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

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

Code: MH-SR-WILO6



In the box

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

You will need

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

Safety

- 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.

Installation

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.

Testing and commissioning

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

Care and maintenance

- 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.