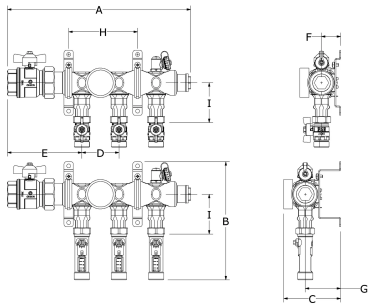
# Commercial stainless-steel manifold assembly, 1 1/2" with flow meter & ball valve

## 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)<br>158 °F (70 °C) at 87 psi (6 bar)<br>194 °F (90 °C) at 44 psi (3 bar) |
| Max. fluid flow rate | 54 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 accommodates flows up to 54 gallons per minute (gpm) based on 5 psi manifold pressure drop. 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] | 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

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

## Notes

Maximum fluid flow rate of 54 gallons per minute (gpm) based on 5 psi manifold pressure drop.

## Footnotes

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## 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

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