

XUHNeBr - Setting up control system, User supplied heat pump, neoAir battery wireless thermostats

FOR HEAT PUMPS with WEATHER-COMPENSATION



SETTING UP neoAir THERMOSTATS

The thermostat is supplied with factory default settings.

For weather compensating heat pump systems, it is recommended that each neoAir thermostat is set to work in “non-programmed” mode as follows.

- Use the <> arrows to scroll to ⌚. Press and hold ✓ for 3 seconds.
- Use the <> arrows to scroll to SETUP. Press ✓ to confirm selection.
- Use the ^ v arrows to scroll through features to reach Feature 12 (Program mode).
- Use the <> arrows to set the required Program mode to “00”
 - 00 Non-programmed (recommended)
 - 01 Weekday/Weekend
 - 02 7 day
 - 03 24 hour
- Press ✓ to confirm the selection and return to the main display.

OR

FOR HEAT PUMPS requiring a CALL-FOR-HEAT

SETTING UP neoAir THERMOSTATS

The thermostat is supplied with factory default settings.

To set the clock:

- Use the <> arrows to scroll to ⌚. Press and hold ✓ for 3 seconds.
- Use the <> arrows to scroll to CLOCK. Press ✓ to confirm selection.
- Use the ^ v arrows to set the year.
- Press ✓ to confirm selection.
- Repeat steps to set month, date, and time (24 hour format).
- Press ✓ to confirm selection.
- Use the v arrow to select ⌚.
- Press ✓ to confirm selection and return to the main display.

PAIRING THERMOSTATS WITH THE UH8RFv2 WIRING CENTRE

At the thermostat:

- Use the <> arrows to scroll to ⌚. Press and hold ✓ for 3 seconds.
- Use the <> arrows to scroll to SETUP. Press ✓ to confirm selection.
- The display will show 01 in the top right hand corner.
- Press the v arrow key once. The display will now show P1.
- Press ✓ again to start a 99 second countdown.

At the UH8RFv2:

- Press and hold the pairing button on the desired channel until the LED flashes
- Once the UH8RFv2 detects the pairing signal from the thermostat, the LED will turn off

At the thermostat:

- Press ✓ to confirm pairing and return to the main display

Note: To un-pair a channel, press and hold the pairing button on the UH8RFv2 for 15 seconds.
The LED will rapid flash.

SETTING UP REMOTE SENSORS (if required)



- Use the <> arrows to scroll to ⌚. Press and hold ✓ for 3 seconds.
- Use the <> arrows to scroll to SETUP. Press ✓ to confirm selection.
- Use the ^ v arrows to scroll through features to reach Feature 06 (Sensor selection).
- Use the <> arrows to set the required Sensor Option:
 - 00 Built-in air sensor
 - 01 Remote air sensor
 - 02 Remote floor sensor only
 - 03 Built-in air sensor and remote floor sensor
- Press ✓ to confirm the selection.
- Return to SETUP, use the ^ v arrows to scroll through features to reach Feature 07 (Floor temperature limit).
- Use the <> arrows to set the required floor limit temperature to the value required by the floor covering supplier.
- Press ✓ to confirm the selection.

Error Codes

- E0: The internal sensor has developed a fault.
- E2: The remote sensor has not been connected, is wired incorrectly or has developed a fault.

PAIRING UH8RFv2 WIRING CENTRES TO RF-SWITCH V2 (IF SUPPLIED)

The RF-Switch V2 (option) permits wireless control of the boiler, both for heating and for domestic hot water.

Follow this procedure for every UH8RFv2 wiring centre:

- On the RF-Switch V2, press and hold the CH1 pairing button for 5 seconds.
- The CH1 status LED will start to flash.
- Press and hold the pairing button on the UH8RFv2, ⌚.
- When the RF-Switch V2 detects the pairing signal from the UH8RFv2, the CH1 LED will stop flashing, pairing is complete.

For wireless control of the UFH pump, repeat the above steps for every UH8RFv2 wiring centre, using CH2 on the RF-Switch V2.

Underfloor Heating Control System
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