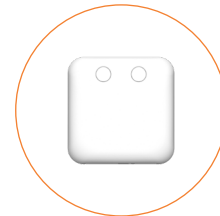


Products

– Comfort / Thermostat



Description

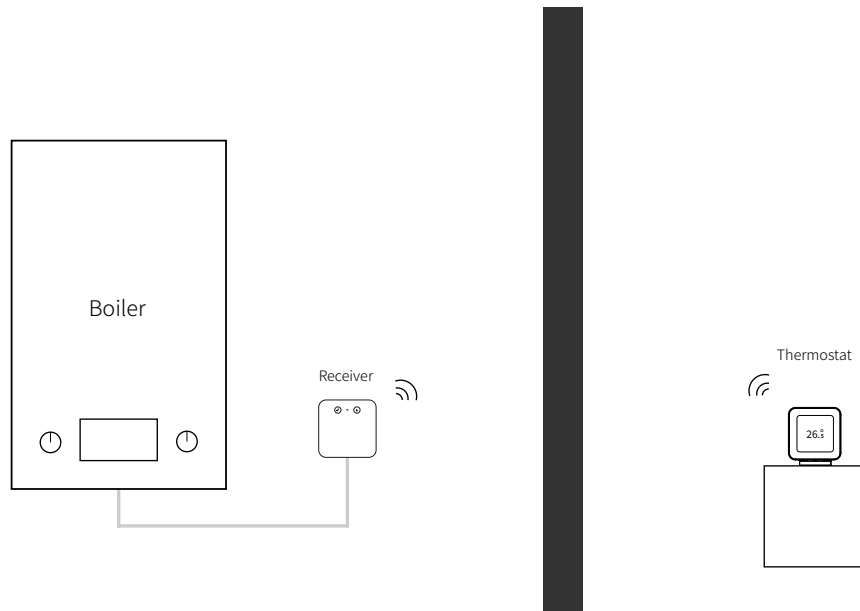
The ZigBee Touchsreen Thermostat (EU) makes it easier and smarter to control your household temperature and hot water status. You can replace your wired thermostat or connect wirelessly to the boiler through receiver. It will maintain the right temperature and hot water status to save energy when you at home or away.

Main Features

- Thermostat with ZigBee 3.0
- 4-inch Full-color touch screen thermostat
- Suitable for wired/wireless installation with boiler
- Combination/Disassembly of thermostat and receiver to meet different installation needs
- Real-time Temperature and Humidity measurement
- Temperature, Hot Water management
- Heating/Hot water 7-day programming schedule
- Customized boost time for heating and hot water
- Away control
- Stable communication between thermostat and receiver
- Heating/hot water boost manually on receiver
- Freeze protection

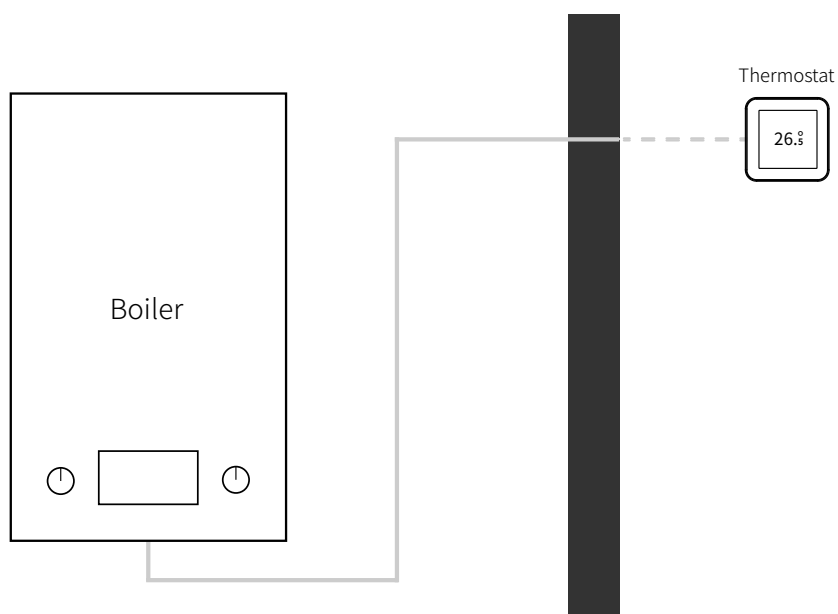
Scenario for installation

If there have no existing boiler wires through the wall in your home, or you have never installed a thermostat before. It is recommended that you install the thermostat wirelessly.



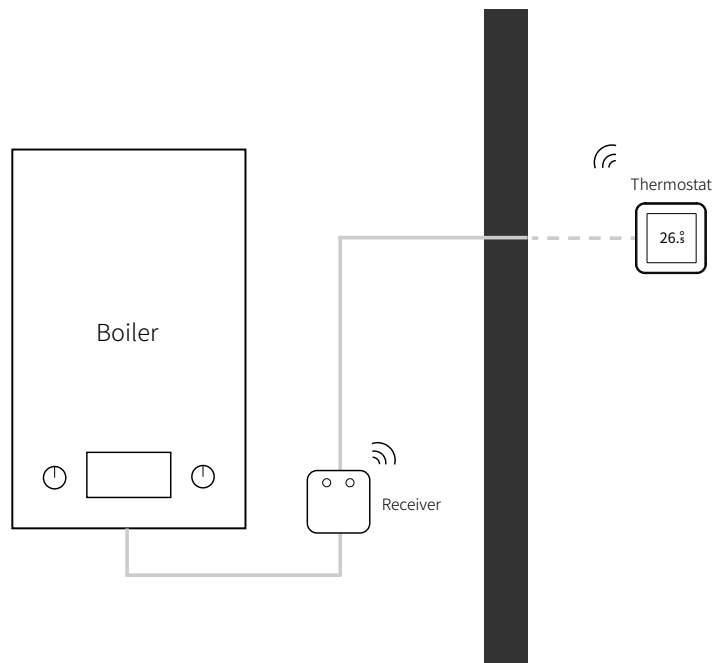
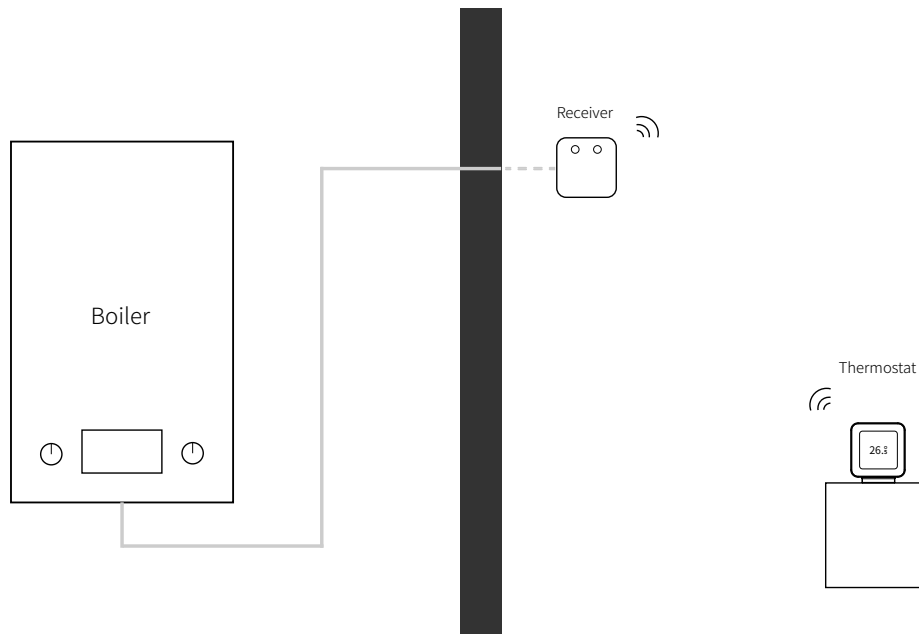
Wireless Installation

If you want to replace a wired thermostat, or there have existing wall-wires. It is recommended that you install the thermostat by wire.



Wired Installation

In this installation, you need to fix the front panel of thermostat to the backplate of Receiver through Pin Header included. This is what we call **'Combination'** and **'Disassembly'**. You can also use the other wired installation ways below:



Main Specifications

Thermostat:

Wireless Connectivity	
ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee 3.0
RF Characteristics	• Operating frequency: 2.4GHz • Internal PCB Antenna • Range outdoor/indoor: 100m / 30m (Open area)
Radio	• 868Mhz
Physical Specifications	
LCD Screen	• 4-inch Full-color touch screen
Operating Voltage	• DC 5V • DC 12V (Voltage from Receiver)
Operating Environment	• Temperature: -20° C ~ +50° C • Humidity: up to 90% non-condensing
Temperature	• Sensing Range: - 40~125° C • Sensing Accuracy: ±1° C • Response Time: 10S
Humidity	• Sensing Range: 0~100% • Sensing Accuracy: ±3% (20%~80%) • Response Time: 10S
Dimensions	• 104 (L) × 104 (W)× 21 (H) mm
Mounting Type	• Wall mounting/Stand
Weight	• 200g • Stand: 15g • Trim plate: 59g • Combination: 319g

Receiver:

Compatibility	
Compatible systems	• 230V Combi boiler • Dry contact Combi boiler • System and heat-only boilers • Domestic hot water tanks
Wireless Connectivity	
Radio	• 868Mhz
Physical Specifications	
Operating Voltage	• 100~240VAC
Output	• 12V 1A
Relay	• 10A
LED	• 2-color LED (Red, Green)
Dimensions	• 109 (L) × 109 (W)× 28 (H) mm
Mounting Type	• Wall Mounting
Weight	• 183g