

# 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)    |
|                         | 180 °F (82 °C) at 100 psi (6.9 bar)  |
|                         | 200 °F (93 °C) at 80 psi (5.5 bar)   |
|                         | 210 °F (99 °C) at 149 psi (10.3 bar) |
| Max. fluid flow rate    | 45 gpm                               |
| Prop 65 label required? | Yes                                  |



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.

| 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  | Related applications  |
|---|---|
| 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. | Radiant Heating and Cooling Systems<br>Permafrost Protection Systems<br>Turf Conditioning Systems |

| Notes   |
|---|
| Ball Cv for the R20 outlet:<br>7.00<br>Ball Cv for the R25 outlet: 7.30 |

| Footnotes | Contact information  |
|-----------|--|
| -         | Uponor Inc.<br>5925 148th Street West<br>Apple Valley, MN 55124<br>T 800.321.4739<br>F 952.891.2008<br><br>Uponor Ltd.<br>6510 Kennedy Road<br>Mississauga, ON L5T 2X4<br>T 888.594.7726<br>F 800.638.9517 |