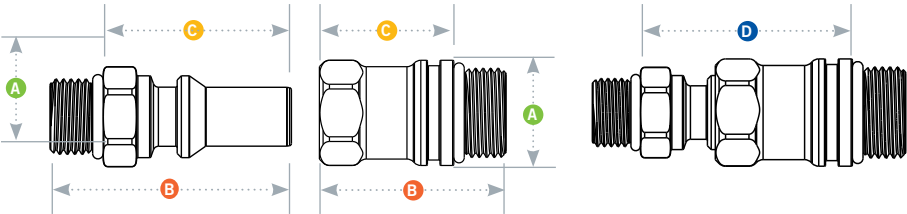
COUPLING PLUG - Stainless steel



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)

¹All 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: 1.79 (44.1)

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



SCAN

cpcworldwide.com/UQD04-UQDB04-Hybrid