

# 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



## 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

-

## 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