PUMPS & CONTROLS

ESBE Single Room UFH Mixing Pump Pack

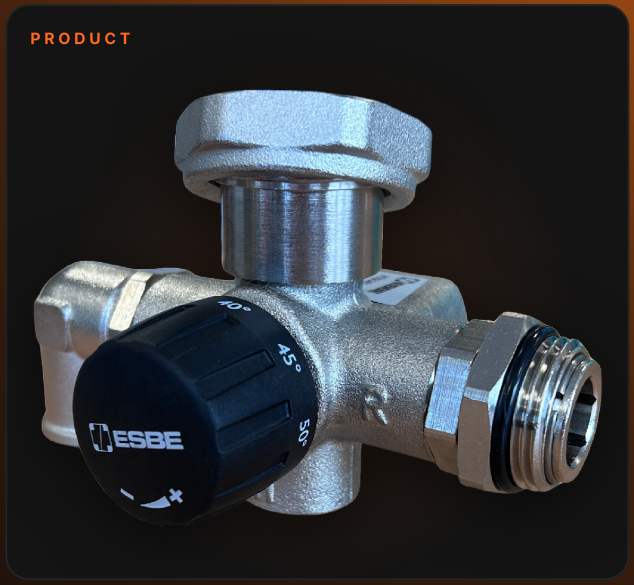
ESBE bypass valve, fit your own pump.

The valve-only version of our ESBE single room pack: the ESBE thermostatic valve with built-in bypass, wall back plate, primary isolation valves and pre-wired pump terminal box, without a pump. Fit your own 130mm circulator with 1½" unions.

CODE

MH-SRE-VO

PRODUCT



01 · IN THE BOX

What you get

- Pre-assembled valve pack on its back plate (no pump)

02 · YOU WILL NEED

Tools and materials

- Drill, wall plugs and screws
- Spirit level
- Spanners
- Pipe cutter for 15mm copper
- Digital thermometer
- New pump gaskets

03 · SAFETY

Before you start

- Isolate the electrical supply before working on a pump, actuator or valve head. A qualified electrician makes the final connection, to BS 7671.
- Close the isolating valves or drain down, and release the pressure, before opening any joint.
- Pumps, valves and pipework can be hot. Let the system cool before you handle them.

04 · INSTALLATION

Fit it in 8 steps.

1. Fit your pump with new gaskets, arrow pointing the way the water flows, motor shaft horizontal, and connect it to the pre-wired terminal box.
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.
5. Connect the UFH loop flow and return to the pack.
6. A qualified electrician wires the pack to a 3A fused spur and the room thermostat through the terminal box, to BS 7671.
7. **Fill the UFH loop fully.** The valve bypass keeps the return partly open, so make sure water is not just bypassing the loop. Vent the pump.
8. Set the ESBE dial to the flow temperature you need, and choose the pump setting.

05 · TESTING AND COMMISSIONING

Test, check, then hand over

- [x] Pressure test the loop before screeding, to BS EN 1264-4.
- [x] Check every joint before filling, as joints can loosen in transit.
- [x] Check the mixed flow with a digital thermometer against the dial setting.

06 · CARE AND MAINTENANCE

Keep it working

- Do not turn thread-sealed joints after fitting; it breaks the seal.

07 · ESBE VALVE DIAL

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

08 · QUESTIONS

Asked by installers

Which pump should I fit?

Any 130mm circulator with 1½in unions. The Bastion 6m suits most single rooms, the 7.5m suits longer loops.

Is it the same valve as the ESBE pump packs?

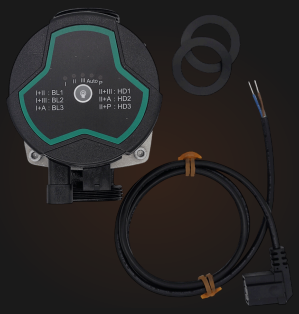
Yes. It's the same ESBE pack, just supplied without the pump.

09 · WORKS WITH

Parts that fit with it



Grundfos UPM3 Flex 25-70 Circulation Pump



Bastion A-Rated UFH Circulating Pump



Wilo A-Rated UFH Circulating Pump 6m

ALSO WORKS WITH

UFH pipe

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