

Copper valved manifolds with R20/R25 threaded ball valves

Project information

|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved by:    |

Technical data

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cv                      | 7                                                                                                                                                      |
| Material                | Copper                                                                                                                                                 |
| Manifold size           | 2 inch                                                                                                                                                 |
| End type 1              | ISO 228-G 3/4"                                                                                                                                         |
| 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)<br>210 °F (99 °C) at 149 psi (10.3 bar) |
| Max. fluid flow rate    | 45 gpm                                                                                                                                                 |
| Prop 65 label required? | Yes                                                                                                                                                    |



Product information and application use

The 2" x 4' Copper Valved Manifold with R20/R25 Threaded Ball Valves is designed for radiant heating applications. The manifold has a 2" copper sweat fitting adapter supply connection and 3/4" nominal branches that are 4 inches on center. This 12-outlet manifold comes preassembled with R20 and R25 threaded ball valve connections.

This product is made to order, please contact [customer service](#) for lead time.

| Part name                                                                | Part no. | A [inch] | B [inch] | C [inch] | Weight per UOM [lbs/UOM] |
|--------------------------------------------------------------------------|----------|----------|----------|----------|--------------------------|
| 2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets | F2811220 | 48       | 5.728    | 2.319    | 14.75                    |

| Part name                                                 | Part no. | Codes | Standards                     | Listings   |
|-----------------------------------------------------------|----------|-------|-------------------------------|------------|
| Copper valved manifolds with R20/R25 threaded ball valves | F2811220 | -     | CSA B125 CSA B137.5 ASTM F877 | cNSFus-rfh |

Installation

Install using any product designed to mount 2" copper pipe as a mounting bracket. Refer to the Uponor Radiant Floor Heating Installation Handbook for additional information.

Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

Notes

Ball Cv for the R20 outlet:  
7.00  
Ball Cv for the R25 outlet: 7.30

Footnotes

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Contact information

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