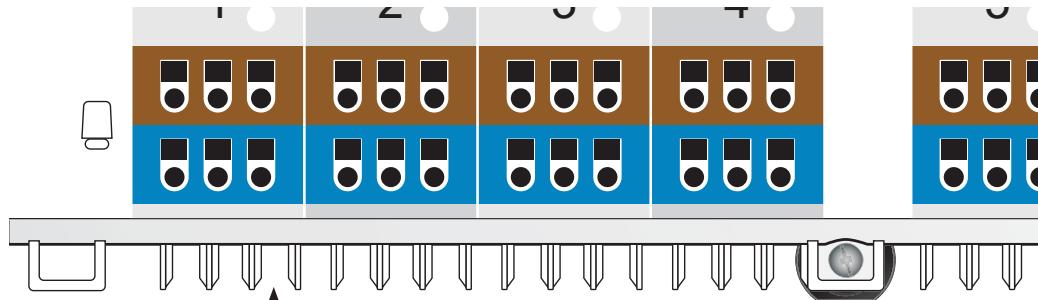


Step 6 Wire up to 3 actuators per zone (see page xx for wiring diagrams).

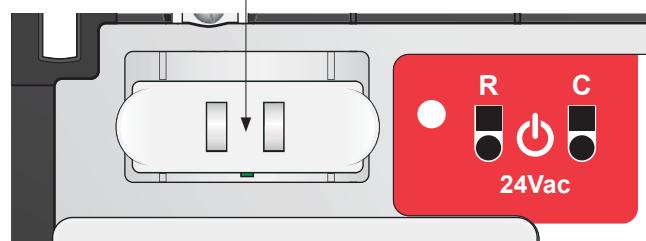
Step 7 Wire your pump, boiler, and humidity sensor, if applicable (see page xx for wiring diagrams).

Step 8 Wire the included 24V plug-in transformer to the wiring module.

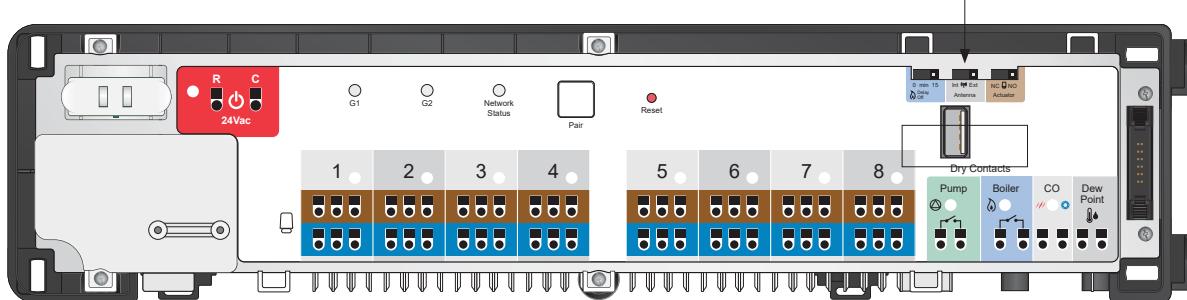


Step 9 Clip all wires into the strain reliefs.

Step 10 Ensure the fuse is in place.



Step 11 Set the jumpers in the desired positions by carefully removing them, and reinserting them as necessary:



Switch	Function	Diagram
Pump/Boiler On/Off Delay	Sets the delay time for switching the pump/boiler off to 3 minutes (default), or 15 minutes.	
Wireless Connection	Sets the wireless connection to internal "INT" (default), or external "EXT" (optional external wireless antenna 43305)	
Actuator Type	Selects the type of actuator being used - Normally Closed "NC" (default), or Normally Open "NO"	

Step 12 Plug-in the wiring center.

Step 13 See page xx.

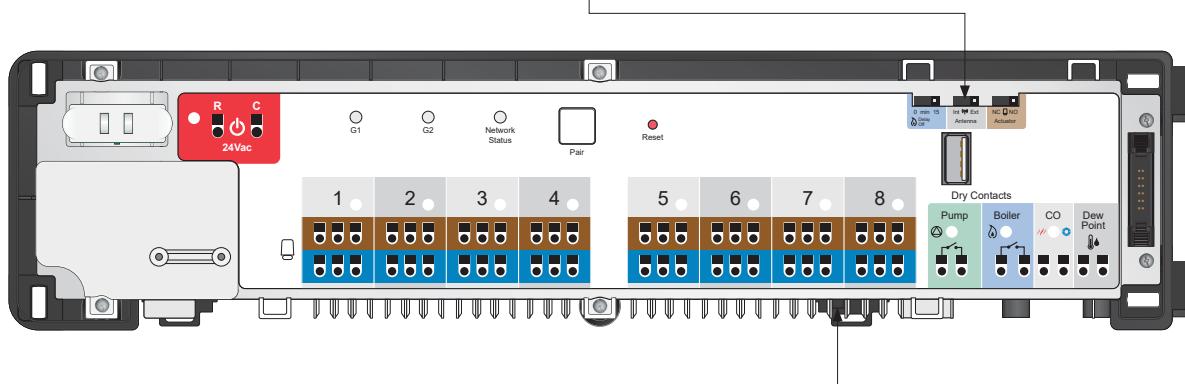
Installation - StatLink® 8 Zone Wireless Module External Antenna

The StatLink® 8 Zone Wireless Module features an internal wired antenna which is suitable for most applications, but has an optional external antenna available to overcome radio interference or extend the range.

Please follow the installation steps below.

Step 1 Ensure the StatLink® 8 Zone Wireless Module is disconnected from the power source.

Step 2 Set the wireless connection jumper to EXT (see page xx).



Step 3 Remove the rubber cap from the external antenna port on the bottom of the StatLink® 8 Zone Wireless Module.

Step 4 Screw the antenna into the port.

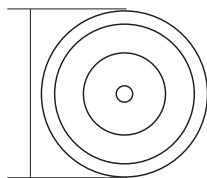
Step 5 Place the antenna in the desired location away from any possible causes of radio interference.

Step 6 Reconnect the power.

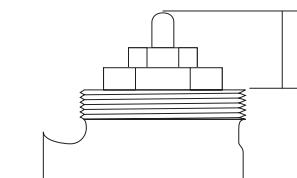
Installation - Wireless Valve Actuator

Up to six wireless valve actuators can be paired with one 46801 Wireless Digital Thermostat for precise radiator control and optimal room comfort.

The wireless valve actuator is designed to be used on most thermostatic actuator valves - use the information below to determine if your valve is compatible before installation.



Thread diameter: 1.18" (30mm)

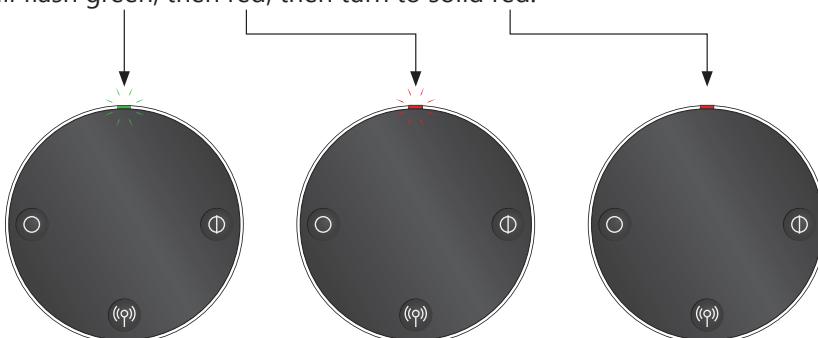


Pin length (open position):
0.51-0.62" (13-16mm)

Step 1 Ensure that all necessary parts are included with the Wireless Valve Actuator.

Step 2 Install the included AA batteries into the actuator, ensuring they are inserted correctly.

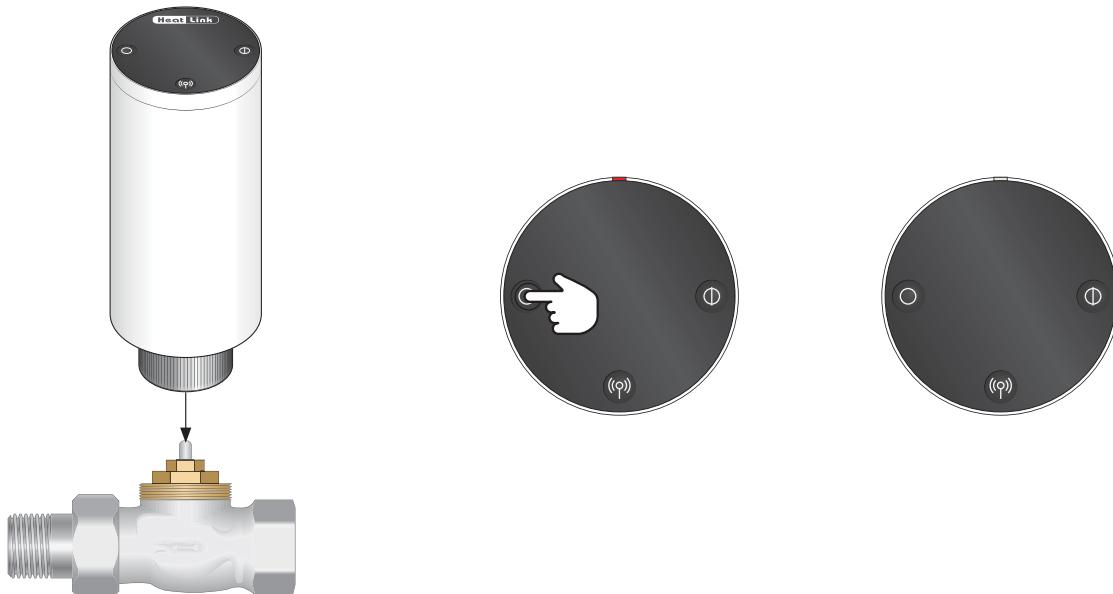
Step 3 The LED will flash green, then red, then turn to solid red.



Step 4 Finger tighten the actuator onto the valve, ensuring that the LED is still solid red.

Step 5 Press the Open/Close button once to adapt it to the valve. Once the actuator has adapted to the valve the LED will turn off, and the valve is ready to pair.

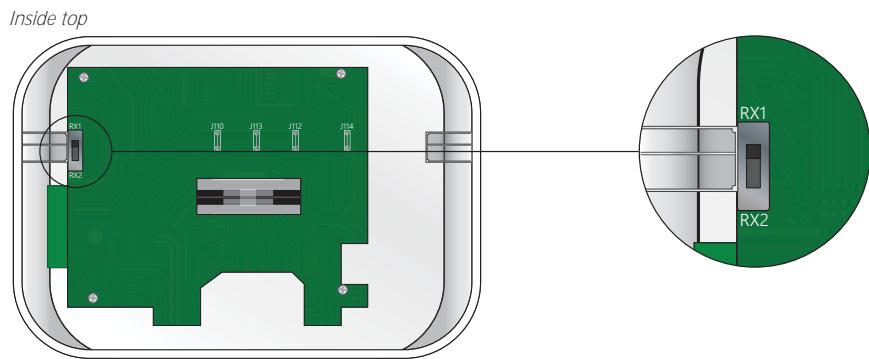
See page 24 for pairing instructions.



Installation - Wireless Relay

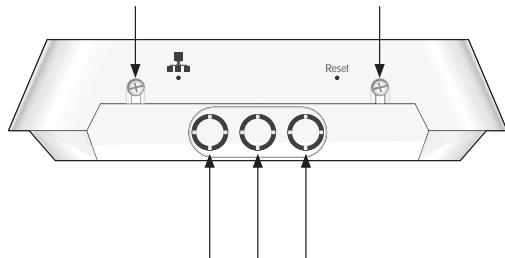
The HeatLink Wireless Relay can be used as a boiler relay (RX1), or as a single room relay (RX2), and should be installed in a location that is appropriate to its function, and that allows for easy accessibility for wiring and maintenance.

Before pairing the Wireless Relay with your system ensure that the RX1/RX2 switch is in the desired position.

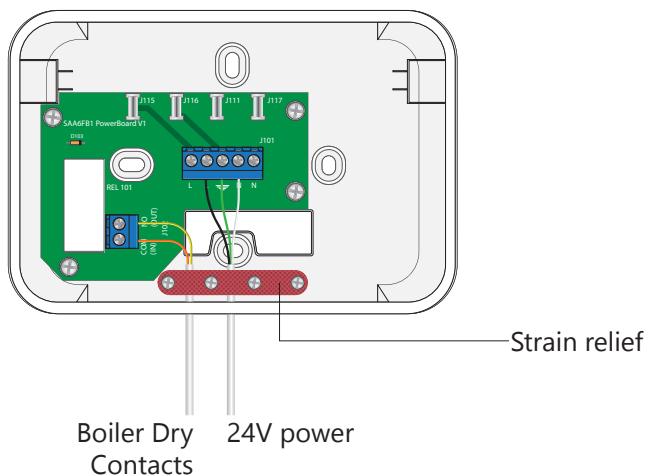


Step 1 Ensure that all necessary parts are included with the wireless receiver.

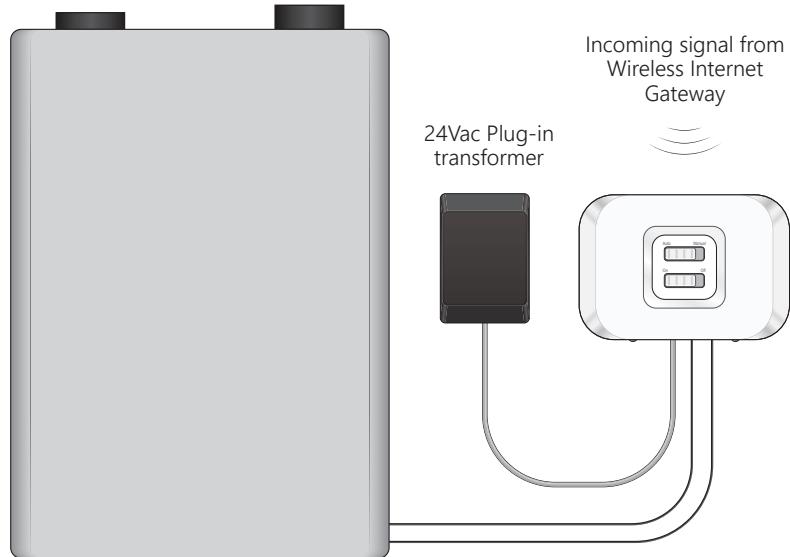
Step 2 Remove the cover by loosening the screws on the bottom of the wireless receiver.



Step 3 Remove the plastic knockouts on the bottom of the unit as necessary using wire snips, insert wires, secure wiring with the strain relief.



Step 4 Use the included screws and wall anchors to mount the receiver to the wall in the desired location, verifying that it is within reach of the power supply and wiring needed.



Step 5 See page xx for wiring schematics, according to desired function of the unit.

Step 6 Once wired to your boiler or other device, it is ready to be paired with the system.

Turn to "Pairing a Wireless Relay for Use with a Boiler (RX1)" on page 26, or "Pairing a Wireless Relay for Use as a Single Room Relay (RX2)" on page 28

Device Pairing & System Set Up

When first setting up the wireless system you have the option of configuring it for **Online** use (Zigbee network with connection to the internet via your local network + app), or **Offline** use (Zigbee network only, no internet connection, no app).

Ensure that you follow the correct set up instructions for your system configuration.

Online System Setup - Wireless Internet Gateway & App

When using the HeatLink® wireless gateway to connect your system pair it with the app before setting up the rest of your components.

The Wireless Internet Gateway and your phone/tablet/computer must be on the same network during the set up/pairing process. Once the set up is complete the app can be used from anywhere to control and monitor the system.

See the help section of the app for more details.

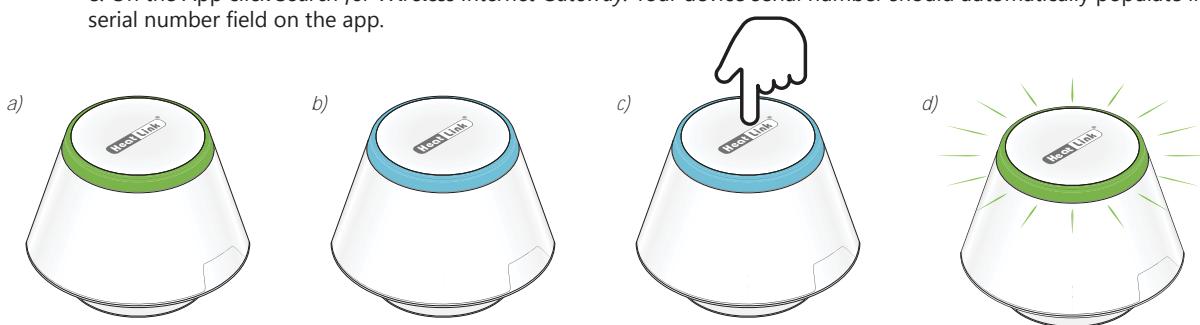
Pairing Your Wireless Internet Gateway and the HeatLink App

Step 1 Open the app on your phone or tablet, or the portal on your computer.

Step 2 Scroll down to select Search for Wireless Internet Gateway.

Step 3 Follow the steps on the app to connect your Wireless Internet Gateway.

- a. Ensure the Wireless Internet Gateway is connected to the modem or wireless router with an Ethernet cable.
- b. Wait for the Wireless Internet Gateway LED to turn solid blue. **This may take up to 10 minutes.**
- c. Press the multi button on top of the Wireless Internet Gateway once.
- d. The LED will flash green.
- e. On the App click *Search for Wireless Internet Gateway*. Your device serial number should automatically populate in the serial number field on the app.



Step 4 Scroll down to enter your location and timezone, address, options, and to name your gateway.

Note: You will only have two (2) minutes set up your gateway before it times out. If the gateway times out, you will need to start the Wireless Internet Gateway setup process again.

Step 5 Press Activate Wireless Internet Gateway.

Step 6 You are now ready to begin pairing other HeatLink wireless components to your StatLink® system.



Notes on Wireless Internet Gateways: Additional Wireless Internet Gateways can be added to your account for secondary systems/locations, such as a cabin, other office location, or basement suite.

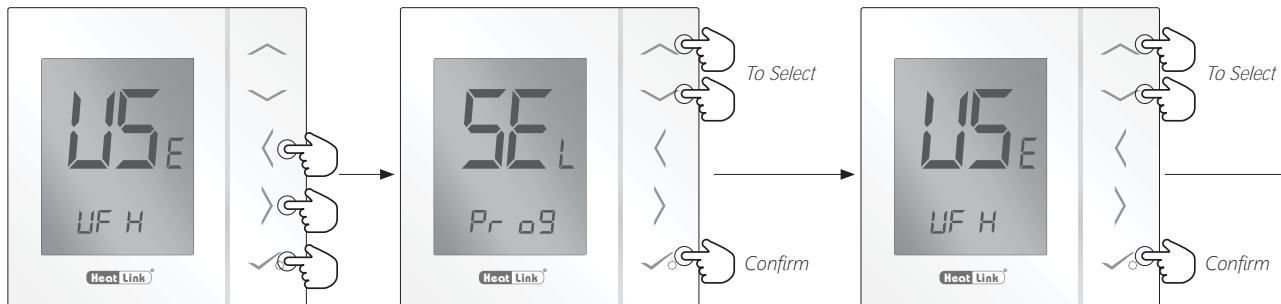
Devices can only be paired to one Wireless Internet Gateway; each Wireless Internet Gateway is a separate system.

Wireless Internet Gateways can only be linked to one account at a time. See page xx for instructions for assigning a system to a new account (new maintenance staff, new homeowner/tenant, etc).

Systems and Settings

The HeatLink Wireless Digital Thermostat can be programmed for a variety of different heating applications. The factory default is Underfloor Heating (UFH). Follow the steps below to change the parameters for your system needs.

Step 1 Long Press three buttons until display changes to Sel Prog.

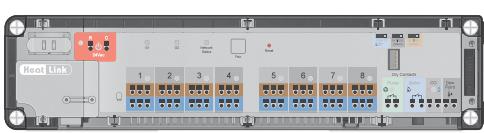


Pr o9 Programmable (master) thermostat

d i g t Digital (slave) thermostat

h w t Hot Water Timer (not used)

UF H



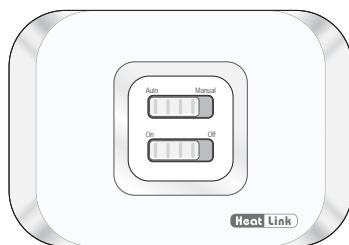
Underfloor Heating (default)
StatLink® 8 Zone Wireless
Module

rA d



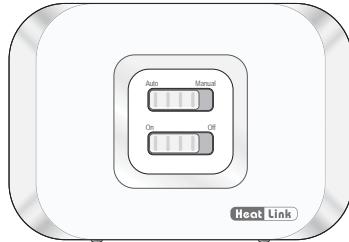
Radiator System
Wireless Valve Actuator

rE C1



Boiler Switching
Wireless Relay (RX1 setting)

rE C2



Single Room Switching
Wireless Relay (RX2 setting)

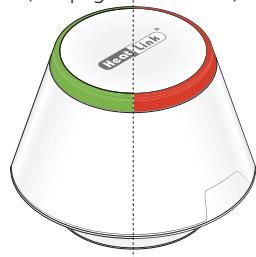
Set Up - Underfloor Heating System

Components: Wireless Digital Thermostat, StatLink® 8 Zone Wireless Module, Wireless Relay (RX1) for boiler switching (optional).

Zones must be assigned on the wiring center first, then paired with your thermostats - they cannot be assigned via the app.

Step 1 Ensure the components are plugged in/powered up, and ready to be paired.

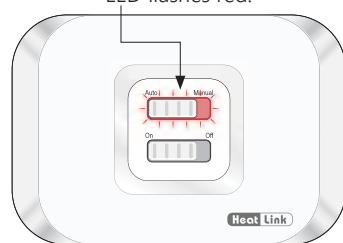
LED is solid green or red
(see page 7 for details)



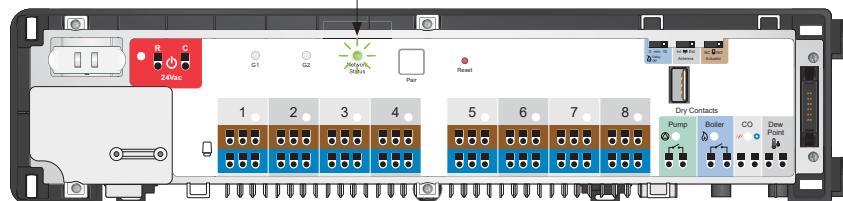
Default status screen



LED flashes red.



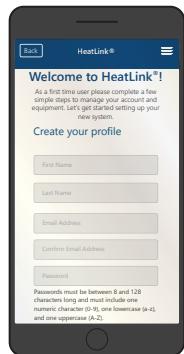
The Network Status LED flashes (1:1) green.



Online

Step 2

On the HeatLink App open the drop down menu, select Equipment -> All Equipment -> Add Equipment -> Scan For Equipment.



Offline

Step 2

Put the Wireless Internet Gateway into Pair Mode by pressing the multi button for 5 seconds.



The Wireless Internet Gateway LED will flash red.



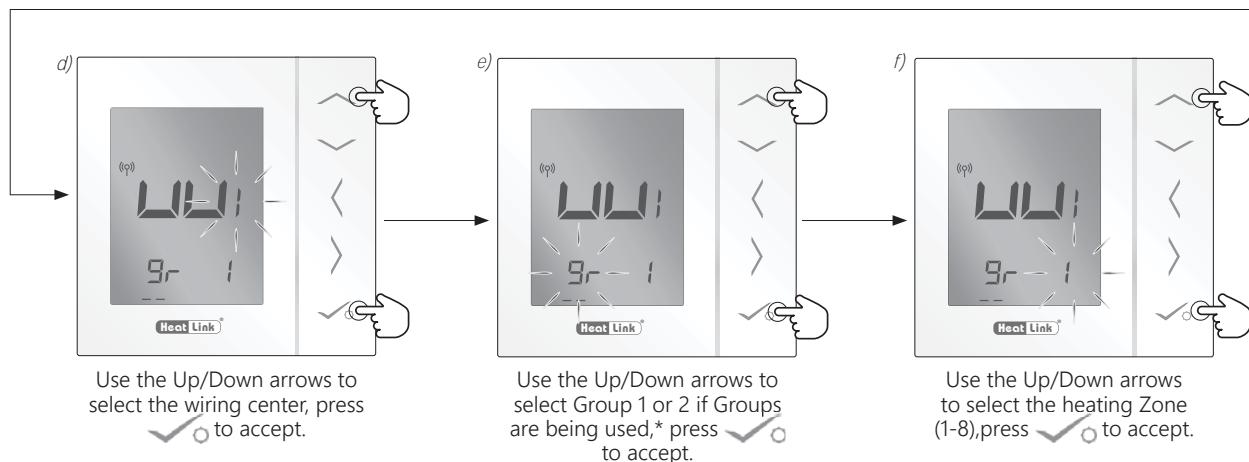
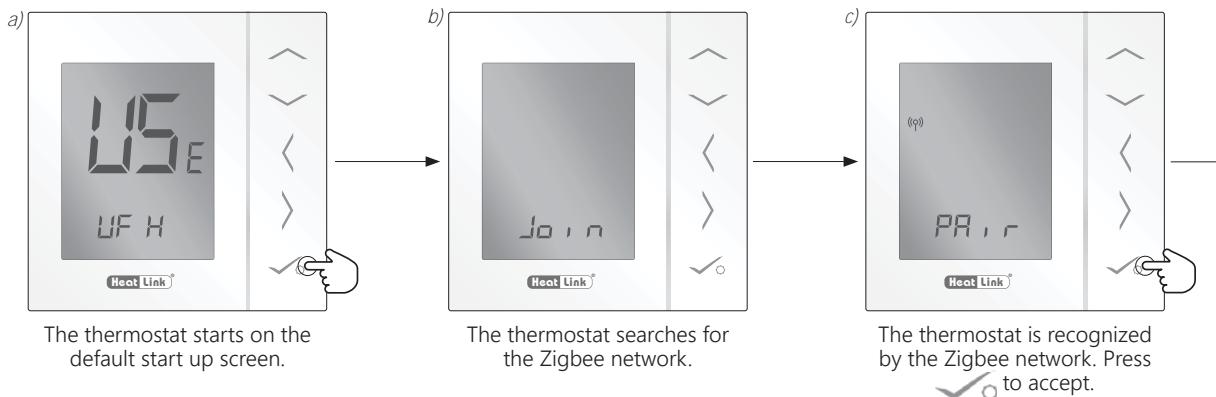
Step 3

Follow the on-screen prompts of the app.

Step 3

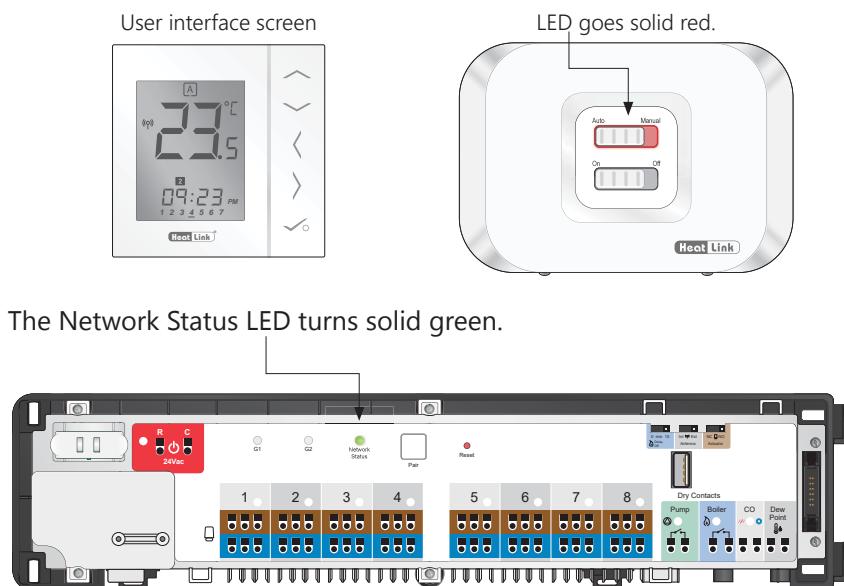
Continue to Step 4.

Step 4 Enter Underfloor Heating (UFH) Pair mode on the thermostat.



*The Group setting is not used in Online systems. See page 21 for information on using Groups in Offline systems for Underfloor Heating Applications.

Step 5 The thermostat, wiring center, and Wireless Relay RX1 (if applicable) are now paired.



Online

Step 6 Follow the on screen prompts of the app.

Step 7 Repeat steps 1 - 5 for additional thermostats and StatLink® 8 Zone Wireless Modules as required (see note).

Step 8 Use the App to set your heating programs and preferences.



Once Online pairing is complete, the LED ring on the Wireless Internet Gateway will be solid blue.

Offline

Step 6 Press the multi-button once to exit pairing mode, or repeat steps 1 - 5 for additional thermostats and StatLink® 8 Zone Wireless Modules as required (see note).

Step 7 See page 36 for programming the thermostat.



Once Offline pairing is complete, the LED ring on the Wireless Internet Gateway will be solid red.

Note: If you are installing more than one wiring center, press the Pair button once it has joined the Zigbee network to identify the StatLink® 8 Zone Wireless Module number. The Zone LEDs will flash to indicate the StatLink® 8 Zone Wireless Module number (ie. Zone 1 = StatLink® 8 Zone Wireless Module 1; Zone 2 = StatLink® 8 Zone Wireless Module 2, etc.).

Make note of the StatLink® 8 Zone Wireless Module number for later in the pairing process.