



IoT WiFi Module Installation Guide

instinct FSB

SOLO 110-155-199 & COMBI 155-199



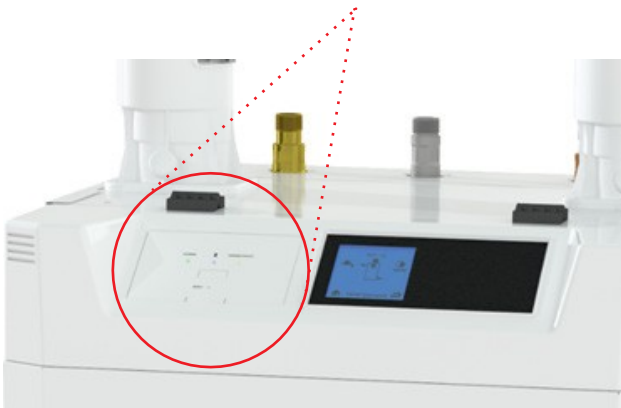
REQUIREMENT CHECKLIST BEFORE FITTING THE IOT MODULE.

Before pairing the US device ensure you have completed the following:

- Supplied the email address registered to your Apple / Android Account to Mark Avron
- Download the Triangle Tube App. 
- Completed the Registration process on the App.
- Obtained the Customers Home WIFI Network Name (SSID)
- Obtained the Customers WIFI Password

INSTALLATION STEPS

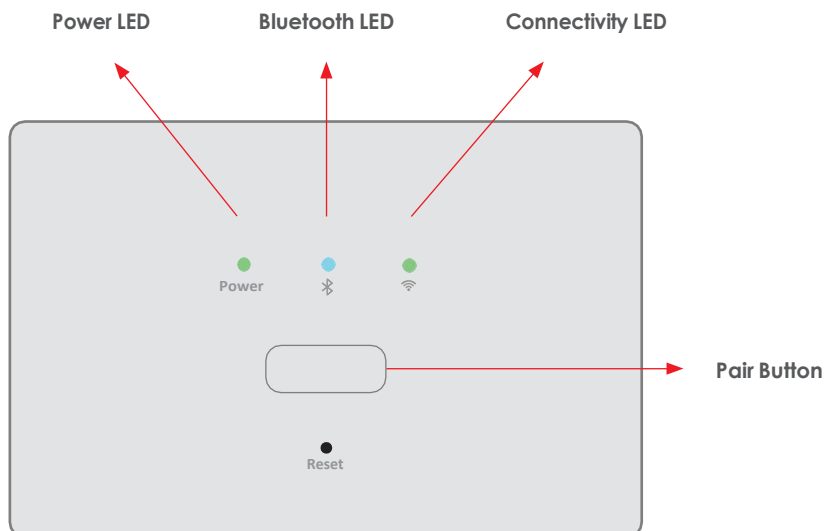
1. Locate the IoT WiFi module in the boiler



LOCATION GUIDELINES

The IoT Module connects to the home Wi-Fi network through a Wi-Fi chip. The home Wi-Fi router should be positioned no more than 30 metres from the IoT module. Where possible avoid directing Wi-Fi communication through metal frames or solid concrete walls.

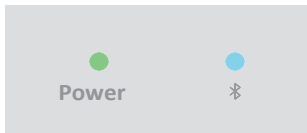
IoT Wi Fi Module overview



2. Connecting the IoT WiFi module to the customers Wi-Fi

a) Power on the boiler

Ensure the Power LED is solid GREEN and Blue tooth blue LED is flashing blue.

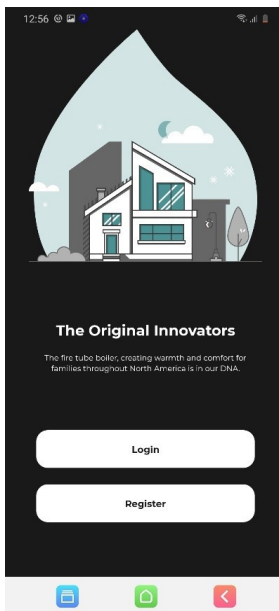


b) Launch the mobile app

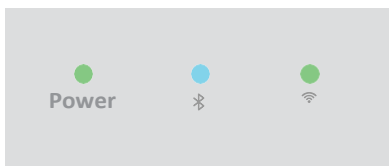


Triangle Tube

c) Follow the on-screen instructions to start the device registration.



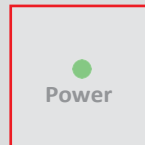
d) Once registration has completed ensure the LED status is shown as below.



Note: If you do not see the blue Bluetooth LED as shown here this just means your mobile phone has disconnected from the IoT module. This is OK.

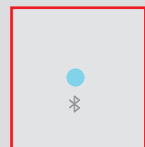
LED KEY:

Power LED



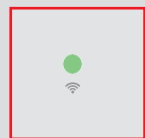
- o Solid green - power to the module
- o No illumination – no power to module

Bluetooth LED



- o Flashing blue – Bluetooth/Wi-Fi on boarding mode
- o Solid blue – Bluetooth connection to mobile device

Wi-Fi LED



- o Flashing green indicates searching/identifying WIFI network
- o Solid Blue LED indicates successful connection to the WIFI network
- o Solid Green LED indicates the module has successfully connected to the Cloud
- o Solid Red LED indicates failed connection to WIFI

TROUBLESHOOTING

- **Bluetooth/Wi-Fi onboarding mode** – After 2 minutes the Bluetooth will timeout (Blue Bluetooth LED turns off) press and hold the pairing button for 5 seconds to re-enter Bluetooth/Wi-Fi onboarding pairing.
- **Resetting the IOT module**, press and hold the pairing button for 15 seconds - this resets the module to factory settings (all LEDs will turn off and the device will reboot)

Colour	Power LED	Connectivity LED	Bluetooth LED
Red		Solid: Failed to connect to Wi-Fi	
Green	Solid: Power On Off: Power Off	Flashing: Locating WiFi Solid: Connected to Cloud	
Blue		Solid: Connectivity via WiFi (not connected to cloud) Flashing: Establishing WiFi	Flashing : Pairing service active, not tethered Solid : Bluetooth tethered
Orange		Solid: Factory reset in progress	

