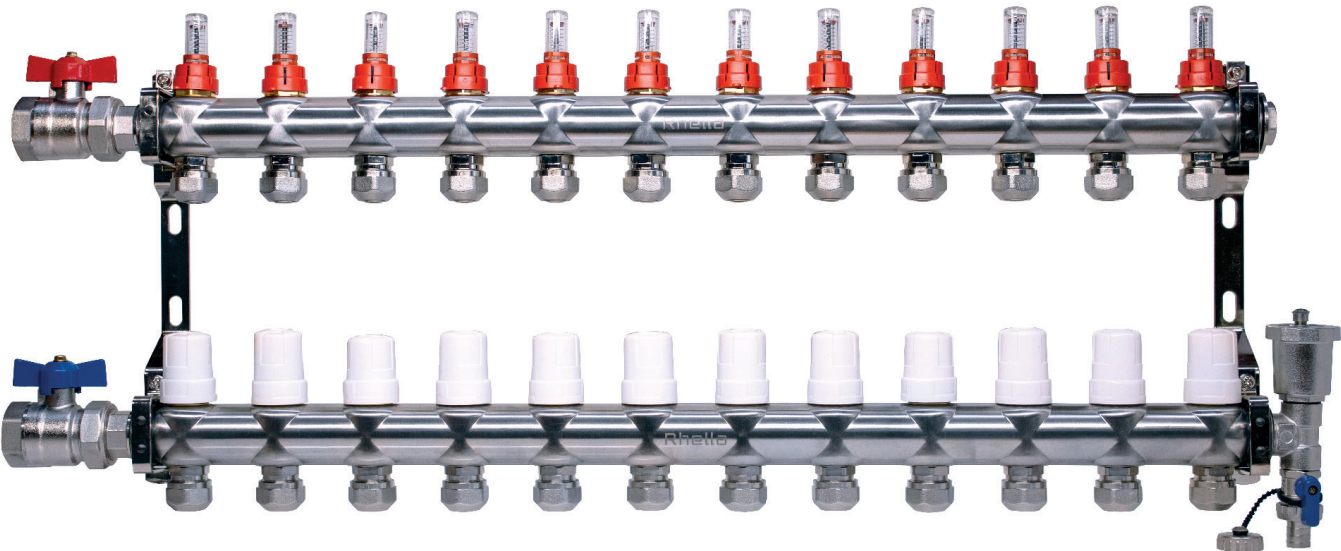


# 1" Stainless Steel Manifolds



## RAM100 Series 1" Stainless Steel Manifolds

SKU - Order number: RAM102 - RAM112

Rhella 1" 304 food grade stainless steel manifolds with Swiss made Taconova flow meters.  
Mounting brackets and 1" threaded ends  
Flow rate: 14 gpm trunk, 1.5 gpm per circuit  
Maximum temperature: 194F at 43.8 psi  
Maximum pressure: 145 psi at 68F

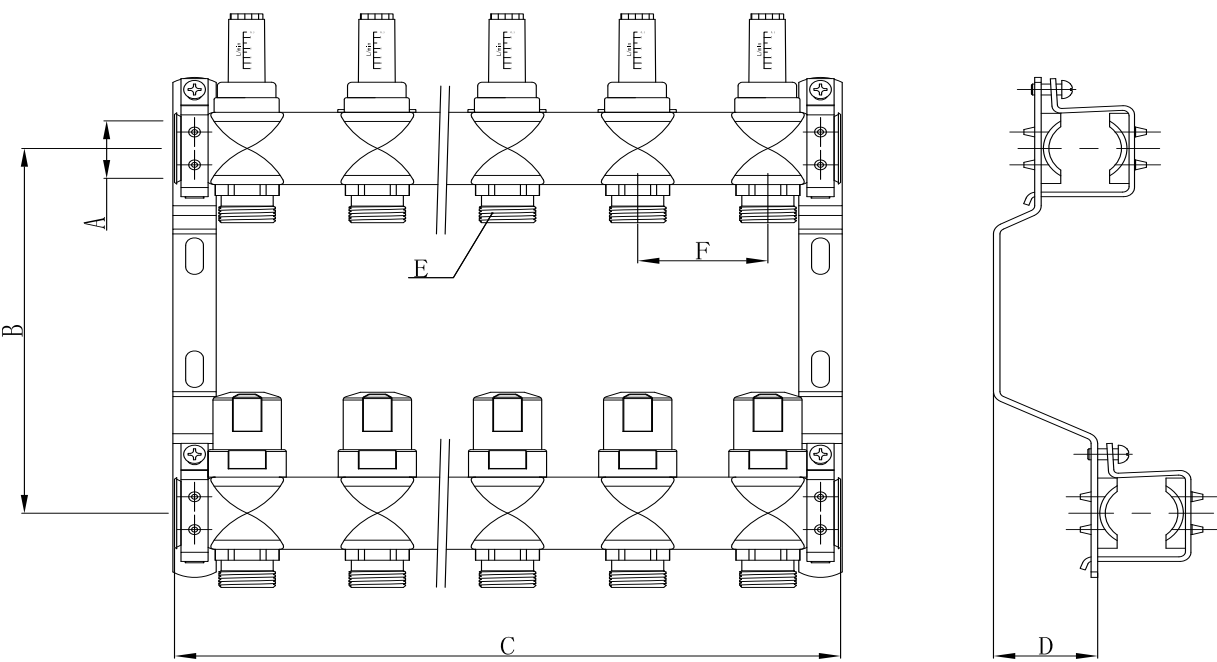
### Included are:

- Manifold with flowmeters and loop valves
- Mounting brackets
- 1 x 1" End Cap
- 1 x Air Vent With Drain
- 2 x 1" Ball Valves (1 Red, 1 Blue)
- Rhella thermal actuator compatible circuit valves

Sold Separately 1/2", 5/8" or 3/4" compression (R-20 Eurokonus) adapters

| Type                    | 1" Manifold             |
|-------------------------|-------------------------|
| Material                | SEA 304 Stainless Steel |
| Warranty                | 5 Years                 |
| Circuit Size            | 2 to 12 Loops           |
| PEX Size                | 1/2", 5/8" or 3/4"      |
| Supply Thread           | DN 25, 1"               |
| Loop Thread             | 20 mm                   |
| Application             | Radiant Heating         |
| Fitting System          | PEX Compression         |
| Tubing                  | PEX                     |
| Test Pressure           | 145 psi                 |
| Flow Capacity CV        | 1.1 (Loop)              |
| Max. Operating Temp.    | 194°F at 44 psi         |
| Max. Operating Pressure | 44 psi at 194°F         |
|                         | 87 psi at 158°F         |
|                         | 145 psi at 68°F         |

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## Available Loop Sizes

| Order Number | Circuit Size | A  | B  | C                                 | D                                | E                                     | F                                |
|--------------|--------------|----|----|-----------------------------------|----------------------------------|---------------------------------------|----------------------------------|
| RAM102       | 2 Loops      | 1" | 8" | 5- <sup>1</sup> / <sub>6</sub> "  | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM103       | 3 Loops      | 1" | 8" | 7- <sup>3</sup> / <sub>8</sub> "  | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM104       | 4 Loops      | 1" | 8" | 9- <sup>3</sup> / <sub>4</sub> "  | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM105       | 5 Loops      | 1" | 8" | 12- <sup>1</sup> / <sub>4</sub> " | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM106       | 6 Loops      | 1" | 8" | 14- <sup>3</sup> / <sub>8</sub> " | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM107       | 7 Loops      | 1" | 8" | 16- <sup>3</sup> / <sub>4</sub> " | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM108       | 8 Loops      | 1" | 8" | 19"                               | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM109       | 9 Loops      | 1" | 8" | 21- <sup>3</sup> / <sub>8</sub> " | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM110       | 10 Loops     | 1" | 8" | 23- <sup>3</sup> / <sub>4</sub> " | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM111       | 11 Loops     | 1" | 8" | 26"                               | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |
| RAM112       | 12 Loops     | 1" | 8" | 28- <sup>3</sup> / <sub>8</sub> " | 1- <sup>3</sup> / <sub>4</sub> " | <sup>3</sup> / <sub>4</sub> " x 18TPI | 2- <sup>3</sup> / <sub>8</sub> " |