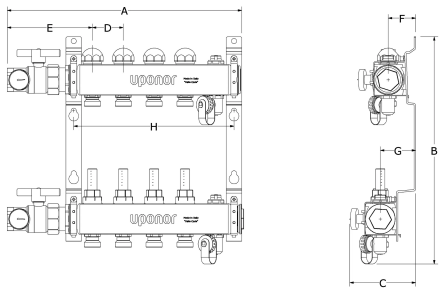
Stainless-steel manifold assembly, 1" with flow meter

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 EN12165
Manifold size	1 inch
Loop Cv	1.1 Cv
End type 1	ISO 228-G 1-1/4"
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)
Max. fluid flow rate	14 gpm
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

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