

Stainless-steel manifold assembly, 1" with flow meter

Project information	
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material Stainless Steel Subcomponent Material Manifold Components:

Brass CW614N-UNI EN12164, CW617N-UNI

1 inch

Manifold size 1.1 Cv Loop Cv ISO 228-G 1-1/4" End type 1 End type 2 ISO 228-G 3/4" Temp/pressure ratings

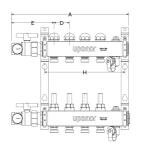
68 °F (20 °C) at 145 psi (10 bar) 158 °F (70 °C) at 87 psi (6 bar) 194 °F (90 °C) at 44 psi (3 bar)

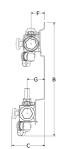
14 gpm

Max. fluid flow rate Prop 65 label required? Yes

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.





Part name	Part no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Weight per UOM [kg/UOM]
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	A2700202	283.46	358.63	97.58	50	139.40	39.37	52.07	156.11	4.173
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	A2700302	333.46	358.63	97.58	50	139.40	39.37	52.07	210.13	4.7174
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	A2700402	383.46	358.63	97.58	50	139.40	39.37	52.07	259.08	5.0621
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	A2700502	433.46	358.63	97.58	50	139.40	39.37	52.07	309.82	5.5338
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	A2700602	483.46	358.63	97.58	50	139.40	39.37	52.07	361.33	6.0101
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	A2700702	533.46	358.63	97.58	50	139.40	39.37	52.07	410.19	5.543
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	A2700802	583.46	358.63	97.58	50	139.40	39.37	52.07	460.87	5.951
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	A2701002	683.46	358.63	97.58	50	139.40	39.37	52.07	559.61	6.768
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	A2701202	783.46	358.63	97.58	50	139.40	39.37	52.07	660.26	7.584

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

Related applications

Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

Hydronic Heating and Cooling Systems

Footnotes	Contact in	Contact information				
	Uponor Inc.	Uponor Ltd.				
	5925 148th Street West	6510 Kennedy Road				
-	Apple Valley, MN 55124	Mississauga, ON L5T 2X4				
	T 800.321.4739	T 888.594.7726				
	F 952.891.2008	F 800.638.9517				