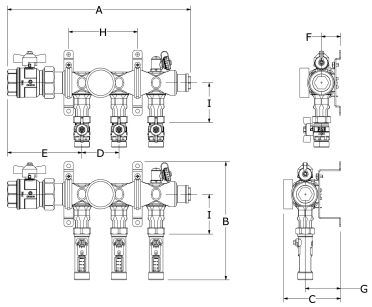
Commercial stainless-steel manifold assembly, 1 1/2" with flow meter & ball valve

Project information

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

Technical data

Material	Stainless Steel
Manifold size	2 inch
End type 1	FNPT 1-1/2"
End type 2	ISO 228-G 1"
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	48 gpm
Prop 65 label required?	Yes



Product information and application use

The Uponor Commercial Stainless-steel Manifold is used for distribution and loop isolation in hydronic hot-water heating, chilled water, and radiant heating and cooling applications. The manifold features 1-1/2" distribution ball valves with 1" isolation ball valves on the supply manifold for easy loop isolation along with flow meters on the return manifold to balance the loops from 0-4 gpm. The R25 connections for outlet fittings are sold separately and are available in 5/8" and 3/4" compression or 5/8", 3/4", and 1" ProPEX.

Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	I [inch]	Cv
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 3 loops	A2740302	15.555	10.024	4.841	3.15	6.319	1.634	3.012	5.851	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 4 loops	A2740402	18.705	10.024	4.841	3.15	6.319	1.634	3.012	6.299	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 5 loops	A2740502	21.854	10.024	4.841	3.15	6.319	1.634	3.012	9.449	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 6 loops	A2740602	25.004	10.024	4.841	3.15	6.319	1.634	3.012	12.598	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 7 loops	A2740702	28.154	10.024	4.841	3.15	6.319	1.634	3.012	15.748	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 8 loops	A2740802	31.303	10.024	4.841	3.15	6.319	1.634	3.012	18.898	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 10 loops	A2741002	37.602	10.024	4.841	3.15	6.319	1.634	3.012	25.197	3.386	4.85
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 12 loops	A2741202	43.902	10.024	4.841	3.15	6.319	1.634	3.012	31.496	3.386	4.85

Part name	Part no.	Weight per UOM [lbs/UOM]
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 3 loops	A2740302	14.95
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 4 loops	A2740402	17.37
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 5 loops	A2740502	20.02
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 6 loops	A2740602	22.44
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 7 loops	A2740702	25.09
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 8 loops	A2740802	27.73
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 10 loops	A2741002	32.8
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 12 loops	A2741202	37.88

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Installation	Related applications
Refer to the Uponor Commercial Stainless-steel Manifold Instruction Sheet for installation guidelines.	Radiant Heating and Cooling Systems Snow and Ice Melting Systems Permafrost Protection Systems Turf Conditioning Systems

Footnotes	Contact information	
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