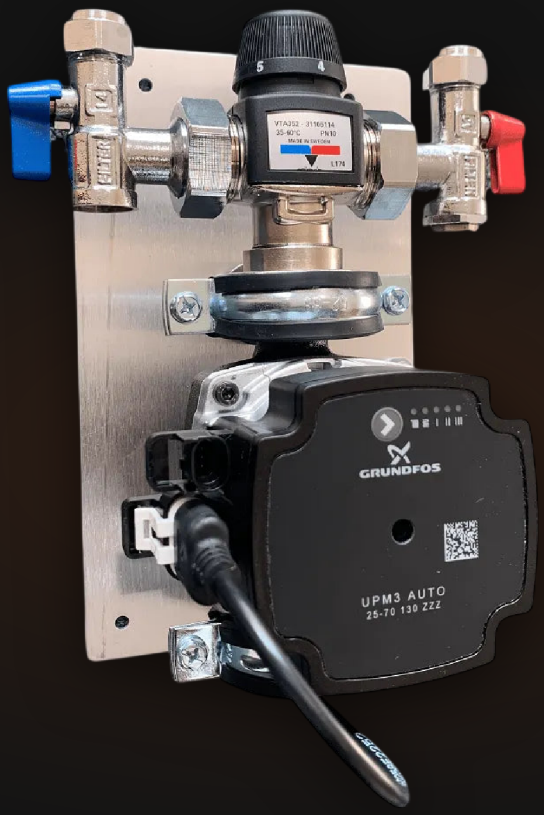
PUMPS & CONTROLS

ESBE Single Room UFH Mixing Pump Pack with Grundfos UPM3 Flex ESBE bypass valve, PWM-ready pump.

A single room mixing pump pack with an ESBE thermostatic valve and a Grundfos UPM3 Flex 25-70 130. It adds wet UFH to one room straight off a radiator or boiler circuit, and the boiler or heat pump can set the pump speed by PWM.

CODE

MH-SRE-UPM3F



01 · KEY FEATURES

Why installers use it

- **Grundfos UPM3 Flex.** Up to 7m head and PWM speed control from the boiler or heat pump. Constant curve (fixed speed) settings when there's no PWM signal.
- **ESBE valve with bypass.** Built-in bypass, 35 to 60°C mixed flow.
- **No manifold needed.** One circuit, one room.
- **Pre-assembled and tested.** With primary isolation valves and a pre-wired pump terminal box.

IN THE BOX

Pre-assembled pack on its back plate

02 · SPECIFICATION

Technical data

Mixing valve	ESBE thermostatic, built-in bypass
Mixed flow temperature	35 to 60°C
Circuits	1 (single room)
Mounting	Own wall back plate
Primary connections	15mm compression, with isolating ball valves
Pressure	10 bar max static, 3 bar max differential
Max temperature	95°C
Electrical	230V, from a 3A fused spur, via the terminal box
Pump	Grundfos UPM3 Flex 25-70 130, 7m, 2 to 52W
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-SRE-UPM3F.

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

05 · ESBE VALVE DIAL

SETTING	1	2	3	4	5	6
Mixed flow	35°C	40°C	45°C	50°C	55°C	60°C

06 · WORKS WITH

Complete the system



PERT-AL-PERT Multilayer UFH Pipe



Pressure / Temperature Gauge for UFH Mixing Unit



Grundfos Replacement Pump Power Cable (UPM3)

ALSO WORKS WITH

Heatmiser DS1 Thermostat

07 · FITTING AT A GLANCE

Full steps in the install manual

1. Unpack and check every part is there and undamaged.
2. The pack comes with the return on the left. To reverse it, loosen the flange nut between the valve outlet and the pump, turn the upper section 180° without straining any wiring, and retighten.
3. Check there is room around the pack for the pipework and for servicing, then fix the back plate level to the wall.
4. Connect the primary flow and return from the radiator or boiler circuit to the 15mm compression isolating valves.

08 · QUESTIONS

Asked by installers

Do I need a manifold?

No. The pack runs a single UFH circuit straight from an existing radiator or boiler circuit.

What's different about the ESBE version?

It uses an ESBE thermostatic valve with a built-in bypass and comes on its own wall back plate. Our standard single room packs use a thermostatic valve without the ESBE bypass.

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

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DELIVERY
Order by 12pm for next working day delivery