

Stainless-steel Manifold Assembly, 1¼" with Flow Meter



Submittal Information

Revision C: Nov. 12, 2015

Project Information

Job Name:

Location: _____ Part No. Ordered: _____

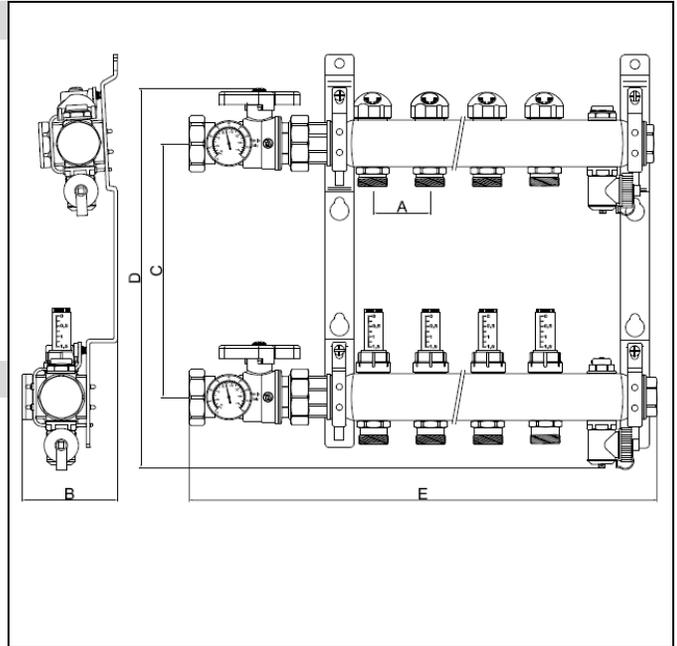
Engineer: _____ Date Submitted: _____

Contractor: _____ Submitted By: _____

Manufacturer's Representative: _____ Approved By: _____

Technical Data

| | |
|---|---|
| Manifold Material: | Stainless steel AISI304 |
| Manifold Components: | Brass CW614N-UNI EN12164, CW617N-UNI EN12165 |
| Manifold Body Size (I.D.): | 1¼" |
| Manifold Assembly Loop Cv (flow with valve wide open): | 1.1 Cv |
| Manifold Body Threaded Connections: | R32 |
| Manifold Loop Threaded Connections: | R20 |
| Maximum Fluid Flow Rate: | 21 GPM |
| | 68°F (20°C) at 145 psi |
| Hydrostatic Temp/Pressure Rating: | 158°F (70°C) at 87.4 psi |
| | 194°F (90°C) at 43.8 psi |



Product Information and Application Use

The 1¼" Stainless-steel Manifold Assembly with flow meter comes fully assembled and ready for installation. Use the included flow meters located on the supply manifold to balance the loops across the manifold. The return manifold comes equipped with isolation valves for easy loop isolation. For multiple zoning on the manifold, the black caps are removed and replaced with Uponor Thermal Actuators. The manifold body ends have R32 union connections and the loop outlets have R20 male threads. The included manifold supply and return ball valves come with an R32 x 1" NPT or R32 x 1¼" NPT connection. **Note:** The 1¼" manifolds with 2 through 7 loops are strategically designed with 1" NPT ball valves to avoid adding extra costs while maintaining the maximum flow of the manifold assembly.

| ✓ | Description | Part No. | A | B | C | D | E | Weight |
|---|---|----------|-------|-------|-------|--------|--------|------------|
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 2 loops | A2720202 | 1.97" | 3.50" | 8.90" | 13.58" | 12.46" | 9.22 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 3 loops | A2720302 | 1.97" | 3.50" | 8.90" | 13.58" | 14.43" | 10.12 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 4 loops | A2720402 | 1.97" | 3.50" | 8.90" | 13.58" | 16.40" | 11.02 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 5 loops | A2720502 | 1.97" | 3.50" | 8.90" | 13.58" | 18.37" | 11.92 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 6 loops | A2720602 | 1.97" | 3.50" | 8.90" | 13.58" | 20.34" | 12.82 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 7 loops | A2720702 | 1.97" | 3.50" | 8.90" | 13.58" | 22.31" | 13.72 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 8 loops | A2720802 | 1.97" | 3.50" | 8.90" | 13.58" | 24.47" | 15.32 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 10 loops | A2721002 | 1.97" | 3.50" | 8.90" | 13.58" | 28.41" | 17.12 lbs. |
| | Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 12 loops | A2721202 | 1.97" | 3.50" | 8.90" | 13.58" | 32.35" | 18.92 lbs. |

Installation

The 1¼" Stainless-steel Manifolds are fully assembled and ready for installation. Manifold assembly comes with mounting brackets, isolation valves, balancing valves, fill/purge ports, air vents, ball valves, temperature gauges and end caps. Manifold adapters and fittings are sold separately. For further information, refer to the Uponor Stainless-steel Manifold Installation Guide.

Accessories and Replacement Parts

- A2771011: Mounting Bracket for Stainless-steel Manifold, 1¼", replacement part, set of 2
- A2771021: Stainless-steel Manifold Flow Meter 2 GPM Valve Body, replacement part
- A2771030: Stainless-steel Manifold Isolation Valve Body, replacement part
- A2771035: Stainless-steel Manifold Isolation Valve Body, O-ring, replacement part
- A2771040: Stainless-steel Manifold Replacement Gasket for R32 Union Connection
- A2771060: Spacer Ring VA10 for White Thermal Actuator

| Standards | Codes | Listings |
|-----------|-------|----------|
| N/A | N/A | N/A |

Related Applications

- Radiant Heating and Cooling Systems
- Snow and Ice Melting Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

Contact Information

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