MANIFOLDS & COMPONENTS

Auto-Balancing Stainless Steel UFH Manifold
2 to 12 port, dynamic balancing.

A stainless steel UFH manifold with dynamic auto-balancing valves on the return bar. Preset each circuit to its design flow with the setting key, and the valve holds that flow as other zones open and close. Ideal for heat pump systems.

CODES

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



01 · KEY FEATURES

Why installers use it

- **No manual balancing.** Pressure-independent valves keep each loop at its set flow.
- **Flow meters on every circuit.** With shut-off, reading 0 to 4 L/min, so you can check each loop.
- **Fill, drain and vent built in.** Automatic air vents and fill/drain valves on both bars.
- **Fits our actuators.** M30 x 1.5 connection takes our 2-wire 230V and 24V thermal actuators.

IN THE BOX

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

11	6 bar	70 °C
PORT SIZES AVAILABLE	MAX PRESSURE	MAX TEMPERATURE

02 · SPECIFICATION

Technical data

Bars	304 stainless steel on galvanised brackets
Main connections	1" BSP female
Circuit outlets	3/4" Eurocone at 50mm centres
Actuator thread	M30 x 1.5
Flow meters	0 to 4 L/min with shut-off
Max pressure	6 bar
Max temperature	70°C
Ports	2 to 12

03 · DESIGN HELP

Send us your plans

For design help, send your plans to **sales@maxheatufh.com** or plan loops with **MaxHeatUFH ProLoop** at maxheatufh.com.

04 · SIZES AND CODES

Pick the size, one code each.

11 options by ports. Order by code.

PORTS	CODE
2 Port	MHMAB-1F-3/4x2
3 Port	MHMAB-1F-3/4x3
4 Port	MHMAB-1F-3/4x4
5 Port	MHMAB-1F-3/4x5
6 Port	MHMAB-1F-3/4x6
7 Port	MHMAB-1F-3/4x7
8 Port	MHMAB-1F-3/4x8
9 Port	MHMAB-1F-3/4x9
10 Port	MHMAB-1F-3/4x10
11 Port	MHMAB-1F-3/4x11
12 Port	MHMAB-1F-3/4x12

05 · WORKS WITH

Complete the system



Blending valve pump pack with Grundfos UPM3 Auto



Eurocone Connector Cores 3/4" (2 per circuit)

ALSO WORKS WITH

- Heatmiser UH8 wiring centre
- 1" ball valves (sold separately)
- Thermal actuators (sold separately)

06 · FITTING AT A GLANCE

Full steps in the install manual

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.

07 · QUESTIONS

Asked by installers

How do I set the flow rates?

Use the setting key on each return valve to preset the design flow for that loop. The flow meters let you check it.

Are ball valves and actuators included?

No. The 1" ball valves and actuators are sold separately.

SCAN ME

Watch how it works and fits

Point your phone camera at the code to watch the video for this product.

DESIGN HELP, TRADE ACCOUNTS AND ORDERS

sales@maxheatufh.com **07539 499069**

WEB
maxheatufh.com

DELIVERY
Order by 12pm for next working day delivery