TCP SMART PANEL CONVECTION HEATER

INSTRUCTION MANUAL

MODEL: SMASWHHEAT2000WHPH06 & SMABLHEAT2000WHPH06



READ INSTRUCTIONS CAREFULLY: Read and follow all instructions. Place instructions in a safe place for future reference. Do not allow anyone who has not read these instructions to assemble, light, adjust or operate the heater.

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

IMPORTANT INSTRUCTIONS

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

WARNING: In order to avoid overheating, do not cover the heater.

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

1. Read all instructions before using this heater.
2. **Extreme caution:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
3. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (1m) from the front of the heater and keep them away from the sides and rear.
4. Always unplug heater when not in use.
5. Do not operate the heater with a damaged cord or plug or after the heater malfunctions, it has been dropped or damaged in any manner. Return it to authorized service facility for examination, electrical or mechanical adjustment, or repair.
6. Indoor use only.
7. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into bathtub or other water container.
8. Do not run the power cord under any material. Do not cover cord with throw rugs, runners, or similar coverings.
9. To prevent a possible fire, do not block the space between the heater and the wall, which is for air intake or outlet, in any manner.
10. A heater has hot and arcing or sparking parts inside. Do not use it in the areas

where gasoline, paint, or flammable liquids are used or stored.

11. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

12. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire.

13. To prevent overloading a circuit, do not plug the heater into a circuit that already has other appliances working. Do not install the heater under the wall socket.

14. It is normal for the plug to feel warm to the touch; however, a loose fit between the AC outlet (receptacle) and plug may cause overheating and distortion of the plug. Contact a qualified electrician to replace loose or worn outlet.

15. The output of this heater may vary, and its temperature may become intense enough to burn exposed skin. Use of this heater is not recommended for persons with reduced sensitivity to heat or an inability to react to avoid burns.

16. 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 use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

17. Children of less than 3 years should be kept away unless continuously supervised.

18. Children aged from 3 years and less 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 less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

19. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent

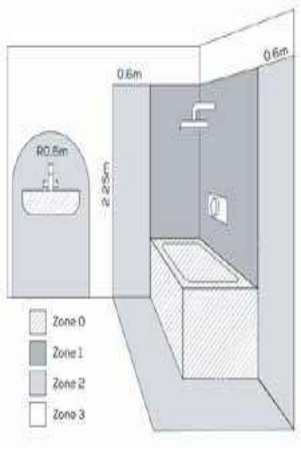
or similarly qualified persons in order to avoid a hazard.

LOCATION OF INSTALLATION

Warning: this product shall be installed in the Zone 2 only according the national wiring rules

Note: The drawing below is for reference only.

We suggest that you contact a professional electrician for assistance.



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 zones 2 & 3.

Zone 0
The area inside a bath or inside the shower This area requires low voltage and an IP67 rating.

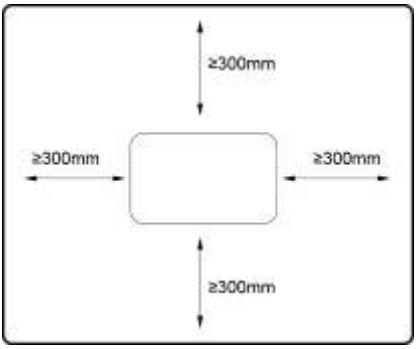
Zone 1
The area above the bath to a height of basin.
2.25m (7' 4"") from the floor. If the light is 240V then a 30ma residual current device (RCD) must also be used to protect the circuit in this zone.

Zone 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

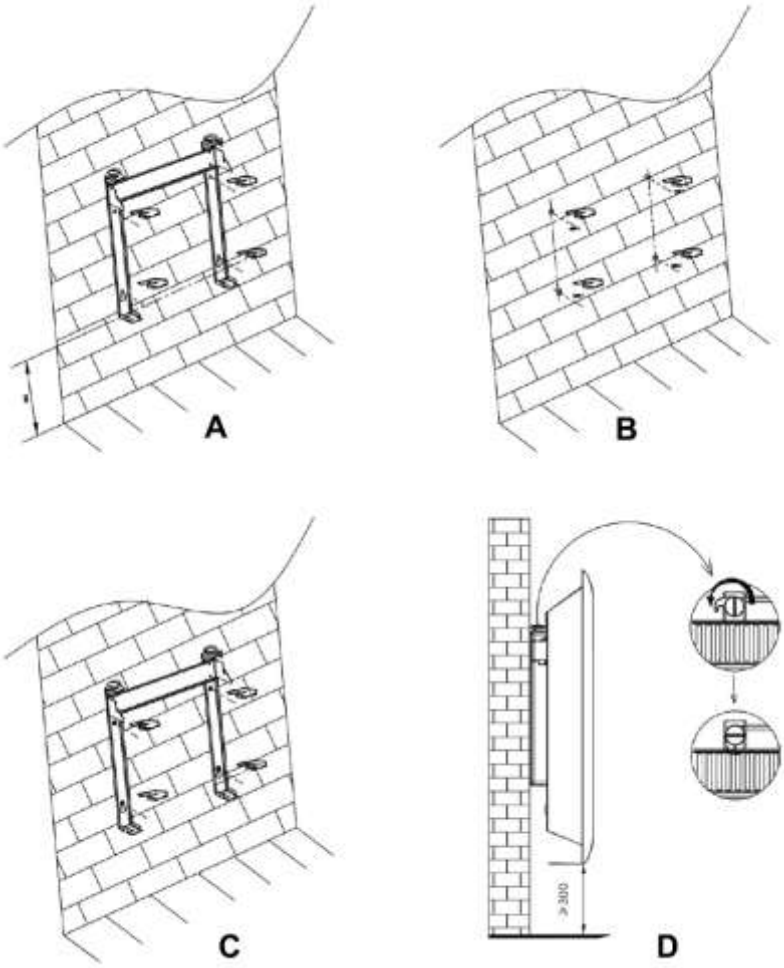
Zone 3
Anywhere outside Zones 0, 1, and 2 and where no water jet is likely to be used. If there is a likelihood of water jets being used for cleaning purposes in zones 1, 2 and 3 a fitting rated a minimum of IP65 must be used.

ASSEMBLY INSTRUCTIONS

Wall Mounted



Make ensure that the distance from walls and objects is respected.



A. Position the hanging rack against the wall and use it as a guide. Ensure it is level and the holes are aligned evenly. Mark the hole positions with a marker.

B. Drill holes at the marked positions using an 8 mm drill bit, then insert the plastic wall plugs.

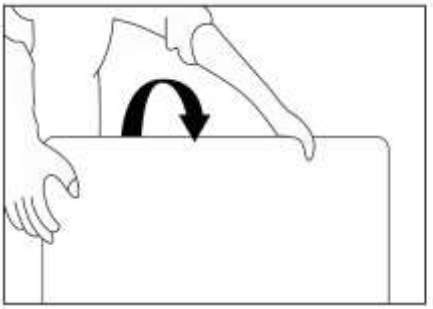
C. Secure the hanging rack to the wall using the screws, making sure it is oriented correctly.

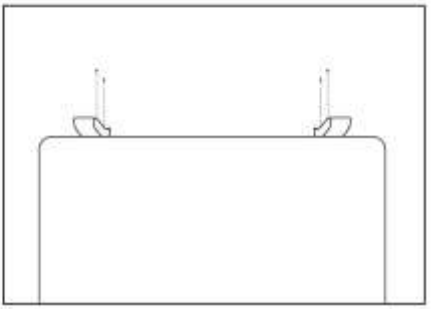
D. Carefully hook the bottom of the heater onto the hanging rack first, then push the heater upwards until it is fully secured onto the rack.

Warning: Be sure to keep the distances stated above to at least 30cm.
Warning: When drilling holes, always check to ensure there is no wiring, pipework, etc. in the area to be drilled.
Warning: Before plugging in the unit make sure the radiator is properly attached to the wall.

Free Standing

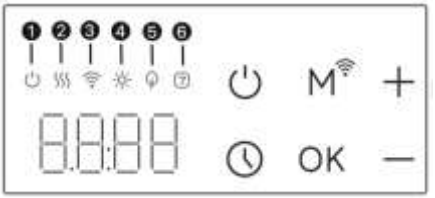
Put the heater on a flat, dry and clean surface. Install the feet by 4 screws as shown on the below drawing.





CONTROL PANEL INSTRUCTIONS

Control panel



⏻	Standby
M	Mode selection/Wifi
OK	Confirmation
+	Increase function
—	Decrease function
🕒	Timer

① Standby: on/off
② Heating status
③ Wifi
④ Comfort mode
⑤ ECO mode
⑥ Weekly program mode

Operating Instructions

- Plug the appliance into an AC 230–240V, 50–60Hz socket. A beep will sound and the indicator light will turn on.
- Press the **power button** to turn on the heater. The indicator light will turn off.
- To switch off the heater, press the **power button** again. Two beeps will sound to confirm.
- Unplug the appliance when it is not in use.

Clock and Day Setting

- Press and hold the **timer button** for 3 seconds to enter the clock and day setting mode.
- The display will show **"d1"**, with the number flashing.
- Use the **"+"** and **"–"** buttons to select the day (**d1–d7**):

Display	Day
d1	Monday
d2	Tuesday
d3	Wednesday
d4	Thursday
d5	Friday
d6	Saturday
d7	Sunday

- Press the **confirm button** OK to save the day and move to the hour setting. The display will show **"00:00"**, with the hour flashing.
- Use the **"+"** and **"–"** buttons to set the current hour.
- Press the **confirm button** OK to proceed to minute setting.
- Use the **"+"** and **"–"** buttons to set the current minutes.
- Press the **confirm button** to save all settings.

The clock and day settings will reset to factory default if the appliance loses power and is not connected to Wi-Fi.

HEATING MODE:

Mode Selection

- Press the mode button M to enter mode selection.
- Each press will cycle through the following heating modes:

Comfort Mode

- Use the “+” and “–” buttons to set the temperature between 5–35°C.
- Press and hold to adjust the temperature more quickly.

ECO Mode

- Use the “+” and “–” buttons to set the temperature between 1–31°C.
- Press and hold to adjust the temperature more quickly.
- Note: ECO mode temperature is always 4°C lower than Comfort mode.

Anti-Frost Mode

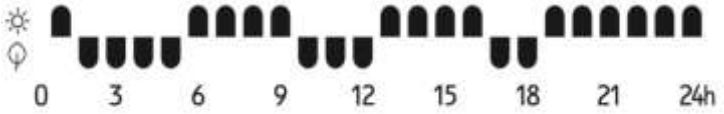
- The display shows the anti-frost symbol.
- The temperature is fixed at 7°C and cannot be adjusted.

Weekly Program Mode

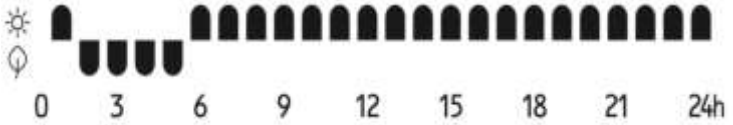
- Allows you to run a pre-set or customised heating schedule.
- Note: If the clock and day are not set, you will be prompted to set them before using this mode.

Pre-set Program

- Monday–Friday: Adjustable program



- Saturday–Sunday: Adjustable program



Custom Program Setup

1. In Weekly Program mode M, press and hold the program button for 3 seconds to enter settings.
2. The display shows “d1:00”, with d1 flashing.
3. The hour (00–23) will flash.
    - Use “+” and “–” to set the hour.
    - Press the mode button to assign a heating mode for that hour:
        1. Comfort mode ☼
        2. ECO mode
        3. Anti-frost mode (no indicator lights)
    - Use “+” and “–” to select the day (d1–d7).
    - Press confirm to proceed to hour setting.
4. Repeat until all hours and days are programmed.

Notes:

- After setting hour 23, press confirm to return to day selection.
- Press and hold the confirm button for 5 seconds to save and exit.

Timer Function

- Press the timer button once. The display shows “0.0h”.
- Use “+” and “–” to set a timer between 0–24 hours.
- The heater will switch off automatically after the selected time.

Open Window Detection

- Press the open window buttons to activate the function. The display shows “F0”.
- If the room temperature drops by 2°C within 4 minutes, the heater will stop operating automatically.
- To resume normal operation:
    - Press the buttons again, or
    - Wait 60 minutes.
- Press the buttons again to deactivate the function (“F1” displayed).

Child Lock

- Press and hold the lock buttons together for 3 seconds to lock or unlock.
- When locked:
    - The display shows a lock symbol (flashing).
    - All buttons are disabled except the standby button.

- The lock remains active after a power loss unless manually unlocked.

Night Mode

- Press and hold the night mode buttons to turn Night Mode on or off.
- When enabled, the night mode symbol is displayed.
- If the time and day are not set, you will be prompted to set them.

Display Behaviour

- 07:00–22:00
  - Brightness: 100%
  - Reduces to 50% after 30 seconds of inactivity
  - Beep sounds are enabled
- **22:00–07:00**
  - Brightness: 50%
  - Reduces to 25% after 10 seconds, then turns off after another 10 seconds
  - No beep sound**s**

Clock Display in Standby Mode

- In standby mode, press and hold the timer button to turn the clock display on or off.
- If the time has not been set, the timer setting process will start automatically.

CONNECTING THE APPLICANCE TO WIFI

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

Download on the App Store

GET IT ON Google Play

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

When the heater is first turned on, the WiFi indicator light will begin to flash. You can then connect the device using the app.

To reset the WiFi, press and hold the button for 3 seconds. The WiFi indicator light will flash rapidly, indicating that the device is ready to be connected in the app.

Once the icon is flashing, go to the app and press Add a Device. When the App has found the device, press “Add”. Enter Wi-Fi Information, choose Wi-Fi and enter your WIFI password, press “Next”, when successfully added, press Done. The app will then display its connecting screen, and a solid Wi-Fi icon will show on the LED display showing the device is connected.

The app will confirm that the heater has been added. You can now name the device. Select . at top right in the control screen, then press the name of the heater. Press Name and change to give your heater a name that it is clear to you which heater it is. If your other device or family members want to connect WIFI, press and hold “T” to turn off the WIFI connecting from your current device firstly.

USING THE APPLICANCE WHEN CONNECTED TO WIFI



Please note when choosing P1/ P2/P3 in the APP, the unit will operate to the settings shown in the manual. If you set P3 manually on the unit and you choose P3 in the APP the unit will operate to the settings you have set. You can also choose to set to your own requirements by selecting the Weekly program P7 within the App.





Temperature correction

Quick set 1 & 2

Working mode selection

Temperature set

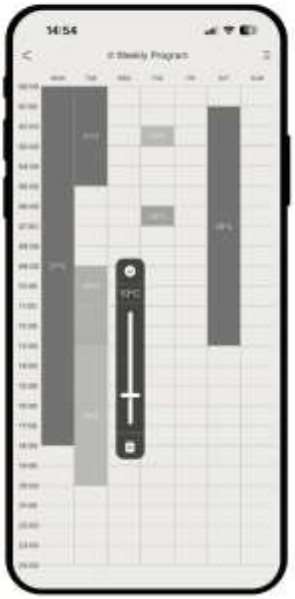
Timer set

Quick set name

Child lock

Display on/off

Temperature correction: Use this function to set the Room Temperature Calibration to the correct room temperature if it is reading incorrect. Select temp calibration and then adjust temperature to current room temperature and select the tick box. The current room temperature is now set.
Note: to calibrate the temperature, pls ensure the heater already worked for more than 1 hour.
Customer can preset usual using way in different situation and name it (can keep 2 quick set).



Weekly program (P7) : Set the working time and working temperature for every hour in everyday.

CLEANING THE HEATER

Before cleaning your heater, switch it off and remote the plug from the socket. Allow the heater to cool down. The outside can be cleaned by wiping it over with a soft damp cloth and buffed with a soft, dry cloth.. Do not use abrasive cleaning powders or furniture polish, as this can damage the surface finish.

Do not allow water or other liquids to run into the interior of the product, as this could create a fire and/or electrical hazard.
Periodic cleaning of this appliance is recommended by lightly running a vacuum cleaner nozzle over the guards to remove any dust or dirt that may have accumulated inside or on the unit.

DISPOSAL



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Correct Disposal of this product¶
This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

WARRANTY INFORMATION

The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 1 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.

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.

INFORMATION REQUIREMENTS FOR ELECTRIC LOCAL SPACE HEATERS