PUMPS & CONTROLS

# UFH Manifold Blending Valve 20 to 55°C

## 20 to 55°C valve unit, fit your own pump.

The valve-only version of our manifold blending valve unit: the same 20 to 55°C wax-capsule mixing valve as our pump packs, without a pump. Fit your own 130mm circulator with 1½" unions.

CODE
**MH-BV55-VO**



01 · KEY FEATURES

### Why installers use it

- **Your choice of pump.** Takes any 130mm circulator with 1½in unions.
- **Same 20 to 55°C valve.** Identical mixing valve to our pump packs.
- **No valve wiring.** The thermostatic wax-capsule valve needs no power.
- **Bolts to the manifold.** Fits the flow and return bars.

IN THE BOX

- Pre-assembled valve unit (no pump)
- Mixed flow temperature gauge, fitted
- Loose flow / return elbow

02 · SPECIFICATION

### Technical data

| | |
|---|---|
| Mixed flow temperature | 20 to 55°C, adjustable |
| Valve | Thermostatic wax capsule, no wiring |
| Valve rating | Kvs 3.4, up to about 18kW / 220m² of floor |
| Pressure | 10 bar max static, 3 bar max differential |
| Max temperature | 95°C |
| Manifold connections | 2 x 1" BSP male swivel joints, O-ring sealed |
| Primary connections | 2 x 3/4" BSP female, side or bottom entry |
| Body | Nickel-plated brass |
| Overall size | About 290 x 150 x 140mm, without the loose elbow |
| Pump | Not included (fit 130mm, 1½" unions) |
| Mounting | Manifold flow and return bars |
| Max system pressure | 10 bar |

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 · ORDER CODE

# MH-BV55-VO.

One code for this product. Check the specification on page 1 before you order.

05 · BLENDING VALVE DIAL

| SETTING | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| Mixed flow | 20°C | 27°C | 34°C | 41°C | 48°C | 55°C |

Set the dial to suit the floor build and the system design.

06 · WORKS WITH

## Complete the system



Grundfos UPM3 Flex 25-70 Circulation Pump



Bastion A-Rated UFH Circulating Pump



Wilo A-Rated UFH Circulating Pump 6m



3/4" Ball Valve Set for Blending Valve

07 · FITTING AT A GLANCE

## Full steps in the install manual

1. Fit your pump between the valve unit and elbow with new gaskets, arrow pointing the way the water flows, and the motor shaft horizontal.
2. The pack is set up for the right-hand side of the manifold. For the left side, move the valve swivel nut across and turn the elbows 180° on the pump nuts, then retighten.
3. Fit the loose elbow on the flow or return so the primary pipes can come in from the side or from below.
4. Screw the 1" swivel joints evenly into the manifold's 1" female tappings with a 37mm spanner, holding the pack with a 31mm spanner. The O-rings seal, so do not overtighten.

08 · QUESTIONS

## Asked by installers

**Which pumps fit?**

Any 130mm circulator with 1½in unions, such as the Grundfos UPM3 Flex, Bastion or Wilo pumps we sell.

**Will it fit my manifold?**

It bolts straight onto the flow and return bars of a standard UFH manifold.

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