Copper valved manifolds with ProPEX 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
Loop Cv	6.7 Cv
End type 1	ProPEX 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

Uponor offers 2" Copper Valved Manifold with ProPEX® Ball and Balancing Valves for radiant heating projects.1 The manifold has a 2" Copper Sweat Fitting Adapter supply connection and ¾" nominal branches. This 12-outlet manifold is preassembled with ⅝" or ¾" ProPEX balancing valve connections.

Part name	Part no.	A [inch]	B [inch]	C [inch]	Weight per UOM [lbs/UOM]
2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	Q2821275	48	7.871	2.633	15.25

Part name	Part no.	Codes	Standards	Listings
Copper valved manifolds with ProPEX ball and balancing valves	Q2821275	-	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 Valve Cv ” outlet: 6.60
Ball Valve Cv ¾” outlet: 6.70

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

© 2026 Uponor North America. All Rights Reserved