

## 2" x 4' Copper Valved Manifold with R20/R25 Threaded Ball Valves

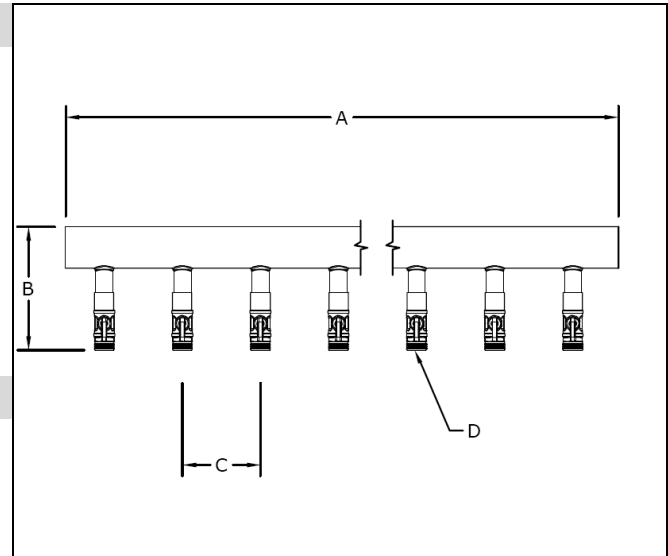
Submittal Information  
Revision B: March 4, 2011

### Project Information

Job Name:	
Location:	Part No. Ordered:
Engineer:	Date Submitted:
Contractor:	Submitted By:
Manufacturer's Representative:	Approved By:

### Technical Data

Manifold Body:	Type L Copper
Ball Valve:	360 Brass
Manifold Body Size:	2.0"
Maximum Working Temperature/Pressure:	210°F at 150 psi (99°C at 10 bar)
Maximum Temperature (no pressure):	320°F (160°C)
Maximum Flow Rate:	45 gpm
Ball Cv for the R20 outlet:	7.00
Ball Cv for the R25 outlet:	7.30



### 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.

✓ Description	Part Number	A	B	C	D	Weight
2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlet	F2811220	48.0"	6.32"	4.0"	R20	14.75 lbs.
2" x 4' Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlet	F2811225	48.0"	6.38"	4.0"	R25	16.00 lbs.

### 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.

### Accessories

A2402000: 2" Copper End Cap Spun End with Drain and Vent Connections

### Standards

CSA B137.5; CSA B125; ASTM F877

### Codes

N/A

### Listings

NSF-rfh; NSF 61-certified

### Related Applications

Radiant Heating and Cooling Systems  
Snow and Ice Melting Systems  
Permafrost Protection Systems  
Turf Conditioning Systems

### Contact Information

Uponor, Inc.  
5925 148th Street West  
Apple Valley, MN 55124 USA  
Phone: (800) 321-4739  
Fax: (952) 891-2008  
www.uponor-usa.com

Uponor Ltd.  
2000 Argenta Rd., Plaza 1, Ste. 200  
Mississauga, ON L5N 1W1 CANADA  
Phone: (888) 994-7726  
Fax: (800) 638-9517  
www.uponor.ca