



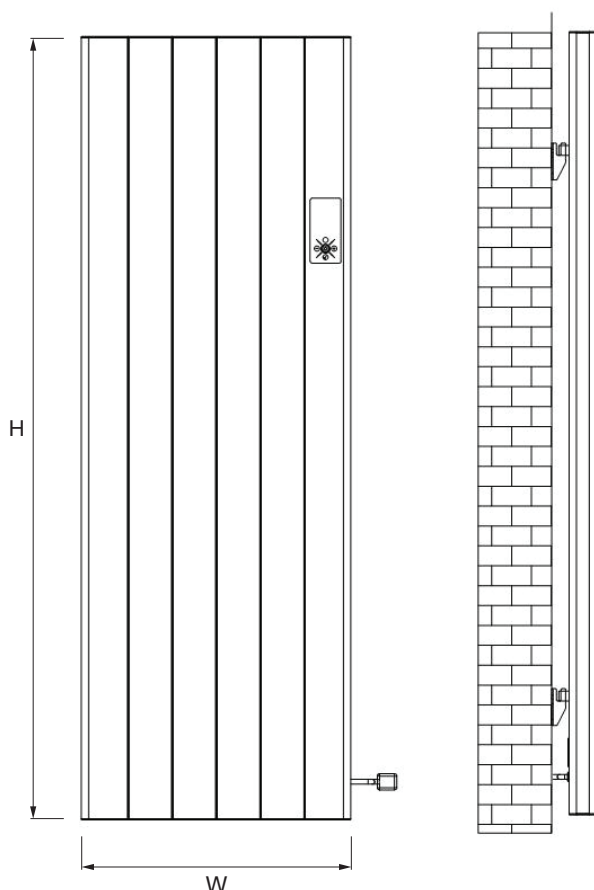
Fixing Instructions

BGO Electric Radiator



Please unpack your delivery carefully and inspect the radiator and contents – any damages or shortages must be notified to your supplier **within 3 days of delivery** of your goods.

Specifications



Technical Information

Wall to front face = 90mm

Technical Specifications

Power Supply:

230V 50Hz +/-10%

Max power:

2000W total

Insulation class:

Class I

IP rating:

IPX0

Temperature settings range:

7 – 30°C

User interface type:

Push-button and Wi-Fi

Visualization interface:

Digital display



PLEASE NOTE: That in accordance with Part L1 2006 of the Building Regulations and BS7593:1992 code of practice for the treatment of hot water and central heating systems, we recommend flushing the heating system before installation of new radiators and then adding the correct quantity and type of inhibitor for use with the radiator and system to prevent corrosion. Damage caused to systems not protected by a suitable inhibitor will not be covered by the manufacturer warranty. It is the responsibility of the installer to ensure the correct use and suitability of the fixings provided. No liability for costs or damages arising from failure to do so can be accepted.

Safety & Warnings

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and maintenance shall not be made by children without supervision.

Children younger than 3 years should be kept away unless continuously supervised. Children aged from 3 years and younger than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and younger than 8 years shall not plug in, regulate, or clean the appliance, or perform maintenance.

Do not use the device in enclosed spaces if persons are present who cannot leave the room independently and are not under constant supervision

In order to avoid overheating, do not cover the radiator.

In order to avoid a hazard due to inadvertent re-setting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

Some parts of this product can become very hot and cause burns. Do not touch the surface when in operation. Do not install close to curtains or other combustible materials. Particular attention should be given where children and vulnerable adults are present.

Keep the power cable away from all hot parts of the appliance.

Do not use the device if you detect damage to the main plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.

All repairs and servicing must be carried out by a qualified person. To avoid danger any repairs must be completed by the manufacturer, a service agent of the manufacturer or a similarly qualified person.

Make sure the voltage indicated on the rating plate for this appliance corresponds to your power outlet.

Do not use this device in the immediate surroundings of a bath, shower, swimming pool or any other water container. Risk of electric shock.

The device must not be located immediately below an electrical socket outlet.

Do not use the device with wet or damp hands.

No part of the appliance should be submersed in any type of liquid.

Safety & Warnings

Cleaning should be carried out using a damp doth only. No abrasive chemicals or materials should be used.

Never insert fingers or other objects or body parts into the device. Risk of electric shock or injury.

Do not use any accessories with this device. Use of accessories may cause damage or danger.

Keep the device at a minimum distance of one metre from curtains and other flammable materials.

The device must only be installed in an upright and fixed position in accordance with national installation rules.

The device is for indoor use only.

Do not use the radiator with a programmer, timer, separate remote control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.

Make sure the minimum safety distances from walls and objects stated in the installation instructions are observed at all times. This is very important to prevent damage to walls, furniture and soft furnishings and to prevent the product overheating.

Do not use the device in rooms where contact with flammable or potentially explosive materials like dust, gas or vapour cannot be avoided.

Do not use in rooms or environments that have a corrosive atmosphere.

Do not operate the device when wet. If the device gets wet during cleaning, allow it to dry out before using.

Do not expose the device to water jets.

Do not transport the device during operation.

Do not sit on the device.

Do not overload the socket used to power the device.

Before carrying out maintenance, care or repair work on the device, ensure the device is unplugged. Do not use the cable to tug the plug from the socket. Hold the plug by its housing and pull.

Switch the device off and disconnect the power cable from the mains sockets when the device is not in use.

Allow the device to cool down before touching or transporting the device, or attempting maintenance work.

The device must be placed where the switches and controllers cannot be touched by a person in a bathtub or shower.

Technical Specifications

Heating Element	X-shaped Aluminium Element
Voltage	230V AC / 50HZ
Wattage	1500W, 2000W
Temperature Setting	7~30°C
IP Rating	IPX0
Applicant Class	Class I
Power Cable Length	1.2m
WiFi Available	Suitable with Tuya APP

Installation Instructions



Review instructions carefully before installation.
Installation should be completed by a suitably qualified person.
Please dispose of packaging in a responsible manner.

Fixings

Before installing, check that all fixings are complete, and the product is intact. The radiator should only be wall mounted with the manufacturer’s fixings.



Wall bracket
X4



Silicone Gasket
X4



Masonry Wall Plug
X8

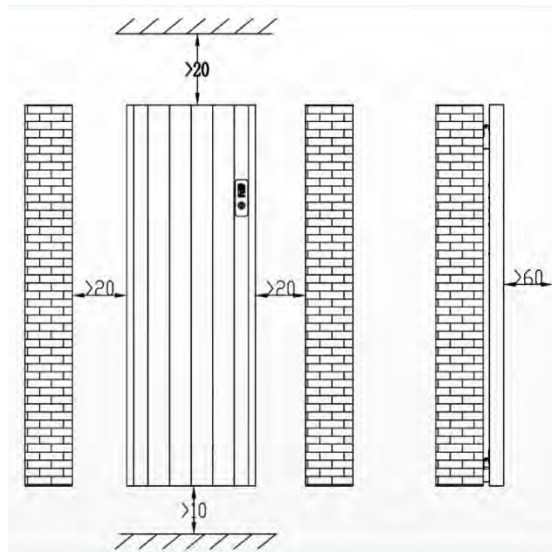


Long Screw
X8

Installation Instructions

Choose the correct wall for mounting

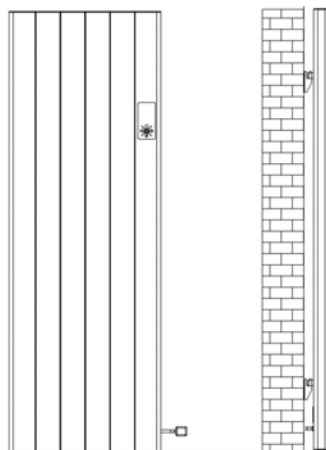
Choose the mounting position, respecting the minimum distances from surrounding walls, ceilings or fixed objects shown in the diagram below: at least 20cm from the top, 20cm from the sides, 10cm from the floor, and 60cm from the front. Mounting closer than recommended can cause overheating of the device and damage to surrounding objects and surfaces.



Fix the wall brackets:

- Using the template, make four marks on the wall according to the product size.
- Using a 6mm drill bit, drill the holes where you make your marks.
- Knock a wall plug into each hole using a hammer.
- Position the wall brackets over the holes and use four wall screws to fix them in place.

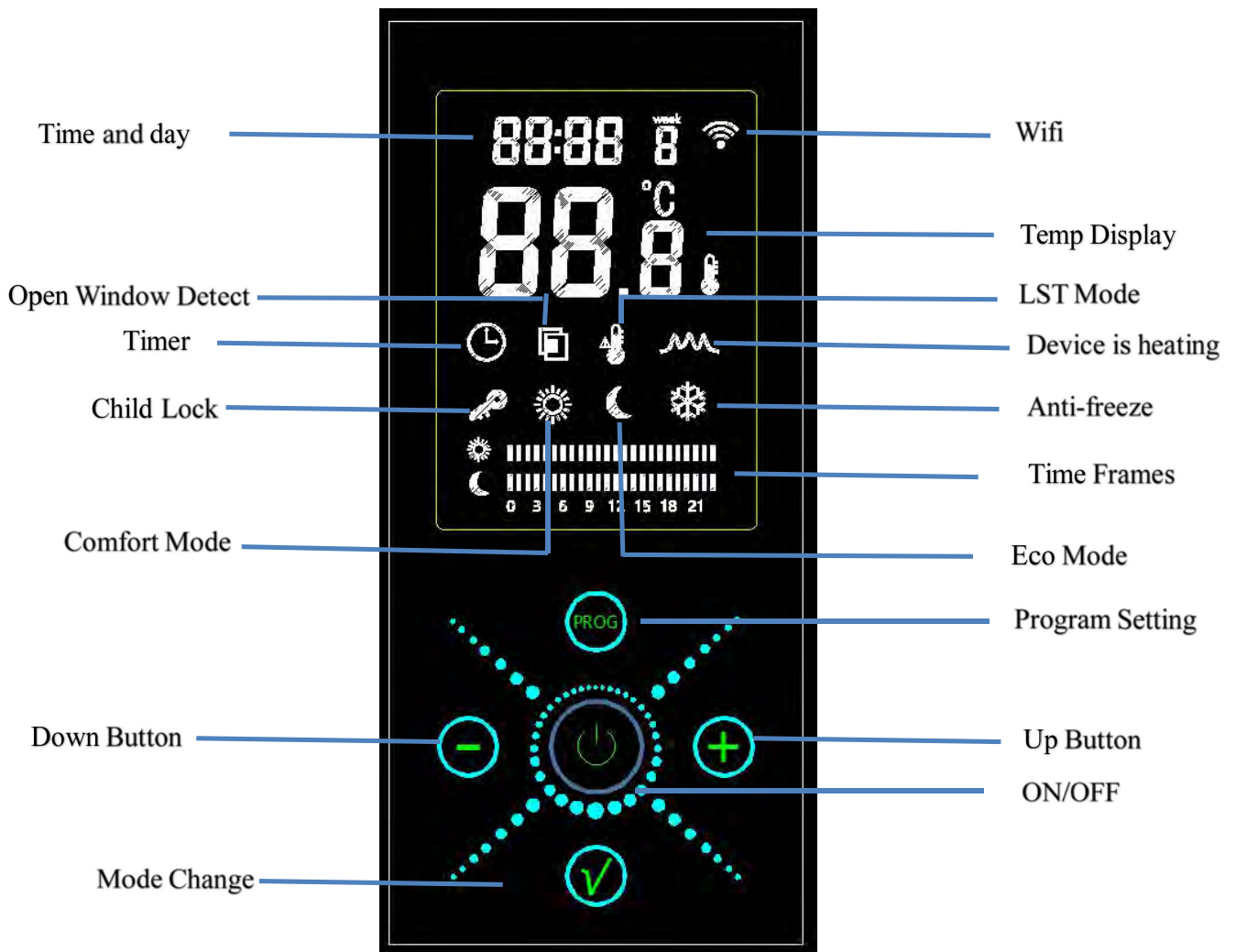
Hang the heater





Warning: To prevent potential safety hazards, it is recommended that grounding and short circuit measurements be performed after installation of the device. This should be done by a licensed electrician.

3 CONTROL PANEL



Power Switch

Before first use, the radiator must be switched on at the mechanical switch at the back of the unit. This switch must be left in the ON position if you want the radiator to remember its set times and programs.



4.1 Standby Mode

When the radiator switches on first time it appears in standby mode and the radiator will not heat. You can use the ON/OFF  button to switch between standby and heating modes.

4.2 Heating Mode

Press the  (Mode Change) button to change the heating mode. Cycle through: Comfort mode→ ECO mode→Anti-Freeze mode→Timer mode

4.2.1 Comfort Mode

·Press the ON/OFF  button to enter the comfort mode. The default set temp is 19°C .

·Temperature can be adjusted by using the + and - buttons.

The range is 7-30°C in steps of 0.5°C. Press and hold the button to speed up.

·Symbol  will be displayed when heating and disappear when it is not heating.

4.2.2 Eco Mode

·Press the  button to enter the Eco mode. When the icon  displays on the screen, you are in Eco mode. The default set temperature is 15.5°C .

·Temperature can be adjusted by using the + and - buttons.

The range is 7-30°C in steps of 0.5°C. Press and hold the button to speed up.

·Symbol  will be displayed when heating and disappear when it is not heating.

4.2.3 Anti-Freeze Mode

·Press the  button to enter the anti-freeze mode. When the icon  displays on the screen, you are in Anti-Freeze mode. Anti-freeze mode is set to 7°C. This is not adjustable.

·Symbol  will be displayed when heating and disappear when it is not heating.

4.2.4 Timer Mode

·Press the  button to enter the timer mode. When the icon  displays on the screen, you are in timer mode (You can also press PROG in any mode to switch to Timer mode). 00:00 will be displayed when power is on for the first time.

·Press and hold the PROG button for 3S to set the time. Press PROG to switch settings: hour setting→minute setting→day of week setting→day program setting→confirm.

·Hour setting: Press + or - to set the hours, the setting range is 0~23 in steps of 1H. Press and hold the button to speed up.

·Minute setting: Press + or - to set the minutes, the setting range is 0~59 in steps of 1min. Press and hold the button to speed up.

·Day of week setting: Press + or - to set the day of week, the setting range is 1~7 in steps of 1day. where 1=Monday, 2=Tuesday and so on. Press and hold the button to speed up.

·Day program setting: P1-P7 all default to Eco mode. The timer allows you to set a different program for every day of

the week. P1 is the schedule for Monday, P2 is the schedule for Tuesday, and so on. Each program consists of 24 hourly slots where you can set either comfort, Eco or anti-freeze mode. The radiator will heat at the temperatures you set on comfort, eco and anti-freeze mode.

· Follow the instructions above for setting the time. When P1 appears on the screen, you are ready to start setting your program:

> P1 and 00 will be on the screen. This means you are choosing a mode for midnight on Monday morning. Press and hold the PROG button for 3S to set the mode of each hour.

> Press + or - to select the hour and press  button to choose the corresponding mode. Comfort mode shown ; Eco mode shown , Anti-freeze mode shown 

For example: Change P1 to comfort mode from 7:00 to 21:00 (other time Eco mode).

· In the TIMER mode, the setting time is displayed.

Comfort mode: the  bar flashes and stays for 3S, icon  displays on the screen.

Eco mode: the D bar flashes and stays for 1S, and the icon  displays on the screen.

· Symbol  will be displayed when heating and disappear when it is not heating.

4.3 Child Lock

Use this function to prevent any change in the thermostat setting.

Press and hold the + and - buttons for 3 seconds to lock the display. The icon  will appear and all buttons will be locked except the standby button . Repeat the same procedure to unlock it.

4.4 Supplementary functions

The settings menu allows you to enable, disable and configure all the radiator's supplementary functions.

Press  to put the radiator into standby mode and hold down + for 10 seconds to enter the settings menu. Press  button to switch functions: Temperature compensation → Open window detection → WiFi mode → Tilt Protection

4.4.1 Temperature Compensation

The temperature compensation setting allows users to adjust for any discrepancy between the average room temperature and the temperature sensed by the thermostat. For instance, if the temperature in the room is 18°C, but the radiator is sensing 16°C, a compensation factor of +2°C will offset the difference. Press the + or - to adjust. The setting range is from -5~5°C in steps of 1°C (The default set is -2°C).

4.4.2 Open Window Detection

This function enables the automatic detection of an open window when the radiator is working.

· Press the + or - button to select, there are three options for the open window

detection function: 0F, 60 minutes and 90 minutes (The default set is 0F).

· If the radiator detects a sudden drop in temperature (2°C or more within 5 minutes),

The icon  will appear and the radiator will switch to anti-freeze temperature (fixed 7°C) for 60/90 minutes to prevent energy wastage as heat escapes through the window.

· It will revert back to the previous mode after heating for 60/90 minutes. If the temperature drops by 2°C within 5 minutes again, the radiator will continue to switch to anti-freeze temperature (fixed 7°C), then cycle through.

4.4.3 Wi-Fi Mode

This setting allows you to enable or disable the radiator's connection to Wi-Fi. Disabling the connection is temporary: if you have already added the radiator to your app account, disabling the connection will not remove it. You will be able to control via the app as soon as you re-enable the connection.

· Press the + or - to switch. Select "ON" to enable and "oF" to disable. (The default set is oN).

4.4.4 Tilt Protection

As a safety feature, this radiator is fitted with a tilt protection function that automatically places the radiator into standby mode if the appliance fell down.

When the appliance is returned to an upright position, normal operation will then be resumed.

4.4.5 Surface temperature

This is the radiator surface temperature, it means that it can be heated for a longer time before it stops working, which will heat up the room more quickly.

When the radiator surface temperature hit the selected temperature, it will stop working and it will work again once the surface temperature lower than the selected temperature.

• Press the or to set the temperatures. The setting range is 65~75°C in steps of 5 °C. (The default set is 65°C).

4.4.6 Reset to Defaults

Press  to put the radiator in standby mode. Press and hold the  key for 10 seconds to restore the device

to default settings. The full screen will be displayed for 3 seconds and enter to power off state. Press  to turn on. The comfort mode temperature is 19°C, the Eco temperature is 15.5°C, the anti-freeze mode temperature is 7°C, the time display "0000" and the week display "1"; P1-P7 are the default settings of the Eco mode, the temperature compensation is "-2", and the open window detection is "oF". LST function is "oF", WIFI function is "on". Tilt protection is "ON".

5.CONNECTING TO Wi-Fi

5.1 Downloading the App

Download the Tuya APP to your smart phone.You can find the app on Google Play or Apple Store.

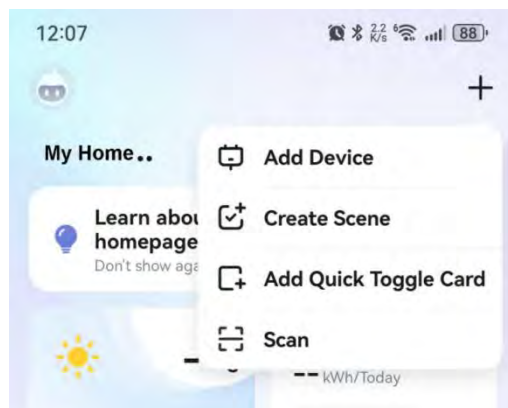
Install and follow the app's instructions to create an account.

5.2 Connecting to the App

To put the radiator in pairing mode, you may need to turn on blue-tooth of your smartphone.

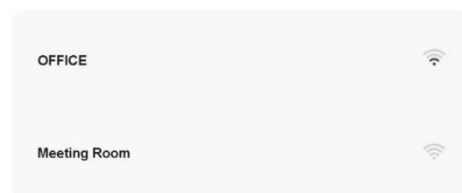
5.3 Adding devices

The smart radiator can be connected to Wi-Fi easily thorough below steps: Add Device--
Choose the Device -- Select a Wi-Fi Network



Select a Wi-Fi Network from the List

Choose Wi-Fi and enter password



If the smart electric radiator has been connected to Wifi successfully, the iron  will be shown on the display all the time.

6.USING THE APP

6.1 Home Overview

You can use the App to control multiple devices.All devices are displayed on the home screen with their status as right image.

6.2 Choose Mode

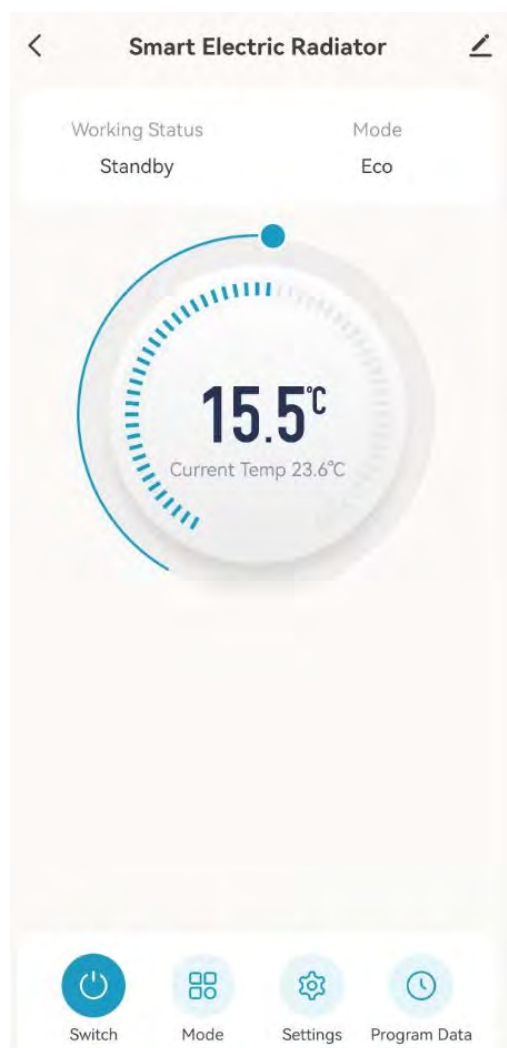
Tap the mode button on the interface to choose mode.The six options correspond to the six modes on the control panel. Comfort,Eco,Anti-Freeze,Program,Auto and Holiday mode.

6.2.1 Comfort &Eco Mode

In comfort and Eco mode,simply use the sliding dial to adjust the set room temp.

6.2.2 Anti-Freeze Mode

In anti-freeze mode,it is set to maintain a low room temperature for energy saving when you are absent from the house.7°C displays on the APP,it can't be adjustable.



6.2.3 Program Mode

Tap the program data icon on the control interface to configure a program.

A program consists of 24 hourly intervals for each day, which you can set to Comfort, Eco or Anti-freeze temperature.

Tap the interval to choose Comfort (green bar), Eco (blue bar) or Anti-freeze (orange bar). You can drag the start and end times of each mode block to make setting your program quick and easy.

7.DEVICE SETTINGS

Tap the setting icon to view and adjust the radiator's settings. This menu allows you to configure several settings not available through the control dial.

7.1 Child Lock

Use the toggle switch to lock or unlock the radiator display.  displays on the screen when the device is locked.

7.2 Temperature Compensation

You can adjust the temperature compensation in steps of 1°C, from -5~5°C.

7.3 High Temperature anti-scald

This allows you to set the temperature of the surface of the radiator to avoid high temperature.

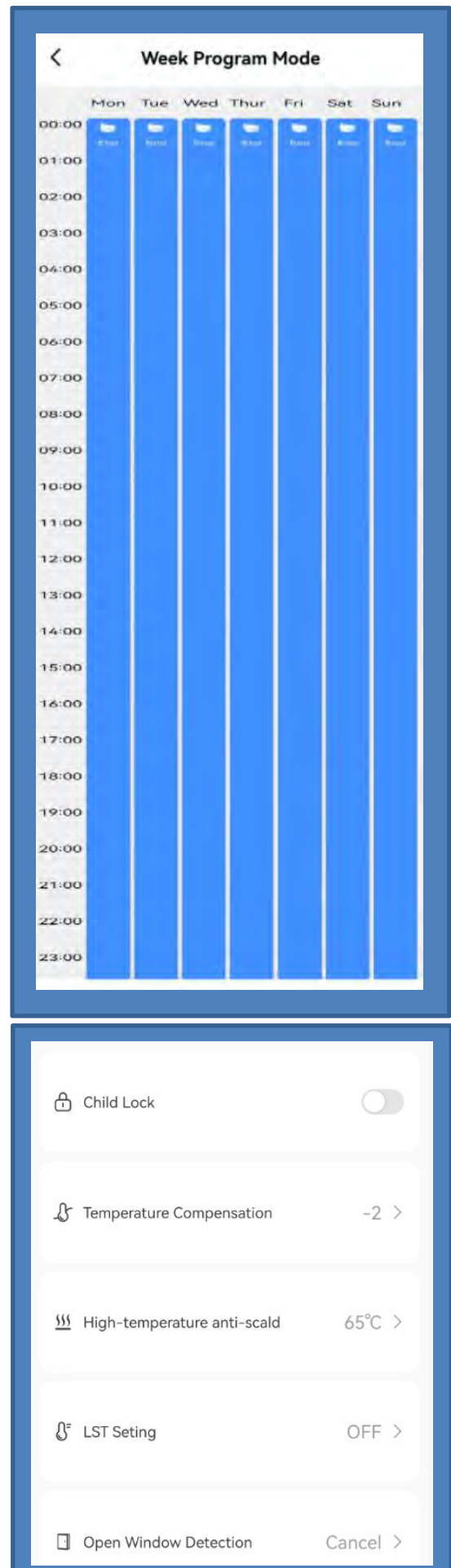
7.4 LST Setting

There are five options for LST settings: OFF, 40°C, 45°C, 50°C, 55°C.

The default set is off.

7.5 Open Window Detection

The icon  will appear and the radiator will switch to anti-freeze temperature to prevent energy wastage as heat escapes through the window.



8.DISPOSAL

In accordance with WEEE Directive 2012/19/EU, the icon with the crossed-out waste bin on electrical or electronic equipment stipulates that this equipment must not be disposed of with household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your local authority.

The separate collection of waste electrical and electronic equipment enables the re-use, recycling and other forms of recovery of waste equipment, and prevents any negative effects for the environment or human health.

Terms and Conditions

You must immediately remove all packaging, inspect the goods and notify us of any damage to the goods within 3 days of delivery. We shall have no obligation to replace or repair damaged goods in the event of failure by the Buyer to comply with this provision. Radiators which are off an unacceptable standard or are damaged must not be installed. If any items is installed it will be treated as being as accepted as received.

Damaged goods being returned will only be collected from your delivery address, unless otherwise agreed in writing. Any other goods, which we accept back, are to be returned by you to our place of business at your expense.

Items will be accepted as a return which have not been installed or damaged after delivery. We do not accept liability for any damages sustained after delivery. Goods should be returned in their original packaging, provided such packaging and goods are undamaged.

We may issue a credit note for goods which we accept as returned.

We may agree to provide you with replacement goods prior to collecting or receiving back the goods to be returned (whether faulty, damaged or otherwise) but only on the condition that: the replacement goods are paid for in full and we reserve the right to re-invoice you in the event that the returned goods are found to be in a worse condition than when they were originally received by you or where such goods have not been received back to us within 3 months of the replacement goods being received by yourselves. A re-stocking charge of 30% will be applied to all non-faulty stock items that wish to be returned. Special order and non-stock products cannot be cancelled. Where cancellation or alteration of orders is accepted by us, you may be required to pay a restocking charge, to cover administrative costs and collection costs (if applicable); such charges to be determined by us. If the goods we deliver are faulty or damaged, we will meet the cost of the return, as long as the fault is reported to us within 3 working days.

The goods will be deemed to have been accepted when they have been delivered and we may not accept claims for any visible defects found after installation.

We accept no liability for any cost incurred relating to the cost of installation.

We shall not be liable for any plumber's costs, decorator's costs, transport costs, late penalties, or any other costs, as a direct or indirect result of (i) any defect in the goods (including but not limited to any manufacturing faults, such as leaks, that become apparent on or after installation) or (ii) late delivery of the goods.

GUARANTEES AND LIABILITIES – we are not the manufacturer of this product we will take all reasonable endeavours to make over to you the benefit of any warranty or guarantee given by the manufacturers. The item must have been fitted in accordance with British and or European standards as well as these fitting instructions.