

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

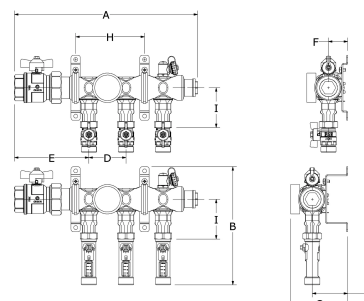


## Project Information

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

## Technical data

Cv	4.85
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, radiant heating and cooling, snow and ice melting, and permafrost prevention (cold storage) 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 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	Weight per UOM [kg/UOM]
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 3 loops	A2740302	395.10	254.60	122.97	80	160.50	41.50	76.50	148.62	86	6.78
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 4 loops	A2740402	475.10	254.60	122.97	80	160.50	41.50	76.50	160	86	7.88
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 5 loops	A2740502	555.10	254.60	122.97	80	160.50	41.50	76.50	240	86	9.08
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 6 loops	A2740602	635.10	254.60	122.97	80	160.50	41.50	76.50	320	86	10.18
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 7 loops	A2740702	715.10	254.60	122.97	80	160.50	41.50	76.50	400	86	11.38
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 8 loops	A2740802	795.10	254.60	122.97	80	160.50	41.50	76.50	480	86	12.58
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 10 loops	A2741002	955.10	254.60	122.97	80	160.50	41.50	76.50	640	86	14.88
Commercial Stainless-steel Manifold Assembly, 1 1/2" with Flow Meter & Ball Valve, 12 loops	A2741202	1115.10	254.60	122.97	80	160.50	41.50	76.50	800	86	17.18

## Installation

Refer to the Uponor Commercial Stainless-steel Manifold Instruction Sheet for installation guidelines.

## Related applications

- Radiant Heating and Cooling Systems
- Snow and Ice Melting Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

## Footnotes

## Contact information

Uponor Inc.  
5925 148th Street West  
Apple Valley, MN 55124  
T 800.321.4739  
F 952.891.2008

Uponor Ltd.  
6510 Kennedy Road  
Mississauga, ON L5T 2X4  
T 888.594.7726  
F 800.638.9517