

# Ensembles de raccords de compression pour collecteur de type QS



## Renseignements sur le projet

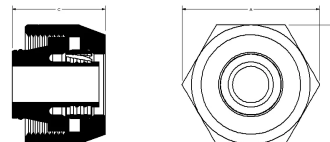
|                             |                     |
|-----------------------------|---------------------|
| Nom du poste :              | Lieu :              |
| Ingénieur :                 | Date de soumission: |
| Entrepreneur :              | Présentée par:      |
| Représentant du fabricant : | Approuvé par :      |

## Données techniques

|                         |  |
|-------------------------|--|
| Material                | Brass  |
| Temp/pressure ratings   | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar) |
| Prop 65 label required? | Yes  |

## Informations sur le produit et utilisation de l'application

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.



| Nom de la pièce  | Numéro de pièce | A [inch] | B [inch] | C [inch] | Subcomponent Material             | End Type 1       | End Type 2     | D [inch] | Cv   | Equivalent length through [ft] | Weight per UOM [lbs/UOM] |
|--|-----------------|----------|----------|----------|-----------------------------------|------------------|----------------|----------|------|--------------------------------|--------------------------|
| 5/16" QS-style Compression Fitting Assembly, R20 thread                        | A4020313        | 1.372    | 1.187    | 1.057    | Fitting: CA 360 Brass             | QS 5/16"         | ISO 228-G 3/4" | -        | -    | -                              | 0.26                     |
| 3/8" QS-style Compression Fitting Assembly, R20 thread                         | A4020375        | 1.372    | 1.187    | 1.004    | Fitting: CA 360 Brass             | QS 3/8"          | ISO 228-G 3/4" | -        | -    | -                              | 0.23                     |
| 1/2" QS-style Compression Fitting Assembly, R20 thread                         | A4020500        | 1.372    | 1.187    | 1.004    | Fitting: CA 360 Brass             | QS 1/2"          | ISO 228-G 3/4" | -        | -    | -                              | 0.21                     |
| 5/8" QS-style Compression Fitting Assembly, R20 thread                         | A4020625        | 1.372    | 1.187    | 1.004    | Fitting: CA 360 Brass             | QS 5/8"          | ISO 228-G 3/4" | -        | -    | -                              | 0.19                     |
| 5/8" QS-style Compression Fitting Assembly, R25 thread                         | A4030625        | 1.729    | 1.5      | 1.064    | Fitting: CA 360 Brass             | QS 5/8"          | ISO 228-G 1"   | -        | -    | -                              | 0.4                      |
| 3/4" QS-style Compression Fitting Assembly, R25 thread                         | A4020750        | 1.66     | 1.5      | 1.099    | Fitting: UNS C36000<br>UNS C37700 | QS 3/4"          | ISO 228-G 1"   | -        | -    | -                              | 0.33                     |
| 5/8" QS-style Compression Fitting Assembly for Commercial Manifold, R25 thread | A4050625        | 1.729    | 1.5      | 1.217    | -                                 | Compression 5/8" | ISO 228-G 1"   | -        | 6.58 | 4.56                           | 0.4                      |
| 3/4" QS-style Compression Fitting Assembly for Commercial Manifold, R25 thread | A4050750        | 1.66     | 1.5      | 1.221    | -                                 | Compression 3/4" | ISO 228-G 1"   | -        | 8.08 | 7.12                           | 0.4                      |

| Nom de la pièce   | Numéro de pièce | Les codes                 | Normes                        | Annonces                   |
|---|-----------------|---------------------------|-------------------------------|----------------------------|
| Ensembles de raccords de compression pour collecteur de type QS                 | All             | IMC IRC NBC of Canada UMC | CSA B137.5 ASTM F877          | cNSFus-rfh ICC-ES-PMG 1012 |
| In addition, the following parts have additional codes, standards, or listings: |                 |                           |                               |                            |
| 5/16" QS-style Compression Fitting Assembly, R20 thread                         | A4020313        |                           | R32: ISO 228-G 3/4"           |                            |
| 3/8" QS-style Compression Fitting Assembly, R20 thread                          | A4020375        |                           | R32: ISO 228-G 3/4"           |                            |
| 1/2" QS-style Compression Fitting Assembly, R20 thread                          | A4020500        |                           | R32: ISO 228-G 3/4"           |                            |
| 5/8" QS-style Compression Fitting Assembly, R20 thread                          | A4020625        |                           | R32: ISO 228-G 3/4"           |                            |
| 5/8" QS-style Compression Fitting Assembly, R25 thread                          | A4030625        |                           | R32: ISO 228-G 1"             |                            |
| 3/4" QS-style Compression Fitting Assembly, R25 thread                          | A4020750        |                           | R32: ISO 228-G 1"             |                            |
| 5/8" QS-style Compression Fitting Assembly for Commercial Manifold, R25 thread  | A4050625        |                           | R25: ISO 228-G 1" NSF/ANSI 14 | IAPMO-ES ICC PMG 1006      |
| 3/4" QS-style Compression Fitting Assembly for Commercial Manifold, R25 thread  | A4050750        |                           | R25: ISO 228-G 1" NSF/ANSI 14 | IAPMO-ES ICC PMG 1006      |

#### L'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.

#### Applications connexes

Radiant Heating and Cooling Systems  
Permafrost Protection Systems  
Turf Conditioning Systems

#### Notes de bas de page

#### Coordonnées de la personne-ressource

Uponor Inc.  
5925 148th Street West  
Apple Valley, MN 55124  
T 800.321.4739  
F 952.891.2008

Uponor Ltd.  
6510 Kennedy Road  
Mississauga, ON L5T 2X4  
T 888.594.7726  
F 800.638.9517