

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

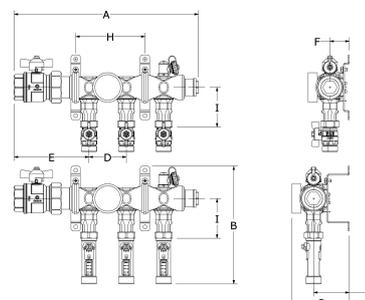


## Project Information

|                                |                 |
|--------------------------------|-----------------|
| 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)<br>158 °F (70 °C) at 87 psi (6 bar)<br>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 [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

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