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"

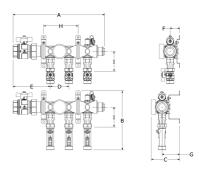
Temp/pressure ratings 68 °F (20 °C) at 145 psi (10 bar)

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 [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	l [inch]	Weight per UOM [lbs/UOM]
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	14.95
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	17.37
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	20.02
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	22.44
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	25.09
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	27.73
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	32.8
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	37.88

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	Cont	Contact information					
	Uponor Inc.	Uponor Ltd.					
	5925 148th Street West	6510 Kennedy Road					
-	Apple Valley, MN 55124	Mississauga, ON L5T 2X4					
	T 800.321.4739	T 888.594.7726					
	F 952 891 2008	F 800 638 9517					