

# BeSMART

A SMARTER THERMOSTAT



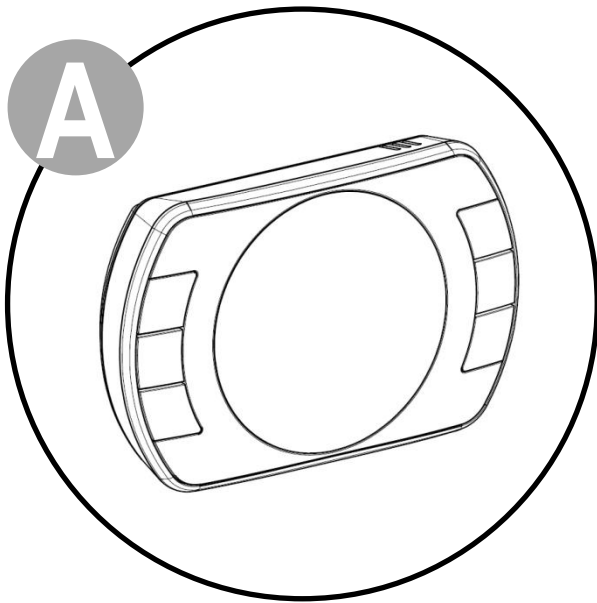
BeSMART Wi-Fi Thermostat

Quick Start Guide

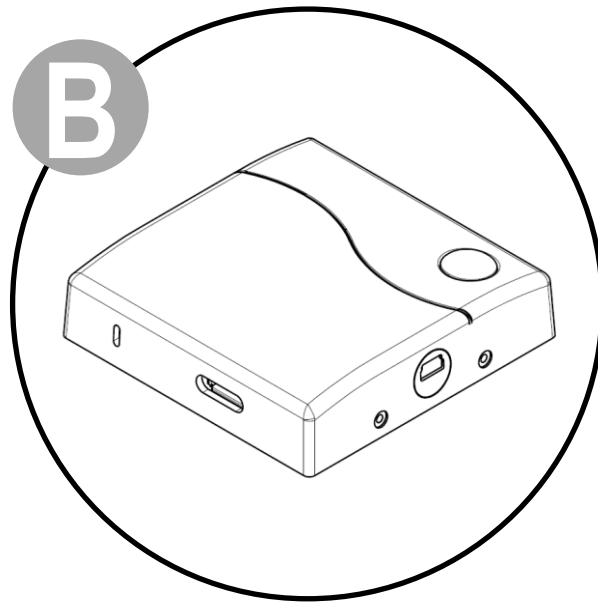
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# The installation is made in 3 steps



Install the BeSMART thermostat



Install the Wi-Fi box



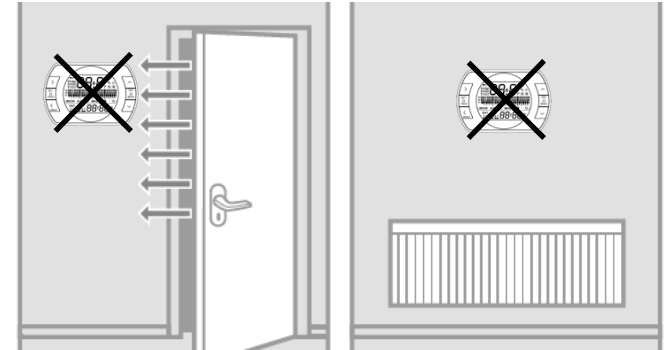
Download the BeSMART App

## Before installation

- Refer to the appliance manual to ensure that the BeSMART thermostat is compatible with your boiler
- The BeSMART wireless thermostat can be installed almost everywhere within the home, however please refer to the adjacent diagrams for guidance when deciding on a suitable location.
- The BeSMART thermostat can also be used to replace an existing hard-wired thermostat (please check appliance manual to ensure compatibility).
- Switch off and isolate the appliance and any external controls from the electrical supply, before carrying out the installation.

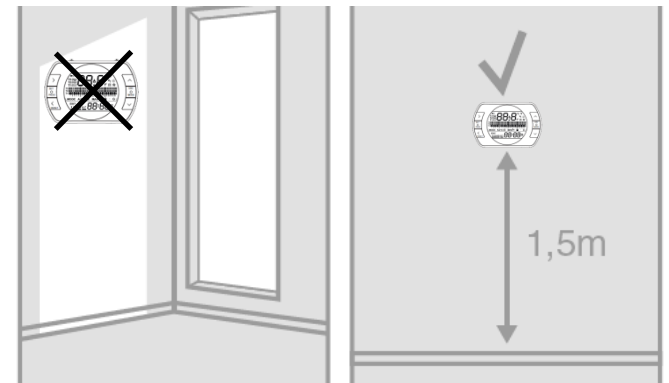
## Tools required for the installation

- Phillips screwdriver
- Small flat blade screwdriver
- Combination pliers



Avoid draughty areas

Do not install above heat sources



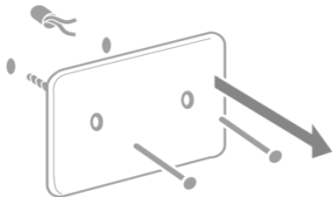
Avoid direct sunlight

Install at the correct height

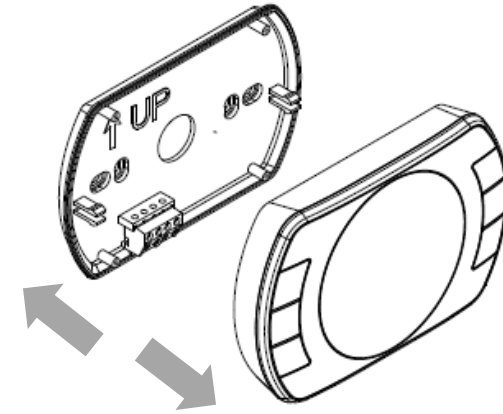
# BeSMART Installation

If necessary remove the old thermostat.

**Attention:** The BeSMART thermostat is a wireless control. Isolate any redundant wiring and ensure it does not interfere with the fitment of the BeSMART control. If its intended to re-use any existing wiring; you should refer to the appliance manual to ensure compatibility.



Separate the BeSMART from the wall plate.

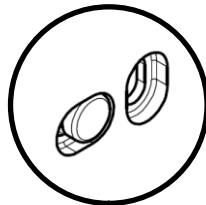
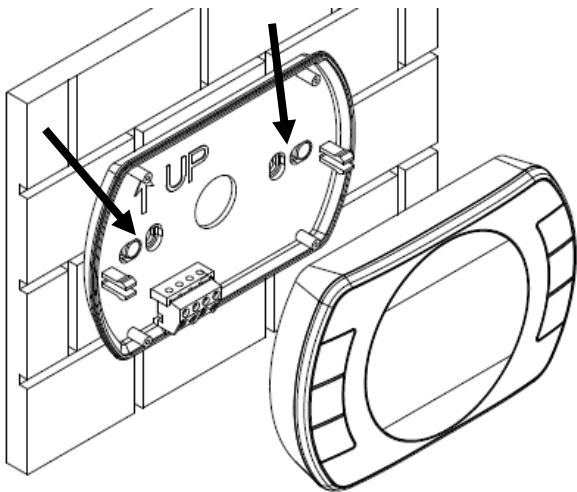
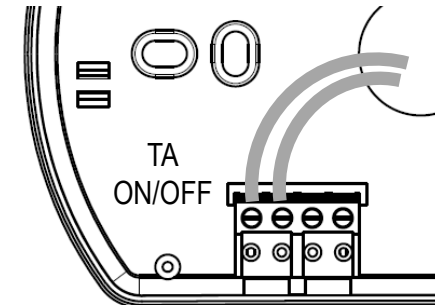


Fix the wall plate to the wall using the supplied screws. (screw head inside proper location)

## Hard-wired installation

If using as a hard-wired control; connect the respective wiring to the relevant terminals on the BeSMART control.

**Attention:** Please refer to the appliance installation manual and the BeSMART manual for specific information on hard-wired connections.

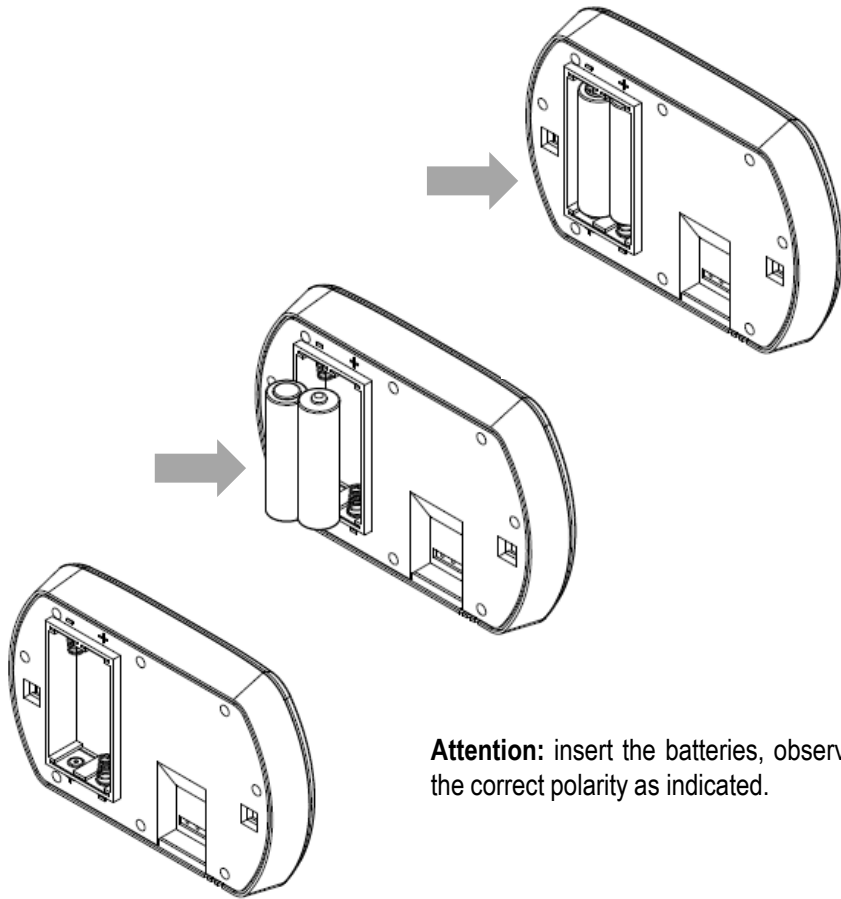


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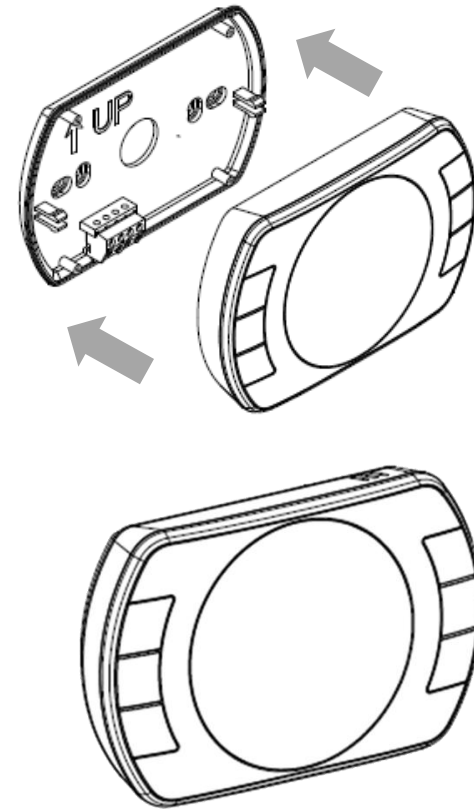
### BeSMART Installation

Insert two 'AA' type batteries (supplied), into the battery compartment .



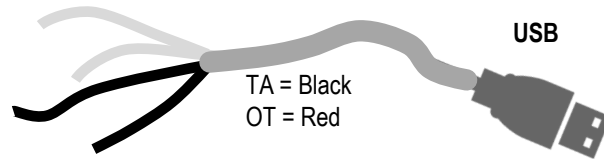
**Attention:** insert the batteries, observing the correct polarity as indicated.

Re-attach the BeSMART thermostat to the wall plate by aligning and then pressing firmly around the outer edges.

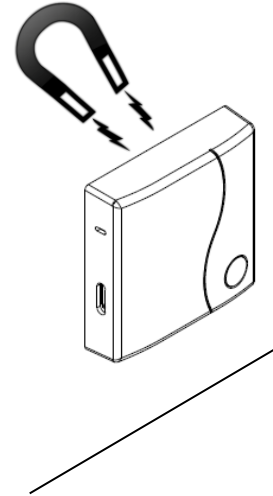


## Wi-Fi Box Installation

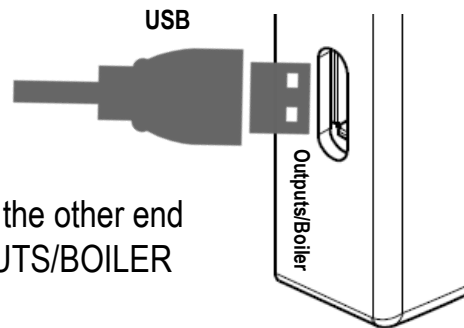
In the case of a wireless BeSMART installation, connect the (supplied) USB Wi-Fi Box cable to the boiler OT-Bus connection (for specific boilers) or to the boiler room thermostat connection (TA or ON/OFF).



**Attention:** for the electrical connection and the technical specifications, please refer to the installation manual. (OT PCB plug supplied as standard)

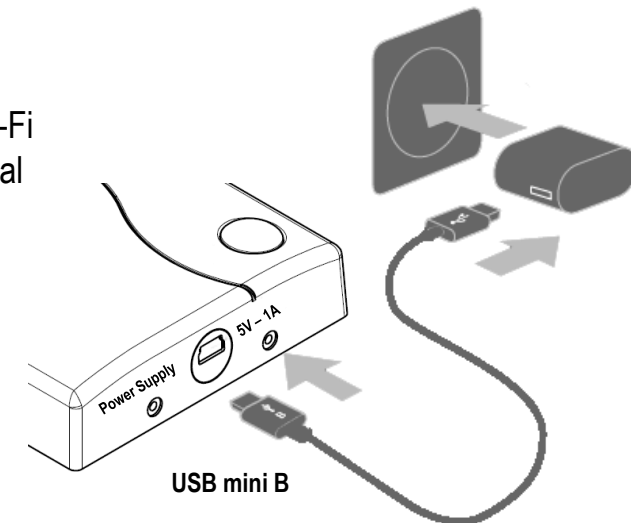


Attach the Wi-Fi Box to the appliance casing, using the magnetic pad located on the rear of the Wi-Fi Box. Please check the ambient temperature is according the product specification as indicated in the installation manual. In case of installation wireless, low Wi-Fi signal and boiler RF receiver installed, place the Wi-Fi Box in an ambient with a good Wi-Fi signal (above 30%).



For a wireless installation, insert the other end of the USB cable into the OUTPUTS/BOILER socket of the Wi-Fi Box.

Using the mini USB cable and power adaptor (supplied); connect the Wi-Fi box to an adjacent electrical socket .



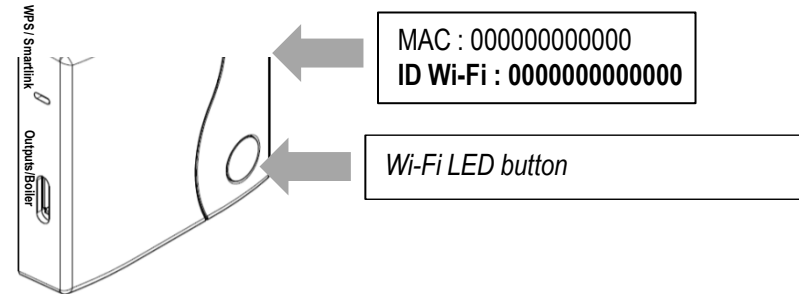
# Installation and configuration of smartphone app

Download and install the BeSMART App on a smartphone or tablet.



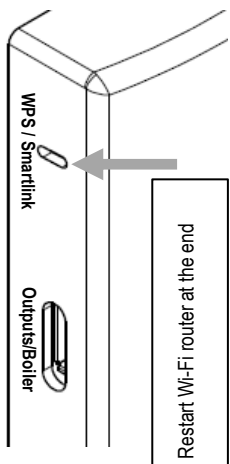
Create a user account following the steps indicated on the app.

Link the user account to the 'ID Wi-Fi' code that's located on the side of the Wi-Fi Box.



If required, it is possible to couple a boiler receiver or additional thermostats to the Wi-Fi Box using the following procedure: press and hold the Wi-Fi LED button on the Wi-Fi Box until both red and green LEDs are flashing simultaneously. Place the device that is to be coupled, into the 'coupling' mode. When the coupling process has been completed, the system will automatically return to the normal operating condition.

Use the password key of the 'Wi-Fi' router to link the Wi-Fi Box to the home network using one of the methods indicated below.



## SmartLink:

- ✓ Press once the SmartLink button with a paper clip or similar
- ✓ The green LED should be flashing rapidly
- ✓ Start the smart link function on the app (Wi-Fi configuration menu) enter the network password – Wi-Fi Box will automatically configure

## WPS: (only for router with WPS functionality)

- ✓ Enable the WPS function via your router/home network
- ✓ Press and hold the WPS button on the WiFi box with a paper clip or similar, until the green and red LEDs are flashing rapidly and consecutively
- ✓ Successful activation is confirmed when the red LED flashes rapidly



The system, once online, may take up to 4 minutes for self configuration

# Alarms and working status

Explanation of status LEDs displayed on Wi-Fi Box.

## LED

■ = fixed ON

▶▶▶▶▶ = flashing fast (0.5 secs)

▶▶▶ = flashing slow (1 secs)

LED green	LED red	Status
▶▶▶▶▶		Relay = bridged (only with ON/OFF installation)
▶▶▶		Relay = open (only with ON/OFF installation)
■		OT-bus connection = OK (only with OT connection)
■	▶▶▶	<i>Boiler alarm</i> (only with OT connection)
▶▶▶▶▶ ▶▶▶	■	Network or RF error
▶▶▶▶▶	▶▶▶▶▶	WPS mode in progress (press and hold WPS button) – wait WPS signal
	▶▶▶▶▶	WPS signal detected
▶▶▶▶▶	▶▶▶▶▶	SmartLink mode in progress (press SmartLink button once)
▶▶▶	▶▶▶	RF encoding in progress (press and hold the Wi-Fi LED button)

Alarm codes indicated on the BeSMART display and suggested corrective actions.

Err	E82	E83	E84	A01....99
Temperature sensor broken. (not reparable)	Radio frequency error. (Batteries/distance)	NO OT-bus communication. (check connections)	Hardware problem. (not reparable)	Boiler alarm. (refer to boiler manual)

More info and technical support on the following website:

[www.besmart-home.com](http://www.besmart-home.com)



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