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.

This product is made to order, please contact customer service for lead time.

	Part name	Part no.	A [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	Cv	End Type 1	Flow Rate Max. [gpm]
	2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	F2821220	48	2	4	5.872	0.44	7.376	2.633	7	ISO 228-G 3/4"	-
✔	2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	F2821225	48	2	4	5.862	0.55	7.475	2.633	7.3	ISO 228-G 1"	45

	Part name	Part no.	Weight per UOM [lbs/UOM]
	2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	F2821220	19.2
✔	2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	F2821225	19.2

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

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

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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