

Towel Rail Flat Chrome with WIFI Thermostat Controller

Stock Ref. No: 418119 – 150W / 418120 – 250W / 418121 - 400W



Installation Instructions

Important Information

Installation should be carried out by a qualified professional or other fully competent person and should be installed in accordance with the relevant British and European Standards.

PLEASE ENSURE THAT YOU WEAR ALL NECESSARY PERSONAL PROTECTIVE EQUIPMENT FOR YOUR SAFETY.

Please check that all components are present and that you are ENTIRELY happy with the size, design and finish BEFORE starting installation.

THIS TOWEL WARMER HAS BEEN PRE-FILLED AND ADJUSTED FOR ELECTRICAL STAND-ALONE USE. NO FILLING IS REQUIRED; DO NOT REMOVE ANY OF THE SEALS AS THIS MIGHT CAUSE LEAKAGES AND VOID THE WARRANTY.



IMPORTANT NOTE: The heating element/Controller must always be located at the bottom right-hand side of the towel rail. NEVER at the top.

Pack Contents

1 x Electric Towel Warmer with controller fitted.
4 x Bracket Base
4 x Bracket Stem

4 x Bracket Front
4 x Bracket Cover
4 x Wall Plug

4 x Wall Screw
4 x Washer
4 x Bracket Screw
4 x Mini Screws

WARNINGS

**Please read all these instructions carefully before installing and using this device.
Save these instructions for future use.**

1. Before use, check that the supply voltage matches the voltage stated on the product rating label.
2. Always isolate the appliance from the mains supply before cleaning, maintenance or installation work.
3. This appliance must be connected to a suitably earthed electricity supply in accordance with current wiring regulations.
4. The appliance must be permanently connected to the electrical supply via the cable provided and through a suitable fused connection unit. Where the appliance is connected directly to the mains supply without a plug, an all-pole disconnection device must be provided.
5. The wires must be connected in an electrical connection box that complies with applicable standards.
6. If installed in a bathroom, the appliance must be positioned so that switches and other controls cannot be touched by a person in the bath or shower. The fused connection unit must also be located out of reach of persons using the basin, shower or bath.
7. To avoid a hazard to very young children, this appliance must be installed so that the lowest heated rail is at least 600 mm above the floor.
8. The appliance will become hot during use. CAUTION: Some parts of this product can become very hot and may cause burns. Particular attention must be given where children or vulnerable persons are present.
9. This appliance may be used by children aged 8 years and above, and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, provided they have been given supervision or instruction concerning safe use of the appliance and understand the hazards involved.
10. Children must not play with the appliance.
11. Children under 3 years of age must be kept away from the appliance unless continuously supervised.
12. Children aged from 3 years and under 8 years may only switch the appliance on or off, provided it has been installed in its intended normal operating position and they have been given supervision or instruction concerning safe use of the appliance and understand the hazards involved.
13. Children aged from 3 years and under 8 years must not plug in, adjust, clean, or carry out user maintenance on the appliance.
14. Cleaning and user maintenance must not be carried out by children without supervision.
15. The heater must not be located immediately below a socket-outlet.
16. If the supply cord is damaged, switch off the appliance and do not use it. The cord must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
17. This heater is filled with a precise quantity of special oil. Repairs requiring the oil container to be opened must only be carried out by the manufacturer or its service agent. The manufacturer or service agent must be contacted in the event of an oil leak.
18. Regulations concerning the disposal of oil must be followed when scrapping the appliance.

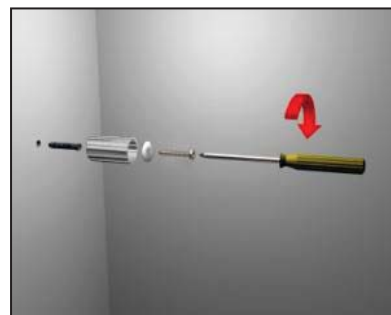
A - Fitting the towel rail to wall

STEP 1

Select your desired mounting position and check that the wall is sufficiently strong enough to hold the weight of the towel warmer filled. A gap of 50mm (Min), should be left each side of the unit. It is recommended that the base of the rail should be mounted 600mm (Min), above the floor. Mark your preferred bracket positions on the wall and drill holes as necessary for the fixings that you are using. The wall plugs supplied are only suitable for solid walls. Please note: If the wall is other than a solid construction other means of fixings will be required.



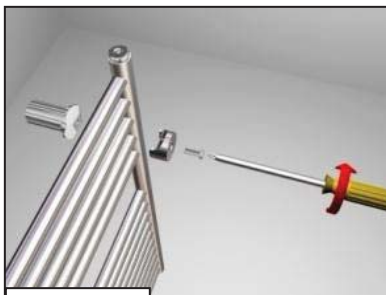
STEP 1.



STEP 2.

STEP 2.

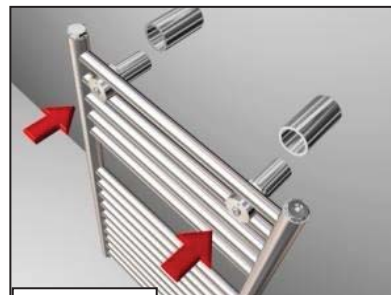
Screw the bracket base to the wall using the wall screws and washers provided.



STEP 3.

STEP 3.

Loosely fit the bracket stems to the towel warmer with the bracket fronts and bracket screws.



STEP 4.

STEP 4.

Align the bracket stems with the bracket bases and push the towel warmer back into position.



STEP 5.

STEP 5.

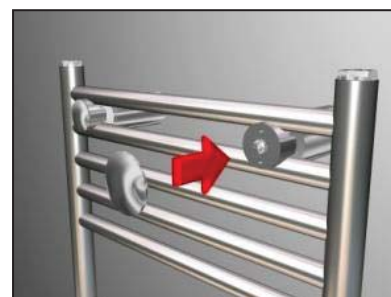
Tighten the bracket screws with a screwdriver.



STEP 6.

STEP 6.

Insert the mini screws into the bracket bases and tighten with a screwdriver to lock bracket into position.



STEP 7.

STEP 7.

Push the cover caps into position on the bracket fronts.

Make sure the controller section is protected during the installation process. DO NOT put the weight of the rail on the controller, Keep the towel rail flat until it is ready to be fitted to the wall.

B - Wiring the towel rail / Electrical Installation



All wiring must be carried out in accordance with the current I.E.E. Wiring Regulations, or the appropriate standards applicable in your country, and must be installed by a suitably qualified person.

WARNING: The towel rail and any ancillary control equipment must be isolated from the power supply during installation, cleaning or maintenance.

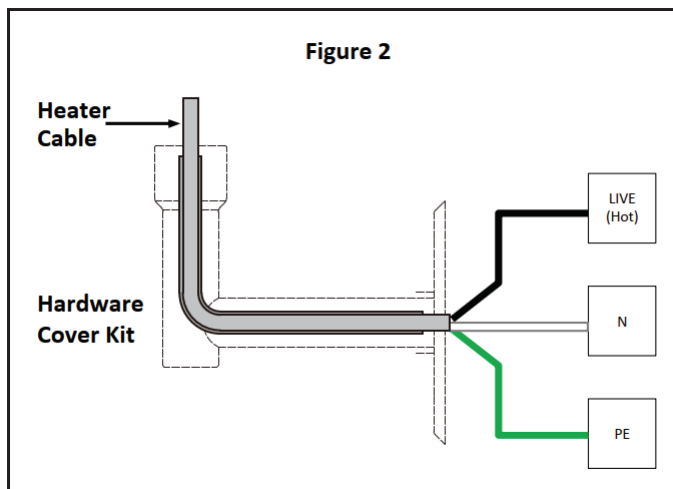
IMPORTANT: This towel rail must be earthed.

The towel rail must be permanently connected to a suitable 220–240V~ 50-60Hz single-phase electricity supply. The connection must be made via a suitable fused connection unit and an electrical connection box that complies with applicable standards.

A local isolator switch must be provided, capable of disconnecting all poles from the supply, with a contact separation of at least 3 mm.

All protection devices and ratings, including fuses, must comply with national and local electrical regulations.

Connect the power supply cable to the mains supply as follows:



Where a hardware cover kit is supplied and fitted, apply a suitable waterproof sealant between the element base and the top cup of the hardware cover to help maintain protection against water ingress. Follow the sealant manufacturer's instructions.

If installed in a bathroom, the fused connection unit must be located out of reach of persons using the basin, shower or bath. If in doubt, consult a qualified electrician.

C - Thermostatic Controller user instructions

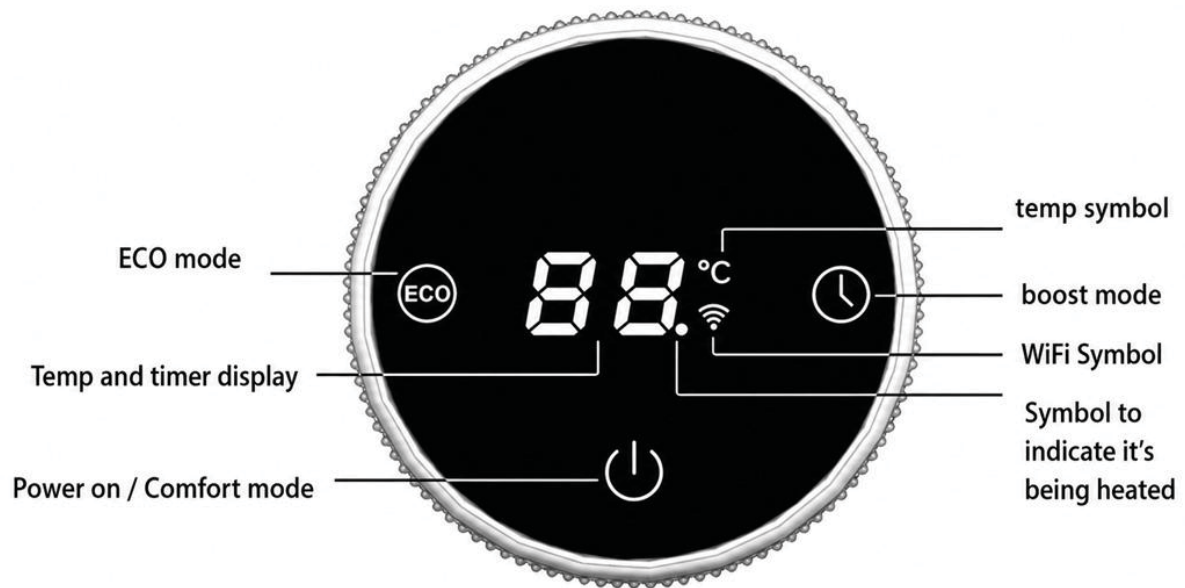
1. Basic Information

1.1 Power Specification: AC 220-240V / 50-60Hz

1.2 Temperature Setting Range: 7~30°C

1.3 System Modes: Comfort Mode, Eco Mode, Boost Mode, Weekly Schedule Mode

2. Panel Display



3. Operating Instructions

3.1 Power On:

Short press the power button “” to enter Comfort Mode. (When powered off, pressing any other button has no effect.)

3.2 Screen Sleep Mode:

The screen will go to sleep after one minute of no operation, showing a dot flashing indicator.



3.3 Comfort Mode:

- **3.3.1** Short press “” to enter Comfort Mode. Default temperature is 19°C.



- **3.3.2** Rotate clockwise to increase, counterclockwise to decrease. Adjustable range: 7~30°C in 1°C steps.
- **3.3.3** Heating icon blinks when heating is active. It does not display when heating is off. In sleep mode, it continues blinking. Touch any button to wake the display.

3.4 Eco Mode:

- **3.4.1** Short press “” to switch to Eco Mode. Default temperature is 16°C.



- **3.4.2** Adjustable range: 7~27°C. (Note: If Eco temperature is set less than 3°C lower than Comfort mode, Eco mode temperature can only be lowered, not raised.)
- **3.4.3** Same heating indicator behaviour as Comfort Mode.

3.5 Boost Mode:

- **3.5.1** Short press “” to enter Boost Mode. Heats to a fixed 35°C for a default of 2 hours.



- **3.5.2** Adjustable timer: 1~9 hours in 1-hour steps. Auto shut-off after timer ends.
- **3.5.3** Same heating indicator behaviour.

3.6 Weekly Schedule Mode *(available only via app when device is connected to Wi-Fi):*

- **3.6.1** Set weekly schedule with Comfort and Eco temperature settings via the app.



- **3.6.2** P1~P7 correspond to Monday–Sunday. Default schedule:
 - o 00:00–04:59 → Eco Mode
 - o 06:00–23:59 → Comfort Mode
- **3.6.3** Tap a period to change its colour or press and drag to set the schedule. App setting is only available after the device is connected to the network.



- o Yellow = Eco temperature
- o Green = Comfort temperature
- **3.6.4** The heating indicator flashes during heating and is hidden when heating is inactive. In sleep mode, the indicator continues to flash. Press any button to wake the display.

3.7 Child Lock Function:

- Press and hold  +  for 3 seconds to enable/disable child lock. All buttons are disabled while locked.



3.8 Open-Window Detection Function:

- When triggered, device switches to 7°C heating. (See section 5.2 for details.)



4. Network Setup Instructions

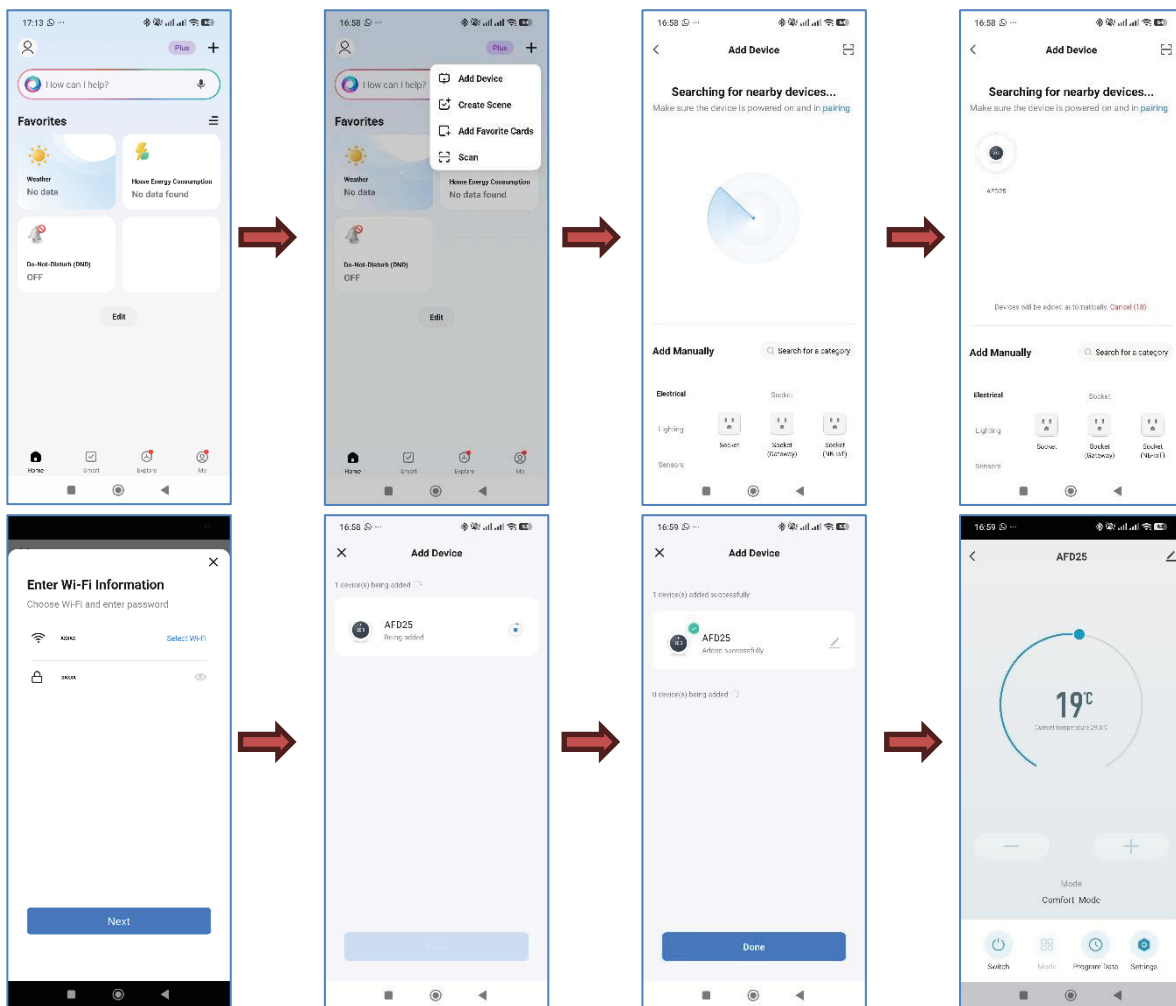
Download the **Smart Life** app from the Android or iOS store or scan the QR code to install. Create an account.



4.1 While device is off, long press the  button for 3 seconds. Device enters pairing mode for 99 seconds.



4.2 Open the app and ensure both Wi-Fi and Bluetooth are enabled. Tap the “+” icon and select “Add Device”. The app will automatically discover the device. Select the detected device, enter your Wi-Fi network name and password, and follow the on-screen instructions. Once pairing is complete, the setup is finished and the app is ready to use.



4.3 Successful connection shows **PS**.



4.4 Failure to connect shows **FL**.



5. Internal Parameter Settings

While off, long press the “” button for 5 seconds to enter settings. Short press  to cycle modes:

- **F0:** Temperature Compensation
- **F1:** Open-Window Detection
- **F2:** Wi-Fi Toggle
- **Exit** settings

5.1 F0 - Temperature Compensation:

- Adjustable range: -8 to +8°C in 1°C steps. Default: -2°C



5.2 F1 - Open-Window Detection:

- Options: OFF / 60min / 90min (default: OFF)



- Explanation:
 - If ambient temperature drops by 2°C within 5 minutes while heating, device switches to 7°C for 60 or 90 minutes.
 - If it drops again, repeats the 7°C heating cycle.

5.3 F2 - Wi-Fi Switch:

- Clockwise = ON, Counterclockwise = OFF
- Default: ON. Must be ON to use app features.



6. Error Codes

Condition	Display
Temperature sensor open circuit or short circuit	"Er" will be displayed

7. Factory Reset

While device is on, press and hold “” for 5 seconds. Device resets all settings, shows full screen for 3 seconds, then shuts down.

Default settings after reset:

- Comfort Mode: 19°C
- Eco Mode: 16°C
- Boost Mode: 2 hours
- Temperature Compensation: -2°C
- Open-Window Detection: OFF
- Wi-Fi: ON
- Weekly Program: Default schedule (see 3.6.2)

D - Care and Maintenance

- Regular cleaning with a soft cloth will keep the surfaces of your towel warmer looking new.
- Heating element controller should be cleaned with a dry soft cloth.
- Do not use abrasive or chemical cleaners to clean your towel warmer as these will damage the surface finish over time.

E - ERP Technical Product Data

1. For 418119, 150W Towel Rail Flat Chrome with WIFI Thermostat Controller

Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P _{nom}	0.150	kW	single stage heat output and no room temperature control	No
Minimum heat output (indicative)	P _{min}	0.150	kW	two or more manual stages, no room temperature control	No
Maximum continuous heat output	P _{max,c}	0.150	kW	with mechanic thermostat room temperature control	No
Power consumption				with electronic room temperature control	No
In off mode	P _o	0.00	W	electronic room temperature control plus day timer	No
In standby mode	P _{sm}	0.22	W	electronic room temperature control plus week timer	Yes
In idle mode	P _{idle}	0.73	W	Other control options (multiple selections possible)	
In network standby	P _{nsm}	0.73	W	room temperature control, with presence detection	No
Standby mode with display information or status			No	room temperature control, with open window detection	Yes
Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	94.0	%	distance control option	Yes
				adaptive start control	No
				working time limitation	Yes
				black bulb sensor	No
				self-learning functionality	No
				control accuracy	No

2. For 418120, 250W Towel Rail Flat Chrome with WIFI Thermostat Controller

Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	0.250	kW	single stage heat output and no room temperature control	No
Minimum heat output (indicative)	P_{min}	0.250	kW	two or more manual stages, no room temperature control	No
Maximum continuous heat output	$P_{max,c}$	0.250	kW	with mechanic thermostat room temperature control	No
Power consumption				with electronic room temperature control	No
In off mode	P_o	0.00	W	electronic room temperature control plus day timer	No
In standby mode	P_{sm}	0.22	W	electronic room temperature control plus week timer	Yes
In idle mode	P_{idle}	0.73	W	Other control options (multiple selections possible)	
In network standby	P_{nsm}	0.73	W	room temperature control, with presence detection	No
Standby mode with display information or status			No	room temperature control, with open window detection	Yes
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	94.0	%	distance control option	Yes
				adaptive start control	No
				working time limitation	Yes
				black bulb sensor	No
				self-learning functionality	No
				control accuracy	No

3. For 418121, 400W Towel Rail Flat Chrome with WIFI Thermostat Controller

Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P _{nom}	0.400	kW	single stage heat output and no room temperature control	No
Minimum heat output (indicative)	P _{min}	0.400	kW	two or more manual stages, no room temperature control	No
Maximum continuous heat output	P _{max,c}	0.400	kW	with mechanic thermostat room temperature control	No
Power consumption				with electronic room temperature control	No
In off mode	P _o	0.00	W	electronic room temperature control plus day timer	No
In standby mode	P _{sm}	0.22	W	electronic room temperature control plus week timer	Yes
In idle mode	P _{idle}	0.73	W	Other control options (multiple selections possible)	
In network standby	P _{nsm}	0.73	W	room temperature control, with presence detection	No
Standby mode with display information or status			No	room temperature control, with open window detection	Yes
Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	94.0	%	distance control option	Yes
				adaptive start control	No
				working time limitation	Yes
				black bulb sensor	No
				self-learning functionality	No
				control accuracy	No



This product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority for recycling advice.