MANIFOLDS & COMPONENTS

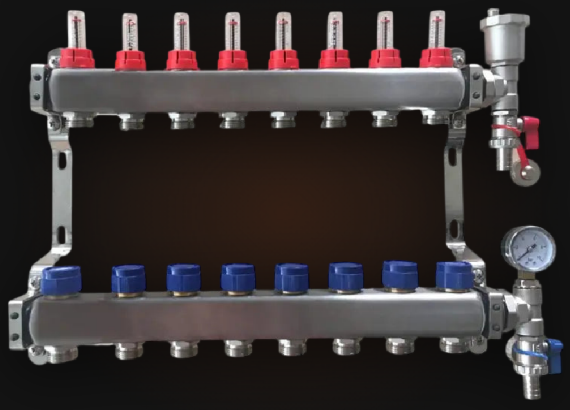
Dualmix Stainless Steel Manifold Assembly
2 to 12 port wet UFH manifold.

A stainless steel underfloor heating manifold for wet systems, supplied assembled with a pressure gauge and automatic air vent, ready to mount on the wall. Each 3/4" Eurocone outlet takes one end of a heating loop.

CODES

MHMSS-1F-3/4x2 to MHMSS-1F-3/4x12

PRODUCT



01 · IN THE BOX

What you get

- Assembled manifold with flow and return bars
- Pressure gauge and automatic air vent, fitted
- Wall brackets

02 · YOU WILL NEED

Tools and materials

- Spirit level and drill
- Wall fixings to suit the wall
- Spanners for 1" and 3/4" connections
- Pipe cutter and reaming tool
- Pressure test pump

03 · SAFETY

Before you start

- 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.

04 · INSTALLATION

Fit it in 8 steps.

1. Choose the position: central to the loops, accessible for service, with room below for the pipes to bend up without kinking. A cupboard or utility wall is ideal.
2. Mark the bracket holes with the manifold held level, drill, fix the brackets and mount the manifold.
3. Fit the Manifold Ball Valve Set 1" to the flow and return bar inlets, or connect the pump and blending pack.
4. **Lay each loop as designed.** Bring the pipe up to the manifold using pipe support bends so it enters straight and square.
5. **Cut each pipe end square and ream it.** Fit a Eurocone connector core matched to the pipe size (2 per loop).
6. Connect each loop: flow end to the flow bar, return end to the same port on the return bar. Label each loop with its room and cap spare outlets with 3/4" Female Blanking Caps.
7. Fill and flush each loop one at a time until clear and air-free, venting at the manifold.
8. **Commission once the screed has cured (21 days, or 7 for anhydrite).** Start at 25 to 30°C, raise slowly to the design setting, then check each thermostat opens the right actuator.

05 · TESTING AND COMMISSIONING

Test, check, then hand over

- ☑ Pressure test all loops at 4 to 6 bar before any screed or floor covering goes down, following BS EN 1264-4 and your system design.
- ☑ Keep the system under pressure while the screed or floor is laid, and check the gauge for drops.
- ☑ Record the test pressure, duration and result for the handover.

06 · CARE AND MAINTENANCE

Keep it working

- Check the system pressure on the gauge yearly.
- If the air vent drips or sticks, isolate the manifold and replace the vent end unit.
- Add a suitable inhibitor to protect the heat source and primary pipework.

07 · LENGTH BY PORT COUNT

PORTS	CODE	LENGTH
2	MHMSS-1F-3/4x2	180mm
3	MHMSS-1F-3/4x3	230mm
4	MHMSS-1F-3/4x4	280mm
5	MHMSS-1F-3/4x5	330mm
6	MHMSS-1F-3/4x6	380mm
7	MHMSS-1F-3/4x7	430mm
8	MHMSS-1F-3/4x8	480mm
9	MHMSS-1F-3/4x9	530mm
10	MHMSS-1F-3/4x10	580mm
11	MHMSS-1F-3/4x11	630mm
12	MHMSS-1F-3/4x12	680mm

Each extra port adds 50mm.

08 · GOOD TO KNOW

Choosing the port count

You need one port for each loop. Keep each 16mm loop to about 100m so it balances well. If you're not sure, send us your plans and we'll design the loops and confirm the manifold size.

SCAN ME

Watch how it works and fits

Point your phone camera at the code to watch the video.

QUESTIONS ON SITE?

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DELIVERY
Order by 12pm for next working day delivery