

Stainless-steel manifold assembly, 1" with flow meter

Project Information

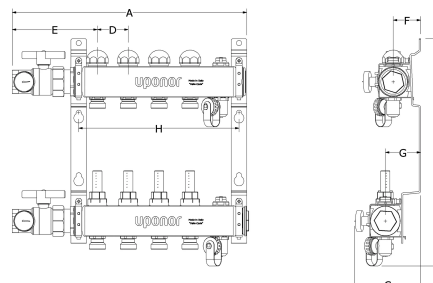
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	Stainless Steel
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 [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	I [inch]	J [inch]
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	A2700202	11.16	12.753	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	A2700302	13.128	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	A2700402	15.097	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	A2700502	17.065	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	A2700602	19.034	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	A2700702	21.002	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	A2700802	22.971	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	A2701002	26.908	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	A2701202	30.845	12.754	8.82	1.969	3.45	1.55	0.5	14.119	1.969	1.735

Part name	Part no.	K [inch]	L [inch]	M [inch]	N [inch]	Weight per UOM [lbs/UOM]
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	A2700202	1.6	1.03	1.5	2.22	9.2
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	A2700302	1.6	1.03	1.5	2.22	10.4
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	A2700402	1.6	1.03	1.5	2.22	11.16
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	A2700502	1.6	1.03	1.5	2.22	12.2
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	A2700602	1.6	1.03	1.5	2.22	13.25
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	A2700702	1.6	1.03	1.5	2.22	12.22
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	A2700802	1.6	1.03	1.5	2.22	13.12
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	A2701002	1.6	1.03	1.5	2.22	14.92
Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	A2701202	1.6	1.03	1.5	2.22	16.72

Installation	Related applications
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.	Radiant Heating and Cooling Systems Permafrost Protection Systems Turf Conditioning Systems Hydronic Heating and Cooling Systems

Codes	Standards	Listings
-	-	-

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