

Stainless-steel Manifold Assembly, 1" with Flow Meter



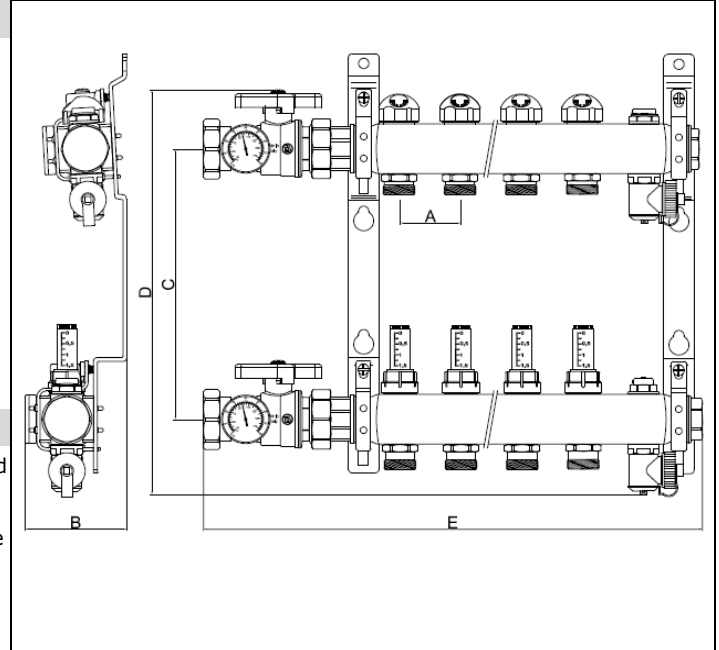
Submittal Information
Revision B: Sept. 4, 2014

Project Information

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

Technical Data

Manifold Material:	Stainless steel AISI304
Manifold Components:	Brass CW614N-UNI EN12164, CW617N-UNI EN12165
Manifold Body Size (I.D.):	1"
Manifold Assembly Loop Cv (flow with valve wide open):	1.1 Cv
Manifold Body Threaded Connections:	R32
Manifold Loop Threaded Connections:	R20
Maximum Fluid Flow Rate:	14 GPM
Hydrostatic Temp/Pressure Rating:	68°F (20°C) at 145 psi 158°F (70°C) at 87.4 psi 194°F (90°C) at 43.8 psi



Product Information and Application Use

The 1" Stainless-steel Manifold Assembly with flow meter comes fully assembled and ready for installation. Use the included flow meters located on the supply manifold to balance the loops across the manifold. The return manifold comes equipped with isolation valves for easy loop isolation. For multiple zoning on the manifold, the black caps are removed and replaced with Uponor Thermal Actuators. The manifold body ends have R32 union connections and the loop outlets have R20 male threads. The included manifold supply and return ball valves come with an R32 x 1" NPT connection.

✓	Description	Part No.	A	B	C	D	E	Weight
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	A2700202	1.97"	3.27"	8.90"	13.19"	12.03"	7.72 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	A2700302	1.97"	3.27"	8.90"	13.19"	14.00"	8.62 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	A2700402	1.97"	3.27"	8.90"	13.19"	15.97"	9.52 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	A2700502	1.97"	3.27"	8.90"	13.19"	17.94"	10.42 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	A2700602	1.97"	3.27"	8.90"	13.19"	19.91"	11.32 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	A2700702	1.97"	3.27"	8.90"	13.19"	21.88"	12.22 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	A2700802	1.97"	3.27"	8.90"	13.19"	23.85"	13.12 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	A2701002	1.97"	3.27"	8.90"	13.19"	27.79"	14.92 lbs.
	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	A2701202	1.97"	3.27"	8.90"	13.19"	31.73"	16.72 lbs.

Installation

The 1" Stainless-steel Manifolds are fully assembled and ready for installation. Manifold assembly comes with mounting brackets, isolation valves, balancing valves, fill/purge ports, air vents, ball valves, temperature gauges and end caps. Manifold adapters and fittings are sold separately. For further information, refer to the Uponor Stainless-steel Manifold Installation Guide.

Accessories and Replacement Parts

- A2771010: Mounting Bracket for Stainless-steel Manifold, 1", replacement part, set of 2
- A2771021: Stainless-steel Manifold Flow Meter 1.5 GPM Valve Body, replacement part
- A2771030: Stainless-steel Manifold Isolation Valve Body, replacement part
- A2771035: Stainless-steel Manifold Isolation Valve Body, O-ring, replacement part
- A2771040: Stainless-steel Manifold Replacement Gasket for R32 Union Connection
- A2771060: Spacer Ring VA10 for White Thermal Actuator

Standards	Codes	Listings
N/A	N/A	N/A

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.uponorpro.com

Uponor Ltd.
2000 Argentia Road, Plaza 1, Suite 200
Mississauga, ON L5N 1W1 CANADA
Phone: 888.994.7726
Fax: 800.638.9517
www.uponorpro.com