## 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"

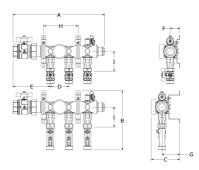
Temp/pressure ratings 68 °F (20 °C) at 145 psi (10 bar)

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<br>no. | A<br>[inch] | B<br>[inch] | C<br>[inch] | D<br>[inch] | E<br>[inch] | F<br>[inch] | G<br>[inch] | H<br>[inch] | l<br>[inch] | Weight<br>per UOM<br>[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     |  |  |  |  |  |
|-----------|------------------------|-------------------------|--|--|--|--|--|
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