UFH Manifold Blending Valve Pump Pack 20–55°C with Grundfos UPM3 Flex

PWM-ready Grundfos pump, 20 to 55°C

Code: MH-BV55-UPM3F



A pre-assembled blending valve pump pack with a Grundfos UPM3 Flex 25-70 130, so the heat pump or boiler can set the pump speed by PWM. The wax-capsule valve holds a steady 20 to 55°C to the floor and the unit bolts onto a standard manifold.

Key features

- ✓ 20 to 55°C mixed flow, low enough for heat pumps and for screed drying to BS EN 1264
- ✓ Wax-capsule valve, so only the pump needs power
- ✓ Built-in non-return valve in the flow elbow for easy filling
- ✓ Fits either side of the manifold, with side or bottom primary entry
- ✓ Grundfos UPM3 Flex: PWM speed control, up to 7m head

Works with

- Auto-Balancing Stainless Steel UFH Manifold
- 3/4" Ball Valve Set for Blending Valve
- Heat pump connection
- Grundfos Replacement Pump Power Cable (UPM3)

Specification

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	Grundfos UPM3 Flex 25-70 130, 7m, 2 to 52W

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.

Specifications may change. For design help, send your plans to sales@maxheatufh.com or try MaxHeatUFH ProLoop at maxheatufh.com.