

INSTRUCTION MANUAL for BROCKWORTH ALL ELECTRIC TOWEL RAIL



Matt White



Matt Anthracite



Matt Black

INSTALLATION

- This product must be installed by a fully qualified engineer in accordance with the current version of BSEN7671.
- This product comes with a fitted Type B Wi-Fi Element and already fluid filled. The fitted element has IPX4 rating - only to be used in Zone 2 or 3.

MAINTENANCE

- From time to time it is advisable to clean your radiator with a warm damp lint free cloth. Never use any form of abrasive cleaner or chemical.

WARRANTY

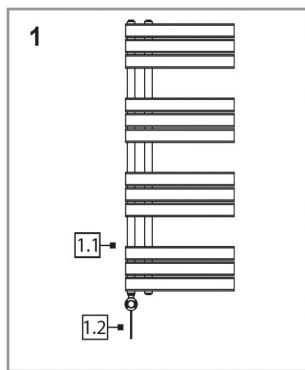
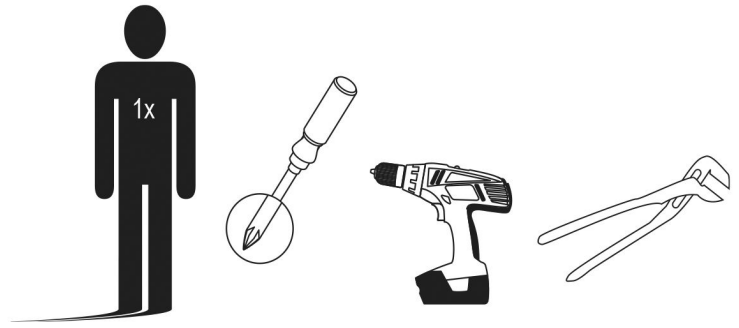
Your Brockworth All Electric Towel Rail has two years manufacturer's warranty in respect of defective materials and workmanship this is subject to installation being carried out by a qualified engineer in accordance with good practice.

IMPORTANT NOTES

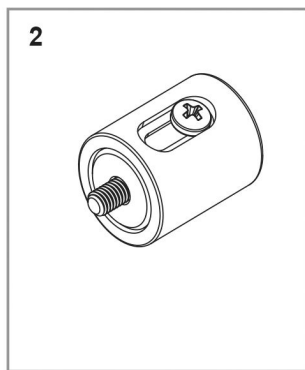
○ Check if the wall is strong enough to hold the weight of the radiator that is filled with fluid. The supplied wall plugs & screws are suitable for solid brick walls, not plasterboard walls.

○ Before turning the element on for the first time check the towel rail for leaks.

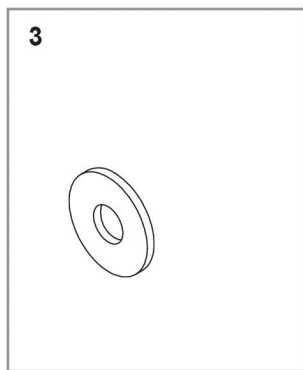
○ After first installation, switch on the element and warm the towel rail. As it heats, carefully open (anti-clockwise with a radiator key or small flat head screwdriver) the bleed screw to slowly release built up pressure. Use a cloth to capture any excess fluid. When all air is removed, close the bleed valve (clockwise) and wipe any excess fluid. Repeat this several times as the rail warms to release pressure until no fluid comes out.



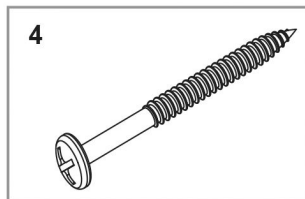
1x



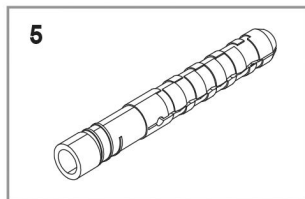
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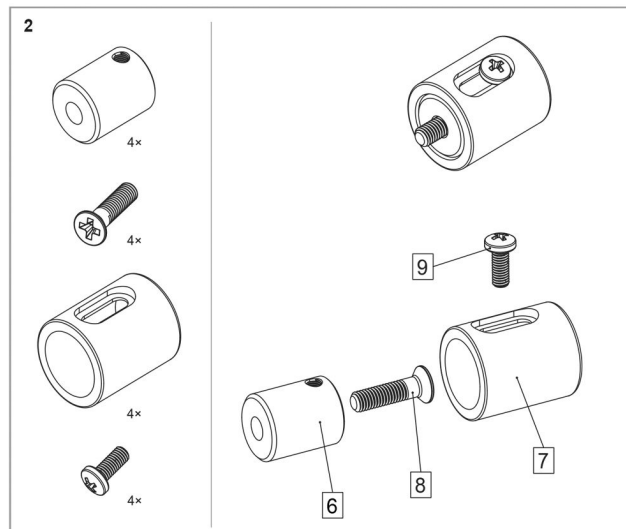
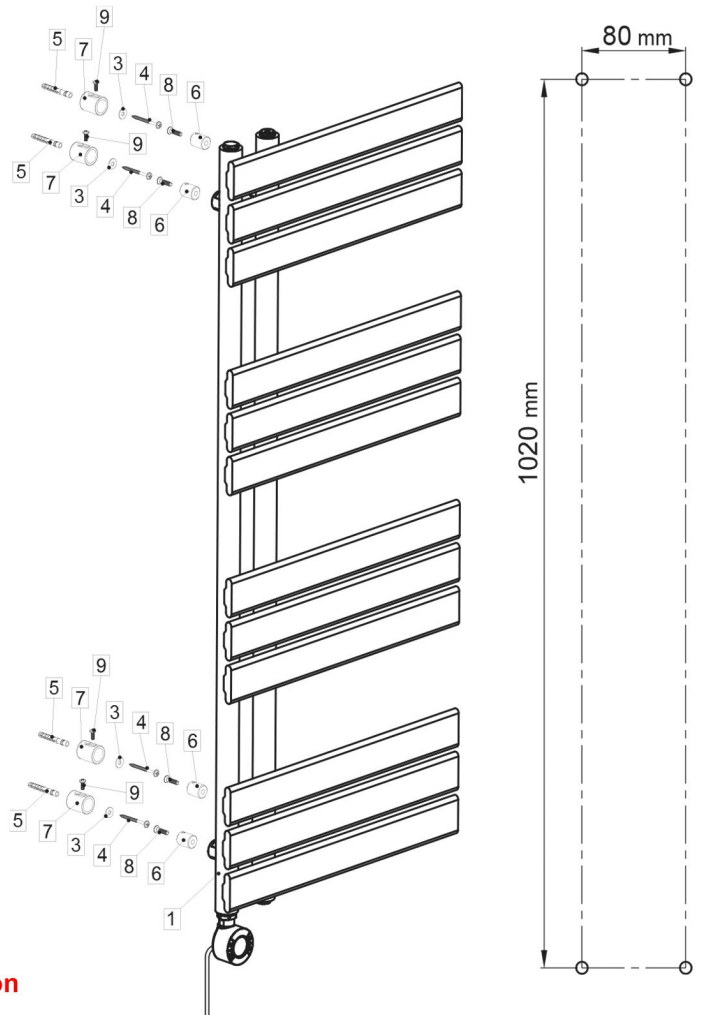
1x



1x



1x



The element comes built-in on the left hand side of the towel rail.

This towel rail cannot be fitted upside down!

Please check the separate instructions for the operation of the built-in Type B Wi-Fi Element.

TYPE B Wi-Fi Heating Element

Eastbrook Co
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Gloucester GL4 3DB

Tel: 01452 317800
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Email: sales@eastbrookco.com

www.eastbrooktrade.com

Important instructions

- Please read this manual carefully before use and keep for reference.

Intended use

- The device is intended exclusively for non-commercial operation as a heating device for small rooms.
- This product is not intended for commercial use. Generally acknowledged accident prevention regulations and enclosed safety instructions must be observed.
- Only perform work described in these instructions for use. Any other use is improper. The manufacturer will not assume responsibility for damage resulting from such use.

General safety instructions

- To operate this device safely, the user must have read and understood these instructions for use before using the device for the first time.
- Observe all safety instructions! Failure to do so may cause harm to you and others.
- Retain all instructions for use, and safety instructions for future reference.
- If you sell or pass the device on, you must also hand over these operating instructions.
- The device must only be used when it functions properly. If the product or part of the product is defective, it must be taken out of operation and disposed of correctly.
- Always ensure that a device which has been switched off can not be restarted unintentionally.
- Do not use devices with an on/off switch that does not function correctly.
- Keep children away from the device! Keep the device out of the way of children and other unauthorized persons.
- Do not overload the device. Do not use the device for purposes for which it is not intended.
- Ensure that children are not able to play with the device.
- Always comply with all applicable domestic and international safety, health, and working regulations.

Electrical safety

- The device may only be fitted by a fully qualified electrician in accordance with the current version of BS7671
- The fuse must be a residual current circuit breaker with a measured residual current of no more than 30 mA.
- Make sure that the power supply corresponds with the connection specifications of the device before it is connected.
- The tool may only be used within the specified limitations for voltage and power (see type plate).
- Do not bend, crush, pull or drive over the power cable, protect from sharp edges, oil and heat.
- Do not **lift** the device using the cable or use the cable for purposes other than intended.
- If the power cable is damaged immediately disconnect the plug. Never use the device if the power cable is damaged.
- Disconnect the power supply before transporting the device.
- If the power connection cable of this device is damaged, it must be replaced by the manufacturer or the manufacturer's customer service department or a similarly qualified person to prevent risks.

Device-specific safety instructions

- To operate this product safely, the user must have read and understood these instructions for use before using the product for the first time.
- Always keep the operating instructions within reach.
- If you sell or pass on the device, you must also pass on these operating instructions.
- When working on walls, ceiling, or floors, pay attention to any installed cables as well as gas and water

lines.

- The product heats up during operation. Risk of injury!
- The device may not be covered. There is danger of fire.
- Do not use the heater in conjunction with a timer or any other switch capable of automatic activation, as this creates a fire hazard.
- The heater must not be positioned beneath a wall socket.
- Do not use adapters or extension cords.
- This appliance can be used by children aged from 8 years and above and by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Children shall not play with the appliance.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance if 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.
- **CAUTION!** Some parts of this product can become very hot and cause burns. Particular attention must be given to children and vulnerable people.
- **WARNING:** This appliance is intended only for drying textiles wet with water.
- Symbols appearing on your device may not be removed or covered. Signs on the device that are no longer legible must be replaced immediately.

Technical Data

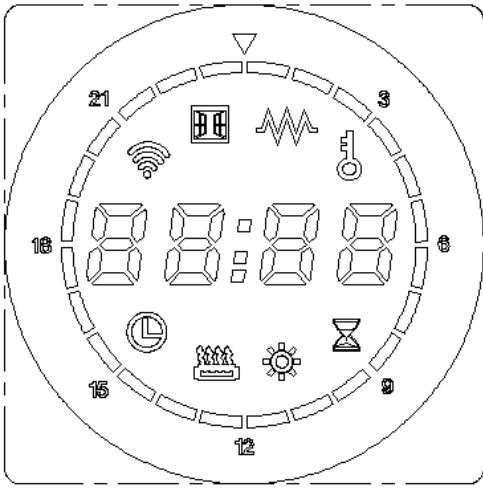
| | |
|---------------------|-----------------------|
| Power supply | 220-240 V, 50 Hz |
| Data transmission | WiFi IEEE 802.11b/g/n |
| Radio frequency | 2.400~2.4835GHz |
| Radio strength | 56 mW |
| Typical radio range | 50 m (free field) |
| Protection class | IPX4 |

Description:


1.Basic instructions:


- a) Power specification: AC230V/50HZ
- b) Operating temperature range: 0~55°C
- c) Set temperature range: 30~70°C
- d) Time mode: 24-hour
- e) Week mode: Digital display 1~7
- f) System mode: Free, Schedule, Constant temperature, Timing


2.LCD Display:





3. Icon display instructions:


3.1 Free mode: Temperature can be set separately, shown as , the adjustable range is 30°C~70°C.


3.2 Constant temperature mode: Temperature is not adjustable, shown as , the temperature is fixed as 50°C.

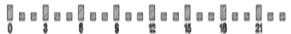
3.3 Timing mode: The temperature is fixed as 65°C, shown as , drying time can be adjustable, the adjustable range is from 30 minutes to 8 hours.

3.4 Schedule mode: Timing function, shown as .


3.5 Time and temperature display: Display setting temperature and time, shown as 


3.6 Heating function: The heater is working, shown as .


3.7 Child lock: Unable to operate any keys (except on and off), shown as .


3.8 Timeline: Timing time can be adjusted, adjusting range is 0~23H, shown as .

3.9 Keys description:


 on and off (upper left)

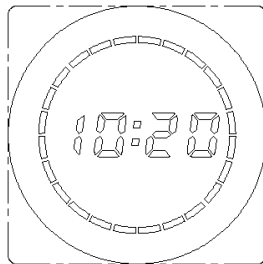
 add (upper right)

 function (lower left)

 minus (lower right)

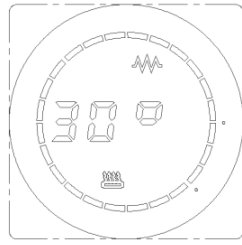
4. Mode operation instructions:

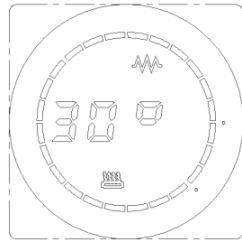






4.1 Boot up: Short press  to enter from shutdown state to boot state (in the shutdown state, short press any other button



products will not react). Shutdown display time, shown as

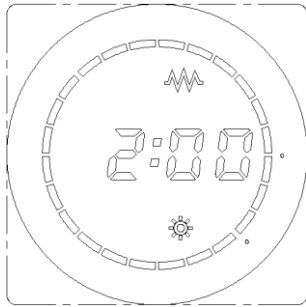
4.2 Free mode

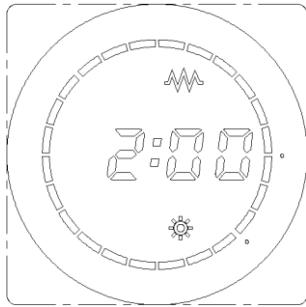








Shown as , short press  or  to set the temperature in free mode, short press  to increase the temperature, short press  to decrease the temperature, 1°C by one step. Long press  or  3s will have acceleration function.


In the free mode, if you press , controller will be switched to timing mode .

4.3 Timing mode

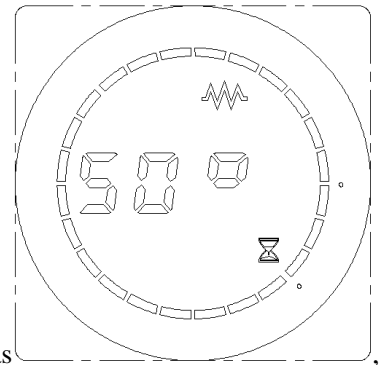


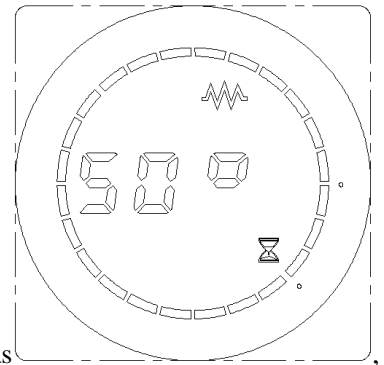
hours.shown as 

Short press  or  to set timing mode time, short press  to increase time, short press  to decrease time,30 minutes by one step. Long press  or  3s will have acceleration function.

In the timing mode, if you press , controller will be switched to constant temperature mode.

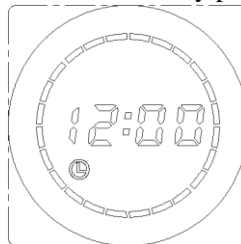
4.4 Constant temperature mode

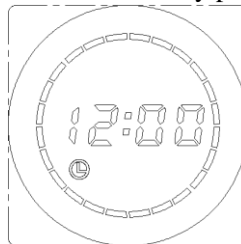


The heating temperature is fixed in 50°C, shown as , temperature cannot be changed in this mode.

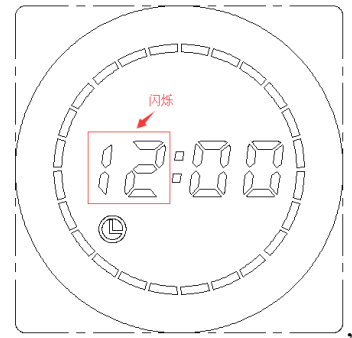
In the constant temperature mode, if you press , controller will be switched to schedule mode.

4.5 Schedule mode



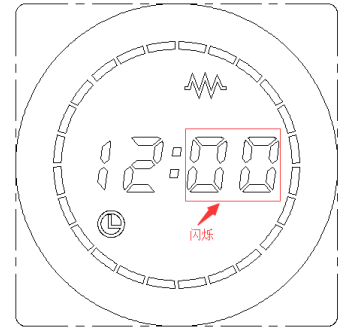
Schedule mode allows for time, week, and weekly program setting, in the first use of equipment (or in a power off status), you should set time, week at first. Shown as 

Flash



4.5.1 Time setting: Long press **MENU** 3s to enter time setting, firstly set as an hour, shown as , short

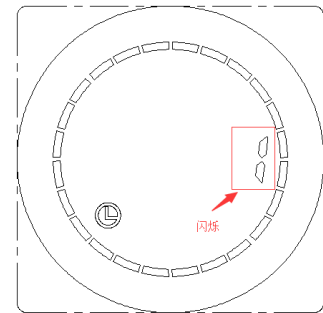
press or to adjust the clock time, adjusting range is 0~23H, 1 hour by one step, long press or 3s will have acceleration function. (No operation within 30s will exit time setting and enters minute setting).



After hour setting is complete **Flash** short press **MENU** ,the minute time “00” flashes (flash by 0.5s). Shown as

Short press or to adjust minute, adjusting range is 0~59 min, 1min by one step, long press or 3s will have acceleration function.

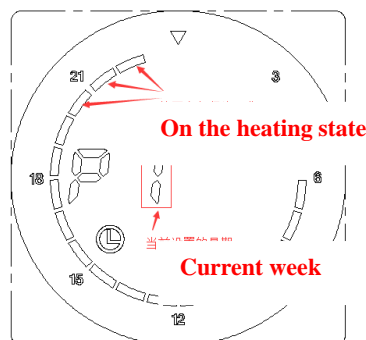
After setting the time, short press **MENU** to enter week set (No operation within 30s will exit time setting and enters week set).



4.5.2 Week Flash **1g:** To enter week set, the last number flashes (flash by 0.5s), shown as


Short press or to set the week, adjusting range is 1~7 day,1 day by one step, long press or 3s will have acceleration function; 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday.

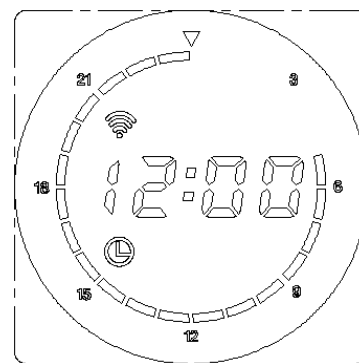
After setting up the week, short press **MENU** to enter weekly program setting (No operation within 30s will exit week setting and enters weekly program setting).



4.5.3 Weekly setting: To enter weekly program, shown as


Short press **MENU** can view the Setting for the rest of the week, timeline shows () Indicates that the current period is heating ,timeline








shows  (blank) indicates that the current period is not heating. The following photo defaults the setting from Monday to Sunday.






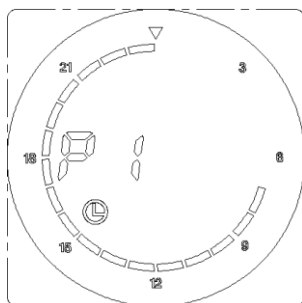
Monday to Sunday: Heating status from 5:00- 23:59 (Other times are not in the heating state)

After setting Monday, short press  to enter Tuesday, until Sunday.


After setting day program, short press  to enter running state (No operation within 30s will exit day program and enters running state).



4.5.4 Weekly program modification: Long press  3s to enter weekly program modification, short press  or  to set the weekly program, short press  indicates that the current period is heating,  flash 3s, dark 1s; short press  Indicates that the current period is not heating,  dark 3s, flash 1s, increase 1H by one step, flashes in the setting time, loop setting when rising to 23H.

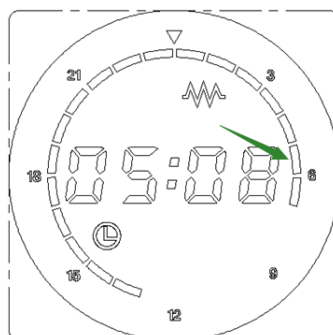
For example: Adjust Monday weekly program in the heating status from 07:00 to 23 :00 (not heating at other times). You should long press  3s when controller is in the Monday weekly program(P1), then press  from 07 :00 to 23 :00, press  for other times,



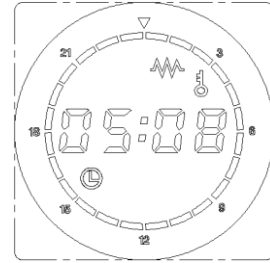
shown as







After adjusting, short press  to exit setting and continue day program (No operation within 30s will automatically exit weekly program modification)





4.5.5 Running state: Running state will show the setting time, timing mode shows controller is in the weekly program .When the current time is in working state,  will be on for 3 seconds and off for 1 second; When not working,  will be off for 3 seconds and on for 1 second. If the product is in working state, the heating icon lights up.



For example: The current time is 05:08, shown as green arrow , on for 3 seconds and off for 1 second.



4.5.6 Child lock : Press  and  in the boot state at the same time, shown as , unable to do any operation in child lock mode (except on and off), under child lock, press  and  3s at the same time can open the lock.

4.5.7 Restore factory Setting: In the shutdown state, after long press  10s, system will automatically starts to restore the factory settings, full screen with 3s, then enter shutdown, press  to restart the system, the normal temperature in restore factory setting is 30°C, heating time is 2 hours, time shown as "12:00", week shown as "1", temperature compensation shown as "-2", temperature compensation defaults to -2°C, short press  or  can set the temperature compensation, the range is from 5°C to -5°C, 1°C by one step.

Exception code description:

| Screen display | Possible failure | Solution |
|----------------|--|--|
| Er | Temperature sensor open circuit or short circuit | Temperature sensor failure, change the heating element or controller |

5. Control via App

5.1 Download App

Scan the QR code as below, get and install Smart Life App for IOS and Android system.

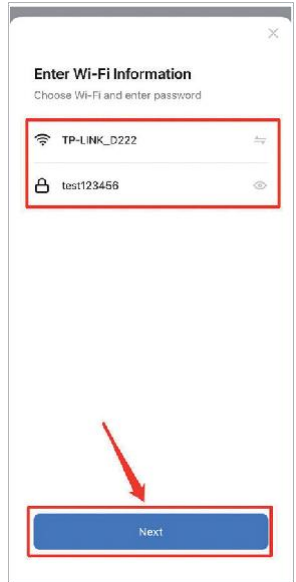
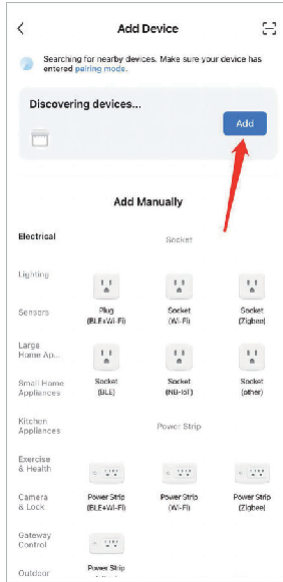
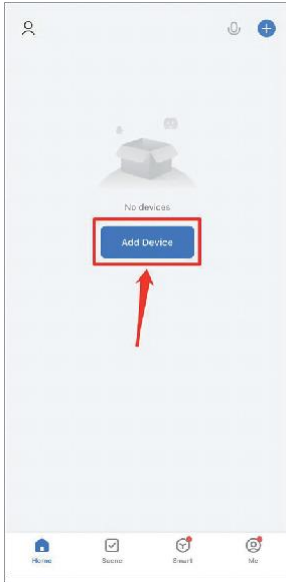


5.2 Connecting Bathroom Radiator with the app

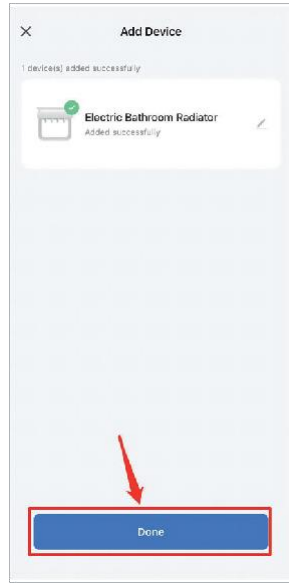
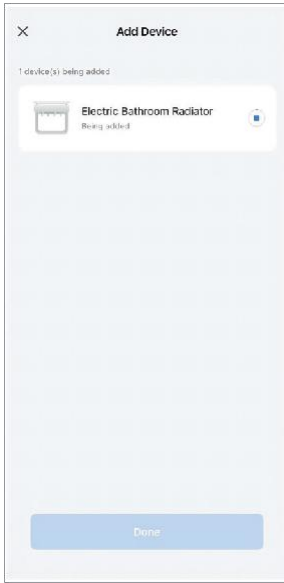


1. When the device is off (display shows only the time, not the temperature), press the **[MENU]** button until the countdown starts. In the meantime, the app adds the device according to the prompt.

2. Open the Smart Home app and press the “+” sign in the upper right corner. Alternatively, select the desired room and press “Add device”. The app will automatically search for the bathroom radiator. Then follow the instructions in the app.



3. Click Next to add the full app control page.



Distribution network successfully explicit PASS.



Distribution network failed to display FAIL.

HELPLINE

01452 317890

Monday-Friday

8.00 to 17.00

technical@eastbrookco.com