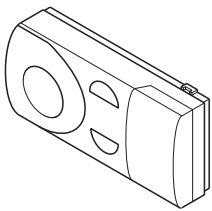


# INSTALLATION & OPERATING INSTRUCTIONS

## Single Channel Wireless 24 Hour Programmable Room Thermostat EcoBlue Range

Part No. 7212343



Please keep these instructions in a safe place. If you move house, please hand them over to the next occupier.

**BAXI**  
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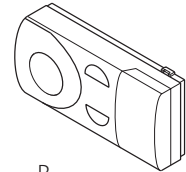
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### KIT CONTENTS IDENTIFICATION

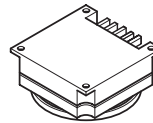
| Key No | Description                                | No Off |
|--------|--|--------|
| A      | Instructions                               | 1      |
| B      | Programmable Room Thermostat (Transmitter) | 1      |
| C      | Receiver Unit                              | 1      |
| D      | Battery (1.5V LR6/AA)                      | 2      |
| E      | Screw Plastite Pozzi                       | 1      |
| F      | Facia Infill Panel                         | 1      |



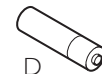
A



B



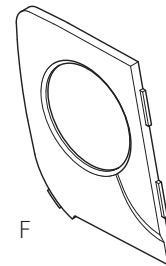
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E



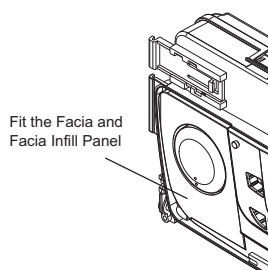
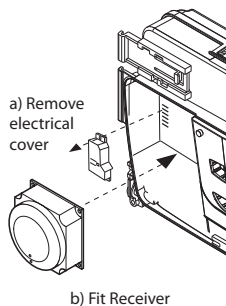
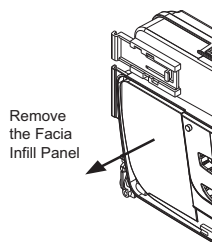
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### MAKING THE ELECTRICAL CONNECTIONS & FITTING THE RECEIVER

**WARNING:** Isolate the power supply before proceeding.

**Note:** The IP rating of the boiler with a plug-in accessory fitted is IP20. Ensure siting is appropriate before installing this accessory.

1. Ensure that the electrical supply to the boiler is isolated. Remove the outer case front panel then hinge the facia cover panel down.
2. Remove the Blanking Plate from the front left-hand side of the facia assembly.
3. Remove the securing screw and the Electrical Cover to reveal the electrical connections for the Receiver.
4. The Receiver is a push-fit connection. Press the Receiver pins into the slots provided and secure using the screw removed previously.
5. Fit the new Facia Infill Panel over the Receiver and clip into place.
6. Continue with the installation and commissioning of the appliance. Reinststate the electrical supply to the appliance. Set the clock as described in these instructions and according to the requirements of the user. Instruct the user in the operation and setting of the timer.



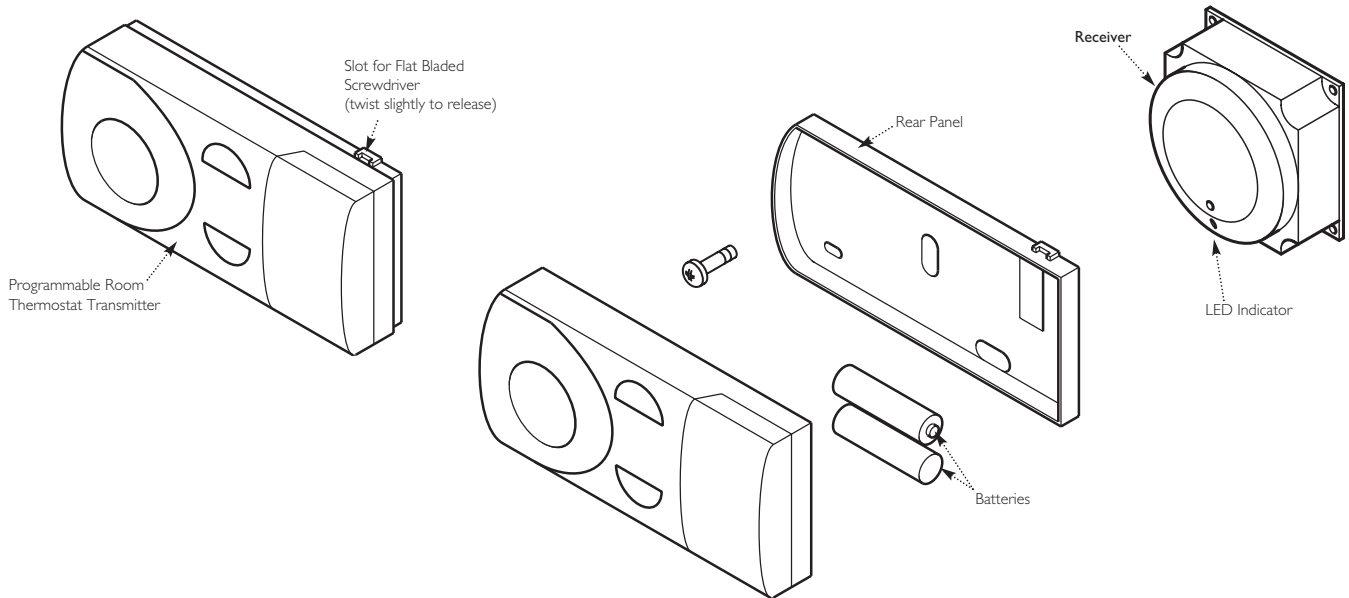
## FITTING THE PROGRAMMABLE ROOM THERMOSTAT TRANSMITTER

**IMPORTANT:** The Receiver and Transmitter are supplied as a 'matched pair' and **MUST** be installed together. Also, in the case of replacement **BOTH** items must be renewed.

1. Ensure that there is power to the boiler and that the boiler is turned ON.
2. Remove the rear panel of the Programmable Room Thermostat Transmitter and, noting the polarity, fit the batteries (2 x 1.5V LR6/AA) supplied. Press the Reset Button on the Transmitter - the Transmitter will begin to communicate with the Receiver within 30 seconds. The Receiver will pick up a signal - this can be confirmed by switching on the Transmitter to create a demand and observing the LED Indicator - see the section 'OPERATING MODE' below.
3. Secure the rear panel of the Transmitter to a suitable wall in the living room or hall. Refit the Transmitter in place on the rear panel.

**OPERATING RANGE:** Within a building - up to 20 metres. **IMPORTANT:** Avoid positioning large metallic objects, including mirrors, in the 'line - of - sight' between the Transmitter and Receiver as the communication between the two will be adversely affected.

**NOTE:** Boiler is IP20 when the receiver is fitted - this affects the positioning of the boiler in bath and shower rooms



## SETTING THE PROGRAMMABLE ROOM THERMOSTAT

The Programmable Room Thermostat Transmitter has two temperature operating levels, 'Hi' and 'Lo'.

**'Hi' Mode:** This is set using the 'Hi' dial (5°C to 30°C) and will set the temperature to the level desired when the property is occupied (e.g. 21°C).

**'Lo' Mode:** This is set using the 'Lo' dial (5°C to 15°C) and will set the temperature to the level desired when the property is unoccupied or at night (e.g. 10°C).

**To Set The Time:** Slide the cover (A) off the unit. Rotate the timer clock clockwise until the time is correct as indicated by the timer pointer.

**To Set The 'Hi' & 'Lo' Central Heating Times:** Move the tappets outwards for 'Hi' times and inwards for 'Lo' times. Each tappet = 15 minutes.

**Summer:** During the summer it is recommended that 'Lo' is selected using the 3 position switch.

**Holiday Periods:** When going on holiday set both dials to 5°C to provide frost protection of the property.

**To Set The Operating Mode:** Slide the three position selector switch to the desired position:-

- Hi** = Temperature maintained at 'Hi' setting (irrespective of tappet position)
- L** = Temperature alternates between 'Hi' & 'Lo' temperature periods
- Lo** = Temperature maintained at 'Lo' setting (irrespective of tappet position)

## OPERATING MODE

### Receiver

If the LED is Off then the Central Heating is Off.  
If the LED is On then the Central Heating is On.

If the LED is continuously flashing once every 2 seconds then the batteries in the Programmable Room Thermostat Transmitter are low & will soon require replacement.  
If the LED is continuously flashing twice every second then the batteries in the Programmable Room Thermostat Transmitter must be replaced immediately.

### Programmable Room Thermostat Transmitter

If the LED is continuously flashing YELLOW once every 2 seconds then the batteries in the Programmable Room Thermostat Transmitter are low & will soon require replacement.  
If the LED is continuously flashing RED twice every second then the batteries in the Programmable Room Thermostat Transmitter must be replaced immediately.

### Emergency Mode

If the receiver LED is continuously flashing 2 or 3 times a second then communication between the Receiver & Transmitter has been lost. In this instance the Receiver enters Emergency Mode. The Central Heating will operate for 3 minutes, followed by an Off period of 9 minutes, then 3 minutes On again, repeating this sequence until the fault has been rectified.

The unit will enter Emergency Mode when the following occurs:-

- i) Communication between the Receiver & Transmitter is lost for over an hour.
  - ii) The batteries have become discharged.
- NOTE:** When Emergency Mode is activated Baxi Group cannot be held liable for any excess consumption of gas.

### Re-establishing Communication

The communication between the Receiver & Transmitter can be re-established at any time by pressing the Reset button on the Transmitter. This must be done every time the batteries are renewed.

**Note:** When any of the Room Thermostat settings have been changed they will normally be communicated to the receiver unit on the boiler within 20 seconds, but may under certain circumstances take up to 3 minutes.

