

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

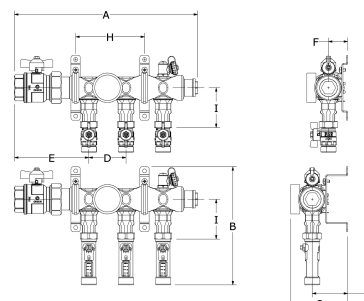


Project Information

| | |
|--------------------------------|-----------------|
| 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

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