

Copper valved manifolds with R20/R25 threaded ball and balancing valves



Project information

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

Technical data

Material	Copper
Manifold size	2 inch
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)
Prop 65 label required?	Yes

Product information and application use

The 2" x 4' Copper Valved Manifold with R20/R25 Threaded Ball and Balancing Valves features a large diameter and 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 and balancing valve connections.



Part name	Part no.	A [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Cv	End Type 1	Weight per UOM [kg/UOM]
2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	F2821220	1219.20	50.80	101.60	149.16	11.18	187.34	66.88	7	ISO 228-G 3/4"	8.709
2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	F2821225	1219.20	50.80	101.60	148.90	13.97	189.87	66.88	7.3	ISO 228-G 1"	8.709

Part name	Part no.	Codes	Standards	Listings
Copper valved manifolds with R20/R25 threaded ball and balancing valves	All	-	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
- Permafrost Protection Systems
- Turf Conditioning Systems

Notes

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

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

Footnotes

Contact information

-	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
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