



WIFI WALL HEATER

TCP Smart Wifi app-controlled Wall Heater is a perfect for quickly heating your room. Perfect for bathrooms and home office environments. The powerful 2000W ceramic heater is installed directly to the wall and is powered through a 13A socket. Exceptional style and size provides the perfect heating solution. The Smart features allow for full voice via Alexa and Google or direct control via the TCP Smart App. You can set schedules and times and accurately control your desired heating temperature through the electronic thermostat. Provided with a handy remote control especially if installed at a high level. Save money through efficiently heating the room and not the home.

This product is only suitable for well insulated spaces or occasional use.

USER INSTRUCTIONS

MODEL

SMAWHHEAT2000WHOR705

POWER

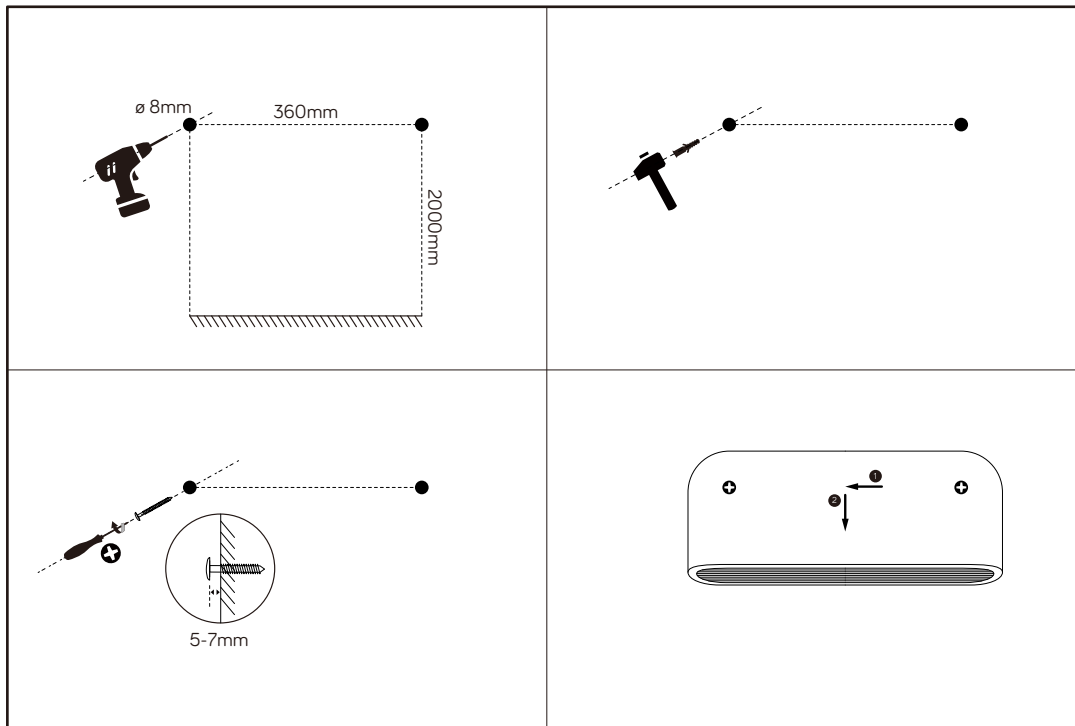
AC230V 50-60Hz 2000W Class II

IMPORTANT: These instructions are for your safety. Please read thoroughly before use and retain for future reference.

If you are in any doubt about installing this product, consult a qualified electrician.

INSTALLATION INSTRUCTIONS

This product is suitable for indoor use only. It is IP22 rated. Cannot be used underwater. Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (eg metallic surfaces).



1) Drill holes on the wall according to the above instruction.

Warning: Be sure to keep the safety distances as shown on the above drawing.

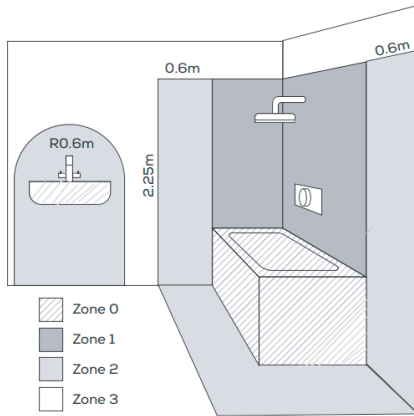
2) Fit the plastic wall plugs into the drilled holes and fit the screws.

3) Hang the unit on the screws gently.

Warning: Before using the heater, make sure it's mounted tightly on the wall.

LOCATION OF INSTALLATION

This product can be installed in a bathroom but only in the area designated by the IP rating – Zone 3 – see location information below.



Suitable for indoor only. This product is rated as IP24. If the product is to be installed within a bathroom it can only be located within zone 3.

Zone 0

The area inside a bath or inside the shower
This area requires low voltage and an IP67 rating.

Zone 2

An area stretching 0.6m (1' 11") outside the perimeter of the bath and to a height of 2.25m (7' 4") from the floor. In addition, it is good practice to consider the area around a wash basin, within a 60cm (1' 11") radius of any tap to be considered as zone 2

Zone 1

The area above the bath to a height of basin. 2.25m (7' 4") from the floor. If the light is 240V then a 30ma residual current device (RCD) must also be used to protect the circuit in this zone.

Zone 3

Anywhere outside Zones 0, 1, and 2 and where no water jet is likely to be used. If there is a likelihood of water jets being used for cleaning purposes in zones 1, 2 and 3 a fitting rated a minimum of IP65 must be used.

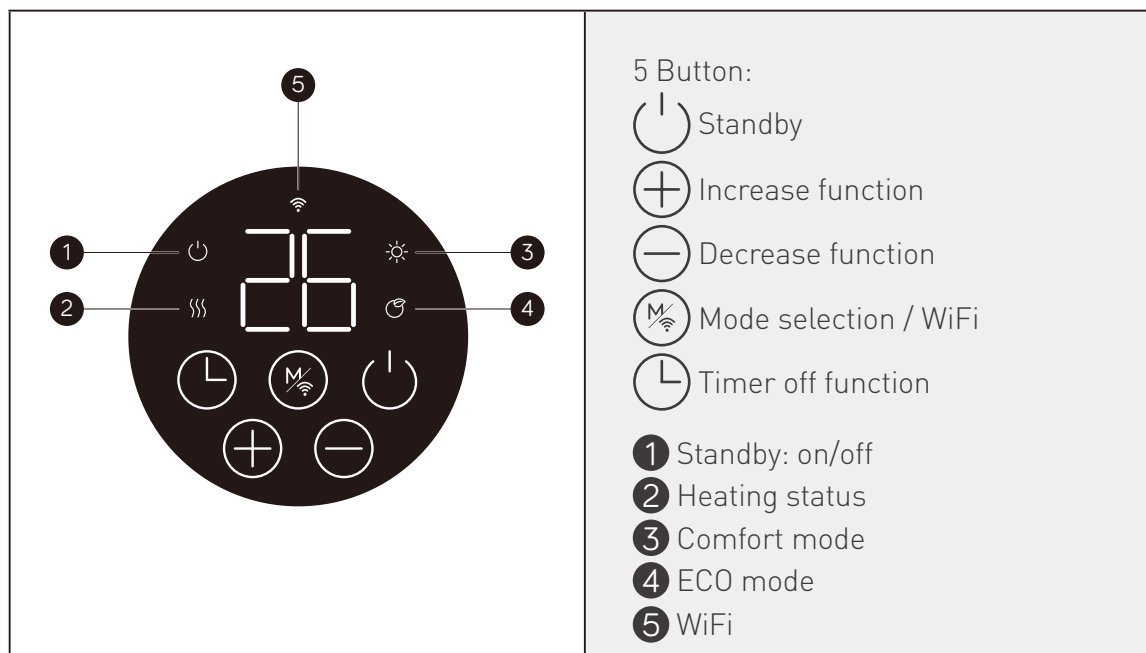
SAFETY INSTRUCTIONS (to be read before operating the heater).

1. Before using set the power-level switch which is located at the back of the heater to "I". Please note: there may be a trace of odour during the first few minutes of initial use, or after a period of storage. This is normal and will quickly disappear.
2. **CAUTION:** Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present. Children 3 years and younger should be continually supervised when in close proximity to the heater. Children aged from 3 to 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 to 8 year shall not plug in, regulate and clean the appliance or perform user maintenance.
3. Keep the power cord away from the hot body of the heater.
4. Indoor use only.
5. Do not use the heater in areas where flammable liquids are stored or where flammable fumes may be present.
6. Do not use this heater if it has been dropped;
7. Do not use if there are visible signs of damage to the heater;
8. Do not leave the heater switched on when your property is vacant.

WARNINGS

- Always use the heater in an upright position.
- If the supply cord is damaged, it must be replaced by the manufacturer, their service agent or a similarly qualified person in order to avoid a hazard.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- In order to avoid a hazard due to inadvertent resetting 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.
- Do not use this heater if it has been dropped.
- Do not use if there are visible signs of damage to the heater.
- Use this heater on a horizontal and stable surface, or fix it to the wall, as applicable.
- **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- **WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.

CONTROL PANEL



OPERATING THE RADIATOR

Manual Settings using the LED screen

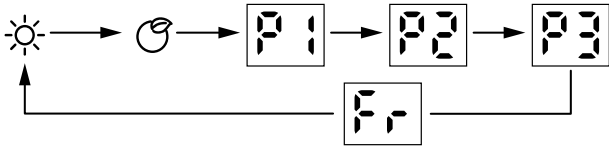
Choose a suitable location for the Heater, taking into account the safety instructions above.

ON/OFF BUTTON




Press once to turn the device on. Press again to turn the device off. Turn off device from heating condition, there would be 60 seconds countdown of fan blowing to emit inside heat, then it turn off completely. This feature can be performed using the TCP Smart App.


MODE SELECTION



Press this button to cycle between the following options:



Press  to enter mode selection. By pressing , the heating mode runs in a continuous cycle as above:


 **Comfort mode:** Press  and  to set the temperature from 10-35°C.

 **ECO mode:** This is pre-set as 4 °C below comfort mode.

 **Anti-frost mode.** To avoid damage to the product during extreme cold weather use anti-frost mode. The heater must be turned on and Anti Frost mode selected for this function to work. The screen will display . The target temperature is 7 °C. The temperature cannot be adjusted.

 **Pre-programmed scheduling** – Select to run the programme as stated below.


 **Pre-Programmed scheduling** - Select to run the programme as stated below.

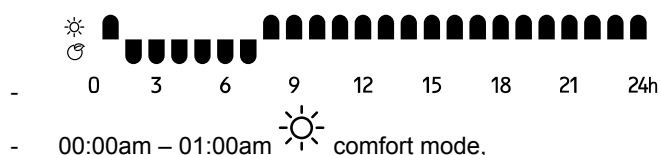
 **Programmable scheduling** – Select to create a programme to suit your own requirements.



This feature can be performed using the TCP Smart App.

P1, P2 and P3 Programmed scheduling – 

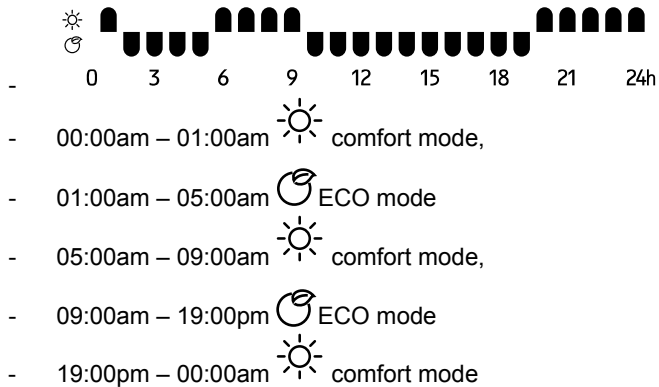
- Note: Clock and day of the week setting must be done for the below scheduling to work.

 (Monday-Sunday) Pre-programmed schedule. Please note: this schedule cannot be adjusted.

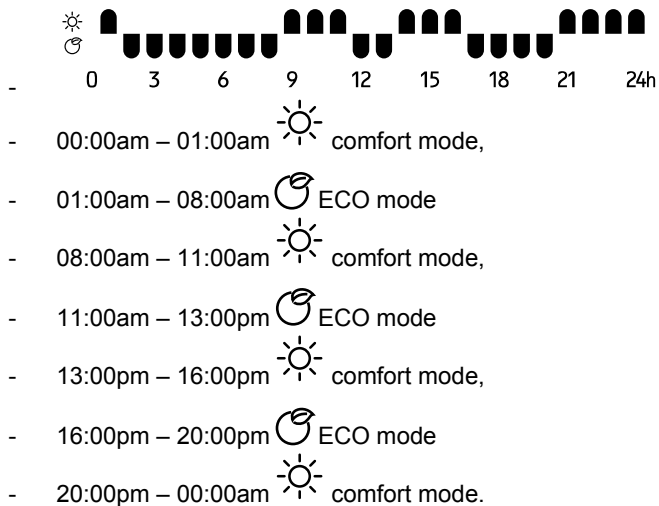


- 01:00am – 07:00am  ECO mode
- 07:00am – 00:00am  comfort mode.

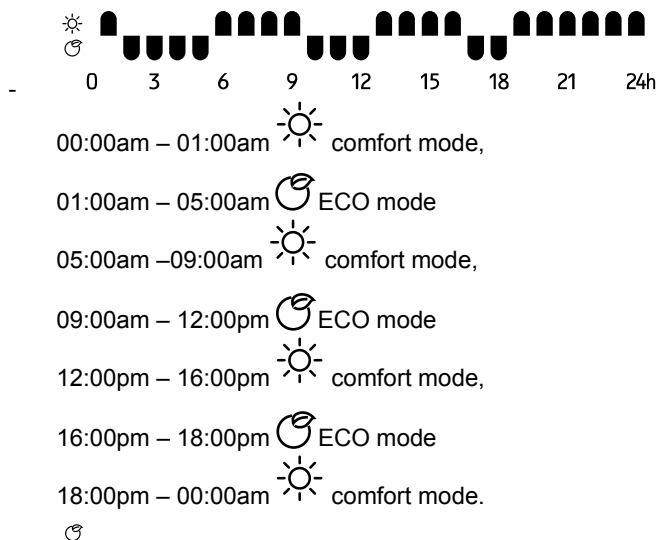
P2 (Monday-Friday) Pre-programmed schedule. Please note: this schedule cannot be adjusted.



P2 (Saturday-Sunday) Pre-programmed schedule. Please note: this schedule cannot be adjusted.

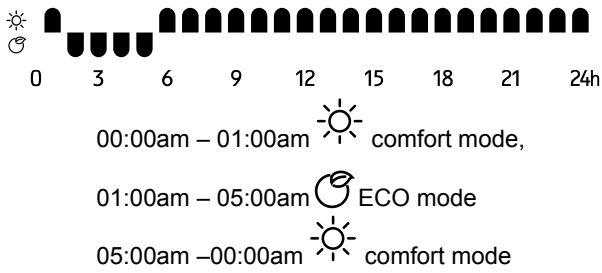


P3 (Monday-Friday) Programmable schedule. Please note that this schedule can be adjusted to suit your requirements using the instructions below. The below is for illustration purposes only.



P3 (Saturday-Sunday) Programmable schedule. Please note that this schedule can be adjusted to

suit your requirements using the instructions below. The below is for illustration purposes only.



P3 adjustable program setting

1. Press mode and select P3. Press for 3 secs to enter day setting:
2. The screen will display . Press and to set from (Monday-Sunday).

1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday
7	Sunday

Press to confirm and enter hour setting:

3. The screen will display . Press and to select the hour from 00-23. Press to choose heating mode for every hour. Comfort mode or ECO mode or anti-frost mode where no symbols will display which means the heater will only operate if the temperature drops to 7 degrees.
4. Repeat the operation until you have completed the schedule of every hour and every day.

Notes: After setting heating mode for hour 23, press to come back to day setting.

When screen displays , press to set scheduling.

And BUTTONS

Use these buttons to increase or decrease the temperature, and to increase or decrease time within timer function

This feature can be performed using the TCP Smart App.

TIMER BUTTON

9 Hr Timer Press once, the screen will display "" and will keep flashing. Press and to set timer from 0-9 hours. Wait 3 seconds to confirm setting. From the moment the time is set, the timer will then continue to count down. During the countdown, when the target temperature is reached, the heating will turn off. Once the heater detects a fall in actual room temperature it will restart. Once the countdown is ended the heater will turn off completely.

Pre-Set Quick Timer Press one time, the screen will display "", press to select the desired time either 2h, 4h or 8h. From the moment the time is set, the timer will then continue to count down. During the countdown, when the target temperature is reached, the heating will turn off. Once the heater detects a fall in actual room temperature it will restart. Once the countdown is ended

the heater will turn off completely.








This feature can be performed using the TCP Smart App.

Clock and day of the week setting

Press the  button for 3 seconds. The screen display will show "□". Press  and  to select the day:

The number displayed will correspond to the day of the week as below:

1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday
7	Sunday

Press  to confirm the day and enter the clock hour setting. The screen will display "h". Press  and  to set the HOUR time. Press  to confirm the time set and enter minute setting with the screen displaying "i". Press  and  to set the MINUTE time. Press  to confirm.

OPEN WINDOW FUNCTION

When the ambient temperature drops by 4°C within 2 minutes, the heater will register the possibility of an open window in the room. If this happens, it will stop heating and enter standby mode.

To turn on open window function, press Mode and + buttons together and the screen will display "FO", after 3 seconds, the screen will display the set temperature.

To turn off open window function, press Mode and - buttons together and the screen will display "FF", after 3 seconds, the screen will display the set temperature.

CLEANING THE HEATER

Allow heater to cool down before cleaning. Clean the outside of the heater by wiping with a damp cloth and buff with a dry cloth. Do not use anydetergents or abrasives.

CORRECT DISPOSAL OF THIS PRODUCT



WARRANTY INFORMATION

The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 2 year, starting from the date on which the appliance is sold to the end user.

The warranty only covers defects in material or workmanship.

The repairs under warranty may only be carried out by an authorized service centre. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted. The warranty will not apply in cases of:

- Normal wear and tear
- Incorrect use, e.g. overloading of the appliance, use of non-approved accessories
- Use of force, damage caused by external influences
- Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions
- Partially or completely dismantled appliances.

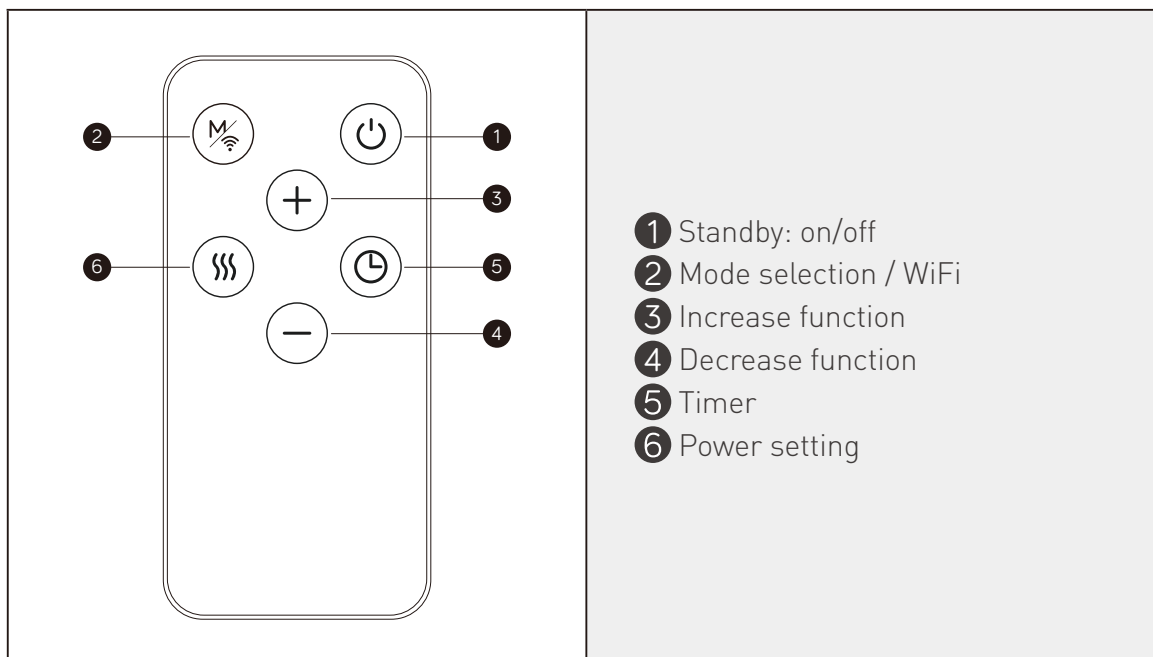
CERTIFICATION CONFORMITY

- Hereby, Technical Consumer Products Ltd declares that the radio equipment type TCP Smart Wifi Wall Heater 2000W-white is in accordance with Directive 2014/53/EU.
- The full text of the EU declaration of conformity is available at the following internet address -
- <https://tcpsmart/compliance-data>


REGISTERED OFFICES

- TCP UK Ltd, 1 Exchange Court, Cottingham Road, Corby, Northants, NN17 1TY.
- TCP France, Quai Gabriel P'ri, 1, Joinville Le Point, France, 94340.

USING THE REMOTE CONTROL



Refer to above instructions on how to operate the various buttons.

Please note: the power setting button  on the remote allows for 2 heat settings – low heat and high heat. Press once for low heat and twice for high heat. H0: fan mode. H1: low heat. H2: High heat

CONNECTING THE APPLIANCE TO WI-FI

Use the QR code below to download the TCP Smart App for control of the heater by voice or TCP Smart App.



QR code for both android and iOS


To control the heater using the TCP Smart App the unit must be turned on.

Before you get started you will need the following:

- Smart device such as a mobile phone or tablet
- Access to the Google or Apple App store, log on and passwords
- The name of your Wi-Fi network and password to your Wi-Fi network
- Confirm your home Wi-Fi router is running on 2.4Ghz and not 5Ghz. If you are unsure, please consult your broadband provider for details on how to change the settings.
- Turn off any Wi-Fi extenders during set up
- Check you do not have any limitations on the number of devices with your broadband provider

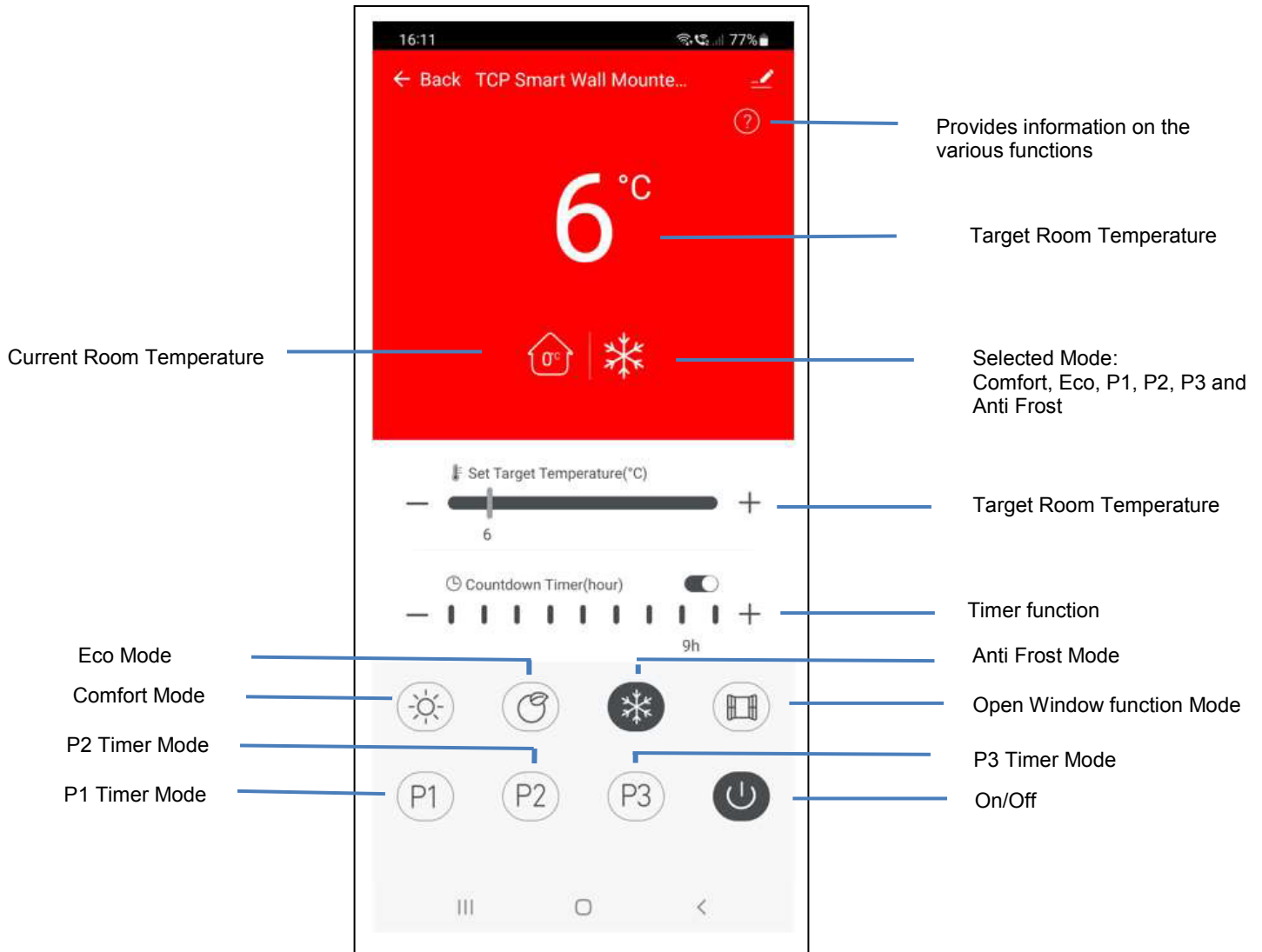
Please note: Our products do not work on 5Ghz only 2.4Ghz.

For instructions on how to connect to Amazon Alexa or Google Nest please visit <https://www.tcpsmart.eu/how-to-alexa-google-nest>

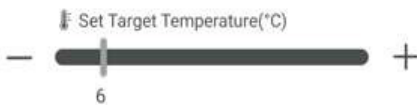
With the heater turned on, hold down the Mode button  for 3 seconds until it beeps and the WiFi LED light blinks rapidly, the device is now in pairing mode. In the TCP Smart App, enter your WiFi password and follow the instructions in the App to connect.

USING THE APPLIANCE WHEN CONNECTED TO WIFI

Main screen showing functions



Temperature Setting



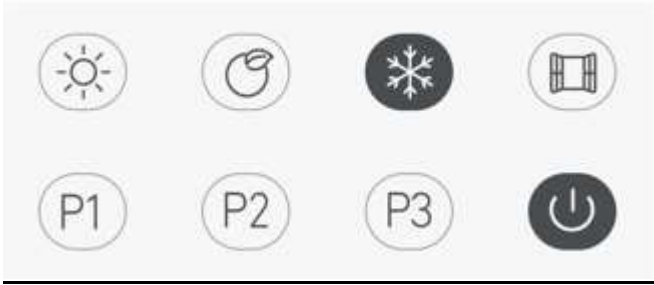
Use + and – buttons to set target temperature.

Countdown Timer





Use the + and – button to set a countdown, from 1 to 9 hours. From the moment the time is set, the timer will then continue to count down. During the countdown, when the target temperature is reached, the heating will turn off. Once the heater detects a fall in actual room temperature it will restart. Once the countdown is ended the heater will turn off completely.


Mode Screens



Press to select the required button:

On/Off  - Press once to turn the heater on and again to turn off.


Comfort mode  - Set using the temperature scale on the main screen.

Eco mode  - this is a preset temperature which is 4°C below the comfort mode setting.



P1 Preset Programme – see below

P2 Preset Programme – see below

P3 Adjustable Programme – see below

P1 and P2 are pre-programmed schedules. P3 is a schedule that can be set to your own requirements. Each programme can then be activated by pressing the corresponding P1, P2 or P3 symbol. Press  to turn off.

Anti Frost 

For this function to work the heater must be turned on. Once the Anti-frost mode is selected the target temperature will be overridden and the heater will stay at 7°C until the anti-frost function is turned off. . Select  to turn this function on. Press  to turn off.

Open Window Detection

When the ambient temperature drops by 4°C within 2mins, the heater will register the possibility of an open window in the room. If this happens, it will stop heating and enter standby mode.

Table 2

Information requirements for electric local space heaters

Model identifier(s): SMAWHHEAT2000WHOR705

Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P_{nom}	2.0	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	P_{min}	1.0	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	$P_{max,c}$	2.0	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	
At nominal heat output	$e_{l,max}$	0	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	$e_{l,min}$	0	kW	single stage heat output, no room temperature control	No
In standby mode	$e_{l,SB}$	0.001	kW	two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	No
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	Yes
				with adaptive start control	No
				with working time limitation	Yes
				with black bulb sensor	No
Contact details			TCP LTD, 1 EXCHANGE COURT, COTTINGHAM ROAD, CORBY, NN17 1EW		