

QS-style Compression Fitting Assembly

Submittal Information

Revision B: July 22, 2010

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

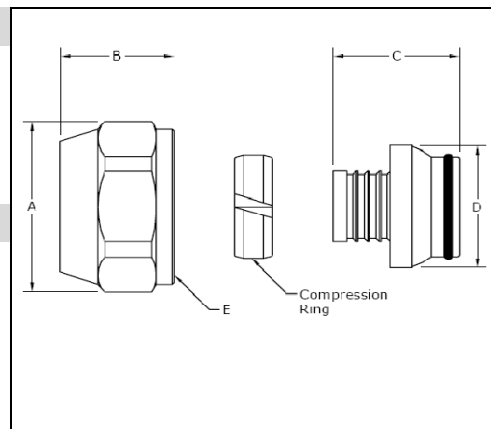
Technical Data

Fitting: CA 360 Brass
O-ring: Nitrile (Buna N)
Maximum Temperature (no pressure): 220°F (104°C)
Maximum Pressure: 125 psi (8.6 bar)

Product Information and Application Use

The Uponor R20 Compression Fitting Assembly threads onto manifold loop outlets. This R20 QS (Quick Seal) compression fitting connects Wirsbo hePEX™ or Uponor AquaPEX® tubing to the manifold in radiant heating applications and is designed for 5/16", 3/8", 1/2" or 5/8" tubing.

The R25 QS compression fitting does not directly thread onto the manifold, but onto other R25 connections, and is designed for use with 5/8" and 3/4" tubing only.



✓ Description	Part Number	A	B	C	D	E	Weight
5/16" QS-style Compression Fitting Assembly, R20 thread	A4020313	1.37"	1.00"	0.95"	0.95"	R20	0.26 lbs.
3/8" QS-style Compression Fitting Assembly, R20 thread	A4020375	1.37"	1.00"	0.95"	0.95"	R20	0.23 lbs.
1/2" QS-style Compression Fitting Assembly, R20 thread	A4020500	1.37"	1.00"	0.95"	0.95"	R20	0.21 lbs.
5/8" QS-style Compression Fitting Assembly, R20 thread	A4020625	1.37"	1.00"	0.95"	0.95"	R20	0.29 lbs.
5/8" QS-style Compression Fitting Assembly, R25 thread	A4030625	1.50"	1.00"	0.98"	1.18"	R25	0.30 lbs.
3/4" QS-style Compression Fitting Assembly, R25 thread	A4020750	1.62"	1.00"	1.00"	1.18"	R25	0.33 lbs.

Installation

The R20-threaded Compression Fitting connects to Uponor manifold loop outlets. The compression end enables direct connection to Wirsbo hePEX tubing. Use the R25-threaded Compression Fitting for other R25 connections. For more information, refer to the Radiant Floor Heating Installation Handbook.

Accessories and Replacement Parts

A4021116: Replacement O-ring for insert, R20
A4021000: Replacement O-ring for insert, R25
A4160313: 5/16" Compression Ring
A4160375: 3/8" Compression Ring
A4160500: 1/2" Compression Ring
A4160625: 5/8" Compression Ring
A4160750: 3/4" Compression Ring

Standards

ASTM F877

Codes

N/A

Listings

NSF-rfh; R20: ISO 228-G 3/4 B; R25: ISO 228-G 1 B

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA
Phone: (800) 321-4739
Fax: (952) 891-2008
www.uponor-usa.com

Uponor Ltd.
2000 Argentia Rd., Plaza 1, Ste. 200
Mississauga, ON L5N 1W1 CANADA
Phone: (888) 994-7726
Fax: (800) 638-9517
www.uponor.ca