

# Stainless Steel UFH Manifold

**Centralises associated UFH pipework to a single connection point**

## Overview

Reliance Valves Stainless Steel Underfloor Heating Manifold with ball valves and integral manual / automatic air vent connects and centralises underfloor heating (UFH) pipework in one place and distributes warm water through the pipe circuits to provide even and comfortable heat. When combined with the Reliance Valves wiring centre and UFH controls, it also offers independent zone control.

Made from stainless steel, the manifold is manufactured to the highest standards. Fast and simple to install, it has a pre-fitted wall bracket and vibration isolation mount, and comes complete with ball valves, as well as an integral air vent and drain/fill valve. It also features pre-assembled flow rate indicators for adjusting flow and isolating pipe circuits.

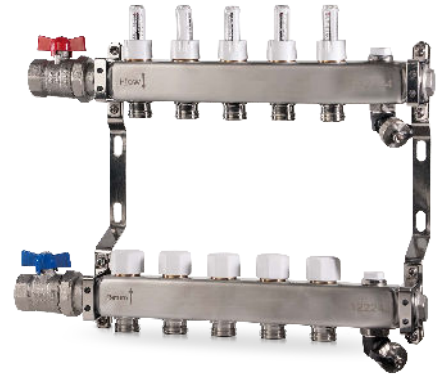
The return bar is equipped with an integral control valve and protection cap which allows the user to adjust the volume of water or can be removed to accept a Manifold Thermoelectric Head.

## Features and benefits

- High performance stainless steel manifold
- Pre-fitted wall bracket and vibration isolation mount
- Supplied with red and blue 1" brass ball valves for isolating components, easy maintenance and repair
- Complete with manual/auto air vent, drain/fill valve and adjustable flow meters
- Manifold connections are suitable for use with euroconus fittings, which are compatible with a range of pipe diameters and wall thickness' (Euroconus fittings sold separately)
- Valves on return manifold accept a Manifold Thermoelectric Head for remote control of each zone
- Suitable for underfloor heating applications only

Product code	Size	Description
MANA453002	1"	Stainless Steel 2 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453003	1"	Stainless Steel 3 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453004	1"	Stainless Steel 4 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453005	1"	Stainless Steel 5 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453006	1"	Stainless Steel 6 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453007	1"	Stainless Steel 7 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453008	1"	Stainless Steel 8 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453009	1"	Stainless Steel 9 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453010	1"	Stainless Steel 10 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453011	1"	Stainless Steel 11 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453012	1"	Stainless Steel 12 Port UFH Manifold with Ball Valves and Manual Air Vent
MANA453102	1"	Stainless Steel 2 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453103	1"	Stainless Steel 3 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453104	1"	Stainless Steel 4 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453105	1"	Stainless Steel 5 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453106	1"	Stainless Steel 6 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453107	1"	Stainless Steel 7 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453108	1"	Stainless Steel 7 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453109	1"	Stainless Steel 9 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453110	1"	Stainless Steel 10 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453111	1"	Stainless Steel 11 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge
MANA453112	1"	Stainless Steel 12 Port UFH Manifold with Ball Valves, Auto Air Vent & Pressure Gauge

MANA453005



MANA453102



# Stainless Steel UFH Manifold

## Specification & Working Parameters

Maximum Working Pressure	10 bar
Maximum Temperature	95°C
Connection Sizes	1" FBSP

## Materials

Manifold Body	304 Stainless Steel
Mounting Bracket	Zinc Plated Steel
Operating Plastic	EPDM

## Spare Parts, Connection Adaptors & Accessories

MFIT200001	15mm x 2.0mm	Reliance Valves Euroconus Fitting
MFIT200002	16mm x 1.5mm	Reliance Valves Euroconus Fitting
MFIT200003	16mm x 2.0mm	Reliance Valves Euroconus Fitting
MFIT200005	17mm x 2.0mm	Reliance Valves Euroconus Fitting
MFIT200006	20mm x 2.0mm	Reliance Valves Euroconus Fitting
MFIT200007	12mm x 2.0mm	Reliance Valves Euroconus Fitting
MFIT200008	12mm x 1.8mm	Reliance Valves Euroconus Fitting
MFIT200050	14mm x 2.0mm	Reliance Valves Euroconus Fitting
MFIT200053	15mm x 1.5mm	Reliance Valves Euroconus Fitting
BVAL450002	N/A	Reliance Valves Manifold Ball Valves - Red and Blue (pair)
BVAL452002	N/A	Reliance Valves Manifold Ball Valves and Temperature Gauges (pair)
FILL453001	1" FBSP	Reliance Valves Manifold Drain and Filling Valve
SKIT452003	1/2" MBSP	Reliance Valves Manifold Bleed Valve Including Key
SKIT453007	1/2" MBSP	Reliance Valves Manifold Flow Meter
SKIT450015	15mm x 2mm	Reliance Valves Manifold Thermoelectric Head 24V
SKIT450019	15mm x 2mm	Reliance Valves Manifold Thermoelectric Head 230V
SKIT450012	1/4" MBSP	Reliance Valves Pressure Gauge & Bush
SKIT450009	N/A	Reliance Valves Manifold Blanking Cap
SKIT452008	N/A	Reliance Valves Manifold Circulating Isolation Valve
AVEN450001	1/2" BSP	Reliance Valves Automatic Air Vent

## Dimensions – All measurements in mm unless otherwise stated

No of Circuits	A	B	C	D	E
2	346	210	50	262	99
3	346	210	50	312	99
4	346	210	50	362	99
5	346	210	50	412	99
6	346	210	50	462	99
7	346	210	50	512	99
8	346	210	50	562	99
9	346	210	50	612	99
10	346	210	50	662	99
11	346	210	50	712	99
12	346	210	50	762	99

All dimensions shown in mm unless otherwise stated

