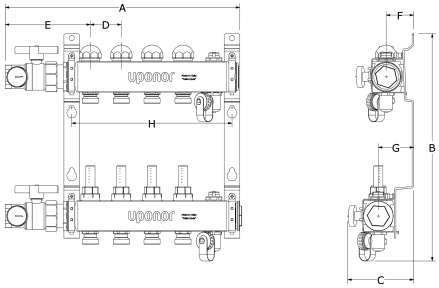
Stainless-steel manifold assembly, 1 1/4" with flow meter

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	1.25 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	21 gpm
Prop 65 label required?	Yes



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]	Weight per UOM [lbs/UOM]
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 2 loops	A2720202	10.933	14.46	3.542	1.969	5.425	1.75	2.25	6.342	9.22
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 3 loops	A2720302	12.902	14.46	3.542	1.969	5.425	1.75	2.25	8.249	10.12
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 4 loops	A2720402	14.87	14.46	3.542	1.969	5.425	1.75	2.25	10.211	11.02
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 5 loops	A2720502	16.839	14.46	3.541	1.969	5.425	1.75	2.25	12.131	11.92
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 6 loops	A2720602	19.066	14.47	3.456	1.969	5.504	1.75	2.25	14.175	12.82
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 7 loops	A2720702	20.776	14.46	3.542	1.969	5.425	1.75	2.25	16.156	13.72
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 8 loops	A2720802	23.095	14.46	3.439	1.969	5.776	1.75	2.25	18.262	15.32
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 10 loops	A2721002	27.291	14.47	3.415	1.969	5.855	1.75	2.25	22.189	17.12
Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 12 loops	A2721202	31.228	14.47	3.415	1.969	5.855	1.75	2.25	26.106	18.92

Installation

The 1¼" 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

Footnotes

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