

12 Stainless Manifold Shut Off / Balancing

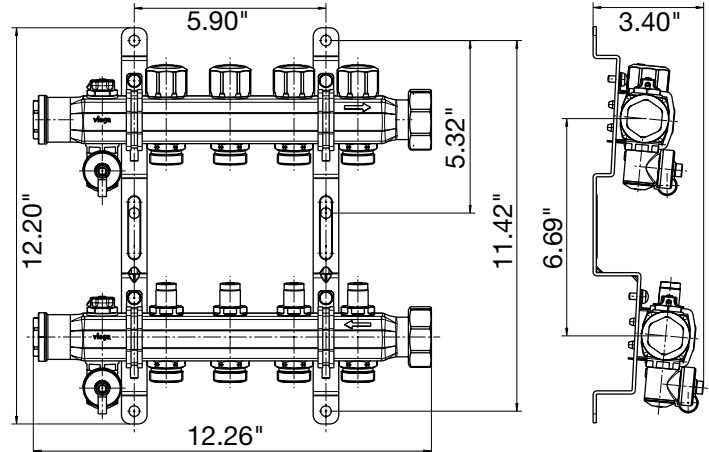
Description

Stainless manifolds are to be used in closed loop hydronic heating, cooling, and snow melting systems. These preassembled 1¼" diameter stainless supply and return manifolds come attached to two 6⅝" spacing brackets for compact remote mounting. This stainless manifold provides shut-off and balancing valves for each circuit. Manifolds allow flow rates up to 2 gpm per circuit, maximum of 18 gpm per manifold. The air bleeder and purge valve are connected and factory tested. The manifold has 1¼" union connections and 1" NPT removable end caps. SVC circuit connection fittings are sold separately.

Specifications

- 1¼" 304 stainless header stock
- Factory installed air bleeder
- Mounting brackets
- Max. Operating Temperature: 180° F (short periods of 200° F)
- Max. Operating Pressure: 100 psi
- Return Valve C_v: 2.98
- Supply Valve C_v: 3.35

The return manifold is fitted with shut-off valves which are suitable to receive optional 24V (part number 15070, 15069) or 0-10V (part number 15068) powerheads for control over each circuit via thermostat.



* When extending the manifold, Viega requires using thread sealant paste on the 1" NPT manifold end connection.

Dimensions

Manifold	Width Just Manifold (in)	Width With Ball Valve Set and Adapter Fitting (in)	Width With Ball Valve Set and Fittings For Flow Through (in)
2 outlets	8.71	12.96	14.96
3 outlets	10.7	14.95	16.95
4 outlets	12.7	16.95	18.95
5 outlets	14.6	18.85	20.85
6 outlets	16.6	20.85	22.85
7 outlets	18.6	22.85	24.85
8 outlets	20.5	24.75	26.75
9 outlets	22.5	26.75	28.75
10 outlets	24.5	28.75	30.75
11 outlets	26.4	30.65	32.65
12 outlets	28.4	32.65	34.65
Height			12.1
Depth			3.6
Depth with ball valve set handles			4.26

13 Stainless Manifold Shut-Off / Balancing / Flow Meters

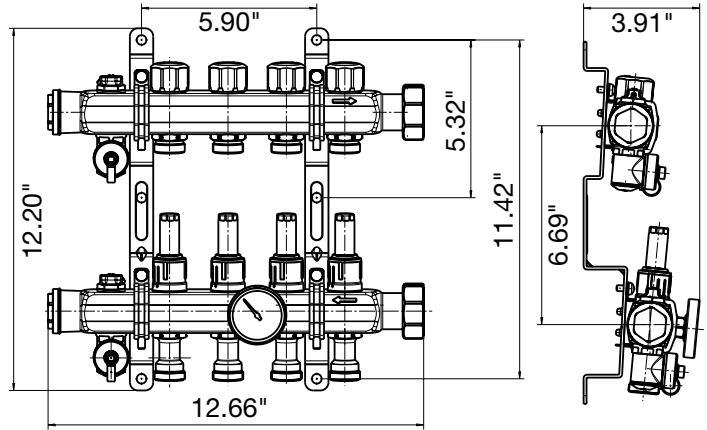
Description

Stainless manifolds are to be used in closed loop hydronic heating, cooling, and snow melting systems. These preassembled 1 1/4" diameter stainless supply and return manifolds come attached to two 6 5/8" spacing brackets for compact remote mounting. This stainless manifold provides shut-off and balancing valves with flow meters for each circuit. Each flow meter/balancing valve allows graduated flow setting up to 2 gpm, maximum 18 gpm per manifold. The air bleeder and purge valves are connected and factory tested. The manifold has 1 1/4" union connections and 1" NPT removable end caps. SVC circuit connection fittings are sold separately.

Specifications

- 1 1/4" 304 stainless header stock
- Factory installed air bleeder
- Mounting brackets
- Max. Operating Temperature: 180° F (short periods of 200° F)
- Max. Operating Pressure: 100 psi
- Return Valve C_v: 2.98
- Supply Valve C_v: 1.30

The return manifold is fitted with shut-off valves which are suitable to receive optional 24V (part number 15070, 15069) or 0-10V (part number 15068) powerheads for control over each circuit via thermostat.



* When extending the manifold, Viega requires using thread sealant paste on the 1" NPT manifold end connection.

Dimensions

Manifold	Width Just Manifold (in)	Width With Ball Valve Set and Adapter Fitting (in)	Width With Ball Valve Set and Fittings For Flow Through (in)
2 outlets	10.7	12.96	16.95
3 outlets	10.7	12.96	16.95
4 outlets	12.7	16.95	18.95
5 outlets	14.6	18.85	20.85
6 outlets	16.6	20.85	22.85
7 outlets	18.6	22.85	24.85
8 outlets	20.5	24.75	26.75
9 outlets	22.5	26.75	28.75
10 outlets	24.5	28.75	30.75
11 outlets	26.4	30.65	32.65
12 outlets	28.4	32.65	34.65
Height		12.1	
Depth		3.6	
Depth with ball valve set handles		4.26	

22 Powerhead for Stainless Manifold 24V 4-Wire



Description

Powerhead part number 15069 is a 4-wire two position actuator which mounts on the return valve of the stainless manifold. A 24 VAC signal actuates the head to open the valve. The position of the valve is normally closed. Upon opening the valve, the integral SPST contacts close.

The powerhead may be used on both 1¼" stainless shut off / balancing and stainless shut off / balancing / flow meter manifolds. Typical applications include circulator control when used with Viega Zone Control 18060 or 18062, boiler heat call (T-T) or control of auxiliary devices requiring end-switch contact closure.

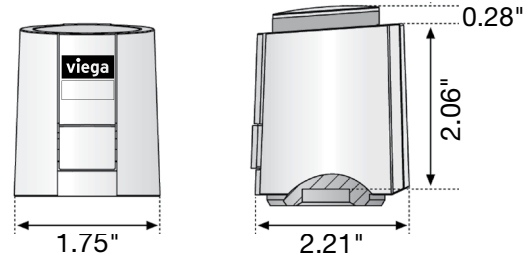
Features

- Integrated micro switch with floating contact
- Light gray in color, Viega logo on front
- Normally closed valve position
- Water resistant
- All around function indicator
- 360° installation position
- Snap-on installation
- Valve adapter concept
- Initially-Open function
- Normally open end switch
- May be installed in any position

Specifications

- | | |
|---------------------------|--------------------------|
| ■ Voltage: | 24VAC |
| ■ Max Inrush Current: | 300 mA for 2 minutes max |
| ■ Operating Power: | 1W |
| ■ Closing / Opening Time: | Approximately 3 minutes |
| ■ Stroke: | 4 mm |
| ■ Actuating Force: | 21 lbs. |
| ■ Weight: | 5.5 oz. |
| ■ Fluid Temperature: | 32°F - 212°F |
| ■ End Switch: | Normally Open |
| ■ Micro Switch: | 24VAC / 0.5A |
| ■ Switching Point: | 2mm |

Dimensions



ON / OFF Indicator

The powerhead has a cylinder on the top that will raise and expose blue when the valve is open. You will be unable to see any blue when the valve is in its normal closed position.

Initially-Open Function

The powerhead is delivered in the open position. This allows for easier installations and also allows for the installer to pressure and flow test each circuit before connecting the power.

This function is disengaged automatically after the first 6 minutes of powered use.

End Switch State

