PUMPS & CONTROLS

Single Room UFH Mixing Pump Pack with Wilo A-Rated 6m Pump

One room off a radiator circuit, 35 to 60°C.

A pre-assembled single room mixing pump pack with a Wilo A-rated 6m-head pump and its power cable. It adds wet UFH to one room, such as an extension, kitchen or conservatory, straight off a radiator or boiler circuit, giving about 1.5 to 2kW from one loop.

CODE

MH-SR-WILO6

PRODUCT



01 · IN THE BOX

What you get

- Pre-assembled pack on its bracket
- Pump power cable
- Allen key for the valve cap

02 · YOU WILL NEED

Tools and materials

- Drill, masonry bit and wall plugs
- Spirit level
- Spanners
- Allen key (supplied, for the valve cap)
- Digital thermometer

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. **Choose a wall with room for the pipework and for servicing.** Mount it level with the terminal box at the top, or upright. Never on the floor or with the pump shaft vertical.
2. Mark the fixing holes through the bracket, drill and plug the wall, and screw the pack in place.
3. **Connect the UFH loop to the pack.** If the floor is going to be screeded first, fill and pressurise the loop through the isolation valves and lock them off.
4. Connect the primary flow and return from the radiator or boiler circuit to the isolation valves. Make sure air can be vented to protect the pump.
5. A qualified electrician wires the pack from a 3A fused spur next to it, to BS 7671. If you fit a room thermostat, remove the link in the terminal box.
6. Fill, vent the pump and run the system.
7. Once screed drying is finished, set the valve: about 40 to 45°C for screeded floors, 55 to 60°C for timber floors.
8. To adjust, take the cap screw out with the Allen key and turn the spindle (clockwise cooler). Check the outlet with a digital thermometer, then refit and lock the cap.

05 · TESTING AND COMMISSIONING

Test, check, then hand over

- [x] Pressure test the loop before screeding, to BS EN 1264-4.
- [x] Floor surface: no more than 29°C (35°C in bathrooms), or 27°C under timber and laminate.

06 · CARE AND MAINTENANCE

Keep it working

- Check the valve performance once a year against the commissioning reading.
- If the valve becomes sluggish, isolate it, strip and clean it, lightly grease the O-rings with WRAS-approved silicone grease, then reset and test.

07 · QUESTIONS

Asked by installers

Standard or ESBE pack?

Both run one room at 35 to 60°C. The ESBE pack adds an ESBE valve with built-in bypass and its own wall back plate.

Is the pump wired?

The pump terminal box is pre-wired and the Wilo power cable is included.

08 · WORKS WITH

Parts that fit with it



PERT-AL-PERT Multilayer UFH Pipe



Wilo Replacement Pump Power Cable



ESBE version with Wilo 6m pump

ALSO WORKS WITH

Heatmiser DS1 Thermostat

09 · JOB RECORD

Fill in on site, keep for the handover

Site / room

Installed by

Date

Test result

Notes

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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WEB
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DELIVERY
Order by 12pm for next working day delivery