Auto-Balancing Stainless Steel UFH Manifold

2 to 12 port, dynamic balancing

Code: MHMAB-1F-3/4x2 to MHMAB-1F-3/4x12



In the box

- Manifold with flow and return bars on galvanised brackets
- Flow meters, auto-balancing valves, air vents and fill/drain valves fitted

You will need

- Spirit level and drill
- Wall fixings
- Spanners
- Setting key (for the balancing valves)
- Pipe cutter and reaming tool
- Pressure test pump

Safety

- Installation should be carried out by a competent installer, in line with the system design and BS EN 1264.
- Isolate and drain down, or isolate with the manifold ball valves, before working on a filled system.
- Hot water and pressure can cause injury. Let the system cool and release pressure before opening any joint.

Installation

1. Mount the manifold level on its brackets, central to the loops and accessible for service.
2. Fit 1" ball valves to the main connections.
3. Connect each loop with two Eurocone cores sized to the pipe: flow to the flow bar, return to the same port on the return bar.
4. Use the setting key to preset each return valve to the loop's design flow rate from the system design.
5. Fit thermal actuators to the M30 x 1.5 valves and wire them to the wiring centre.
6. Fill and flush each loop through the fill/drain valves until clear and air-free.

Testing and commissioning

- ✓ Pressure test before screeding, never above the 6 bar maximum.
- ✓ With the system running, check each flow meter matches the preset flow.

Care and maintenance

- Do not exceed 70°C flow temperature.
- Check flow meter readings and system pressure yearly.