

1" Copper Valveless Manifold

Submittal Information
Revision B: Oct. 21, 2010

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

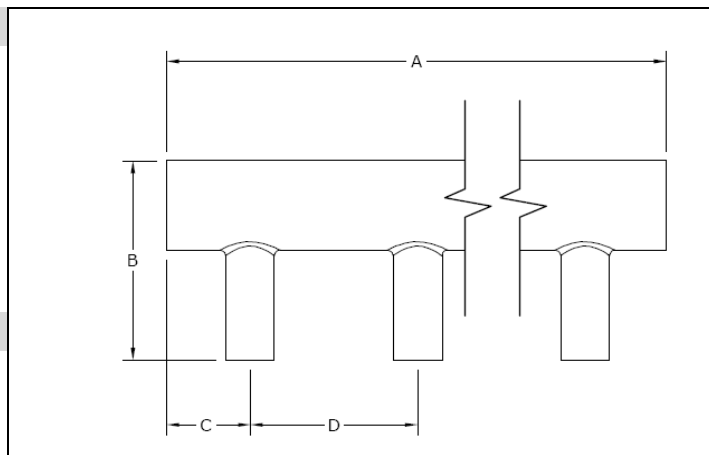
Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Material:	Type L Copper
Maximum Temperature (no pressure):	320°F (160°C)
Maximum Working Temperature/Pressure:	210°F (99°C) at 150 psi
Maximum Flow Rate:	21 gallons per minute (gpm)



Product Information and Application Use

The 1" Copper Valveless Manifold is used for hot and cold domestic potable-water distribution systems. It can also be used in balanced radiant systems that do not require individual loop control.

✓ Description	Part Number	A	B	C	D	Weight
1" Copper Valveless Manifold, 2 outlets, 1/2" sweat, 1 1/2" on center	F2741050	6.00"	2.70"	2.50"	1.50"	0.90 lbs.
1" Copper Valveless Manifold, 3 outlets, 1/2" sweat, 1 1/2" on center	F2751050	7.50"	2.70"	2.50"	1.50"	0.90 lbs.
1" Copper Valveless Manifold, 4 outlets, 1/2" sweat, 1 1/2" on center	F2761050	9.00"	2.70"	2.50"	1.50"	0.90 lbs.
1" Copper Valveless Manifold, 2 outlets, 3/4" sweat, 1 1/2" on center	F2741075	6.00"	2.60"	2.50"	1.50"	0.90 lbs.
1" Copper Valveless Manifold, 3 outlets, 3/4" sweat, 1 1/2" on center	F2751075	7.50"	2.60"	2.50"	1.50"	0.90 lbs.
1" Copper Valveless Manifold, 3 outlets, 1/2" sweat, 2" on center	F2781050	8.50"	2.70"	2.50"	2.00"	0.90 lbs.
1" Copper Valveless Manifold, 4 outlets, 1/2" sweat, 2" on center	F2791050	10.50"	2.70"	2.50"	2.00"	0.90 lbs.

Installation

For mounting brackets, use any product designed to mount 1" copper pipe. Use Uponor QS-style or ProPEX® Brass Sweat Adapters to make connections to Uponor AquaPEX® tubing.¹ Any bend within 6 inches of the ProPEX connection to the manifold requires the use of a Tube Talon (F7050750) or Bend Support (A5110500 and A5150500). All manifolds require a 1" copper end cap and applicable transition fitting. For further information, refer to the Uponor AquaPEX Professional Plumbing Installation Guide or the Uponor Radiant Installation Handbook.

Standards

CAN/CSA B137.5; ASTM F877

Codes

IPC; UPC; NSPC; NPC of Canada

Listings

1/2" UL 1821; ULC/ORD - C 199 P; HUD MR 1269; ICC ESR 1099; IAPMO; ANSI/NSF 14- and 61-certified

Related Applications

PEX-a Plumbing Systems
Radiant Heating and Cooling Systems

Contact Information

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