

# Stainless-steel manifold assembly, 1 1/4" with flow meter

Submittal information

Date submitted:

## Project Information

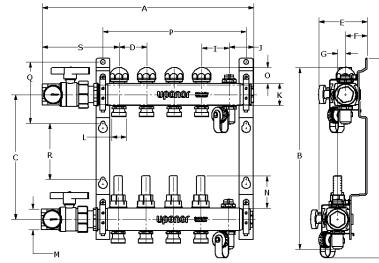
Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

## Technical Data

Material	Stainless Steel
Manifold size	1.25
Loop Cv	1.1 Cv
End type 1	ISO 228-G 1-1/4"
End type 2	ISO 228-G 3/4"
Max. fluid flow rate	21 gpm

## Product information and application use

The 1 1/4" 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 or R32 x 1 1/4" NPT connection. Note: The 1 1/4" manifolds with 2 through 7 loops are strategically designed with 1" NPT ball valves to avoid adding extra costs while maintaining the maximum flow of the manifold assembly.



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 1/4" with flow meter, B&I, ball valve, 2 loops	A2720202	10.933	13.134	8.85	1.969	3.45	1.75	0.5	14.46	1.969	1.572
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 3 loops	A2720302	12.902	13.134	8.85	1.969	3.45	1.75	0.5	14.46	1.969	1.572
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 4 loops	A2720402	14.87	13.134	8.85	1.969	3.45	1.75	0.5	14.46	1.969	1.572
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 5 loops	A2720502	16.839	13.134	8.85	1.969	3.45	1.75	0.5	14.46	1.969	1.572
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 6 loops	A2720602	19.066	13.154	8.85	1.969	3.45	1.75	0.5	14.47	1.969	1.751
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 7 loops	A2720702	20.776	13.134	8.85	1.969	3.45	1.75	0.5	14.46	1.969	1.572
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 8 loops	A2720802	23.095	13.134	8.85	1.969	3.45	1.75	0.5	14.46	1.969	1.572
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 10 loops	A2721002	27.291	3.5	8.85	1.969	3.45	1.75	0.5	14.47	-	1.751
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 12 loops	A2721202	31.228	13.154	8.85	1.969	3.45	1.75	0.5	14.47	1.969	1.751

Part name	Part no.	K [inch]	L [inch]	M [inch]	N [inch]	Weight per UOM [lbs/UOM]	Temp./pressure ratings
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 2 loops	A2720202	1.95	1.03	1.5	2.22	9.22	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)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 3 loops	A2720302	1.95	1.03	1.5	2.22	10.12	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)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 4 loops	A2720402	1.95	1.03	1.5	2.22	11.02	68°F (20°C) at 145 psi (10 bar) 158°F (70°C) at 87 psi (6 bar)

								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)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 5 loops	A2720502	1.95	1.03	1.5	2.22	11.92		
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 6 loops	A2720602	1.97	1.03	1.5	2.22	12.82		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)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 7 loops	A2720702	1.95	1.03	1.5	2.22	13.72		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)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 8 loops	A2720802	1.95	1.03	2	2.22	15.32		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)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 10 loops	A2721002	1.97	1.03	2	-	17.12		68°F (20°C) at 145.0377 psi (10 bar) 158°F (70°C) at 87.0226 psi (6 bar) 194°F (90°C) at 43.5113 psi (3 bar)
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 12 loops	A2721202	1.97	1.03	2	2.22	18.92		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)

**Installation**

The 1 1/4" 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  
AquaSAFE™ Fire Safety Systems

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