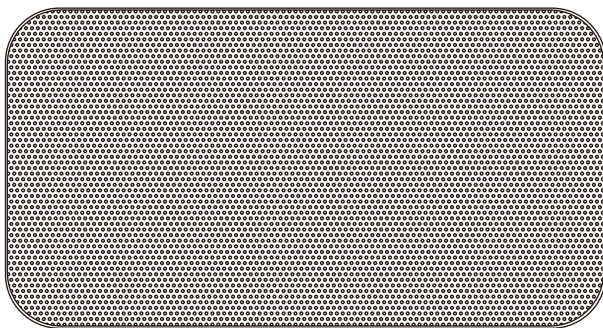




2kW 2 in 1 INFRARED & CONVECTION HEATER



INSTRUCTION MANUAL

**IMPORTANT: PLEASE READ THESE INSTRUCTION BEFORE USING
THE PRODUCT AND RETAIN FOR FUTURE USE.**

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

Please follow the instructions carefully to ensure the safe and effective operation of the device.

TCP 2000W 2-in-1 Infrared Convection Aluminium Heater, a cutting-edge heating solution designed to deliver rapid warmth while enhancing the aesthetics of any space. Featuring an advanced **Infrared Aluminium Heating Element**, this heater efficiently combines infrared and convection heating to keep you cozy and comfortable.

Key Features:

- **3 Modes:** Select from **Eco**, **Comfort**, and **Anti Frost** modes to suit your heating preferences and energy-saving needs.
- **7-Day Heating Schedule:** Program your heating for each day of the week, ensuring warmth when you need it most.
- **24-Hour Timer:** Customize your heating experience with a convenient built-in timer for precision control.
- **Quiet Operation:** Enjoy a serene environment with minimal noise during operation.
- **Digital Control with LED Display:** Easily monitor and adjust settings with a clear and intuitive interface.
- **Temperature Set Range:** Adjust the temperature from **5–35 degrees Celsius** for personalized comfort.
- **Overheat Safety Protection:** Built-in safety features provide peace of mind during use.
- **Window Detector Function:** Automatically adjusts heating when it detects an open window, optimizing energy efficiency.
- **Modern Design:** Sleek and stylish, this heater complements any décor while providing effective heating.

The **TCP 2000W 2-in-1 Infrared Convection Aluminium Heater** is the perfect blend of performance and style, making it an ideal choice for your home or office. Stay warm and comfortable with this innovative heating solution, designed for maximum efficiency and contemporary appeal.

IMPORTANT SAFETY INSTRUCTIONS

The following should always be observed for safety:

WARNING. This product becomes hot in certain areas can cause burns if touched. **Particular attention should be given where children and vulnerable people are present.** Always allow to cool before cleaning, moving or maintenance.

WARNING. In order to avoid a hazard due to inadvertent resetting of the thermal cutout, 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.

- This product is intended for indoor use. Do not use the product for any other purpose.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool, or where similar conditions of excessive moisture are present.
- Do not use in areas of excessive dust.
- Always unplug the product from the electrical outlet when it is not being used.
- 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.
- 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 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.
- This product is not intended for use by persons with sensory, physical and/or mental impairment that would prevent them from using it safely.
- If wall mounting, ensure that the fixing will be anchored in a solid surface only.
- If using the feet mountings, ensure the product is used on a horizontal, stable surface.
- Do not attempt to open the unit as it may cause electrical shock.
- Always use both hands when moving the unit to avoid tilting and potential damage.
- Use this heater only as described in this manual. Any other use is not recommended by the manufacturer as it may cause fire, electric shock or personal injury.
- This product is intended to be either wall mounted or using the fixed feet.
- Do not insert or allow other objects to enter any air intake or outlet opening as this may cause an electric shock, fire or product damage.
- To prevent a possible fire, do not cover the heater. To reduce the risk of fire, keep textiles, curtains or any other flammable material a minimum distance of 1m from the air outlet.
- If the Panel Heater has not been used for a long period or in freezing conditions, run at cold/fan setting for a few minutes before using the heat setting.
- Do not put any stress on the power cord where it connects to the product, as the power cord could fray and/or break.
- Keep the power cord and product away from heated surfaces.
- Do not operate the heater with a damaged cord.
- Do not place the unit directly above or below a fixed socket outlet or connection box.
- Do not operate if the product has been dropped or damaged in any way. Please seek help from a professional service facility for electrical or mechanical adjustment, or repair.

SPECIFICATION

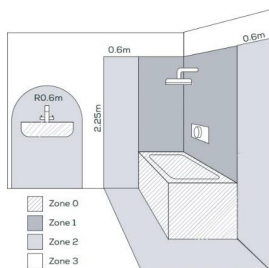
TCPWHHEAT2000WSPD06 – TCP WHITE 2 in 1 INFRARED & CONVECTION HEATER 2kW
TCPCHHEAT2000WSPD06 - TCP BLACK 2 in 1 INFRARED & CONVECTION HEATER 2kW

Information requirements for electric local space heaters						
Model identifier(s): TCPCHHEAT2000WSPD06&TCPWHHEAT2000WSPD06 (SPD06-20K)						
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	NA	
Minimum heat output (indicative)	P_{min}	N/A	kW	Manual heat charge control with room and/or outdoor temperature feedback	NA	
Maximum continuous heat output	$P_{max,c}$	1,9	kW	Electronic heat charge control with room and/or outdoor temperature feedback	NA	
Auxiliary electricity consumption				Fan assisted heat output	NA	
At nominal heat output	eI_{max}	0,000	kW	Type of heat output/room temperature control (select one)		
At minimum heat output	eI_{min}	0,000	kW	Single stage heat output and no room temperature control	[no]	
In standby mode	eI_{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	[no]	
				With adaptive start control	[no]	
				With working time limitation	[yes]	
				With black bulb sensor	[no]	

INSTALLATION INSTRUCTIONS

LOCATION OF INSTALLATION

This product can be installed in a bathroom but only in the area designated by the IP rating – Zone 2 – 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 2.

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.

WALL MOUNTING INSTRUCTIONS

This product is suitable for indoor use only. It is IP24 rated. Cannot be used underwater. Do not attach to surfaces which are damp, freshly painted.

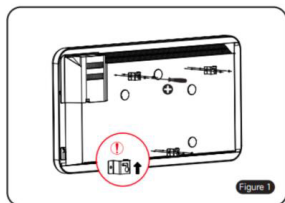


Figure 1

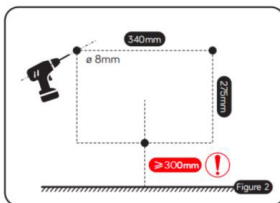


Figure 2

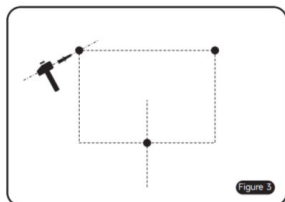


Figure 3

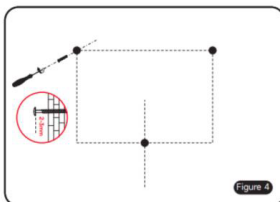


Figure 4

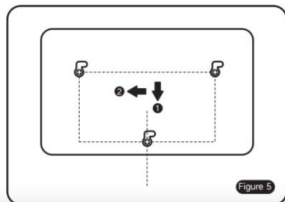


Figure 5

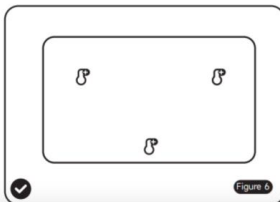


Figure 6

1. Place the product horizontally, use screws to fix the three wall mountings on the back of the body as shown in (Figure 1).
2. According to the size and distance requirements shown in (Figure 2), punch holes in the wall.
3. Fix 3 pieces of plastic expansion into the hole. (Figure 3)
4. Screw the screws in the hole and leave a gap of 2-3mm between the screw cap and the wall. (Figure 4)
5. Align the screw hole of the product pendant with the screw head and snap it into the pendant limit groove. (Figure 5)
6. Installation complete. (Figure 6)

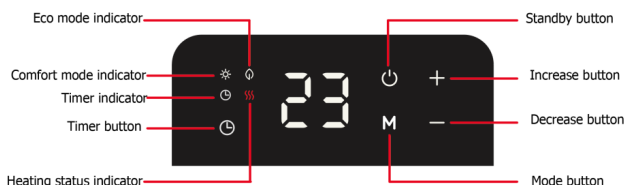
WARNING: Before using the heater, make sure it is mounted tightly on the wall.


STANDING FEET INSTALLATION

- 1 Place the product upside down on a soft cloth.
- 2 Secure the feet using the provided screws.


OPERATING THE HEATER

Control Panel







Plug the appliance to AC 220 -240V 50-60 Hz. A beep sound will be heard which means the heater is now in standby mode and the standby button  is illuminated.










To turn the heater on press .

To turn the heater off press . Unplug the product.

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:

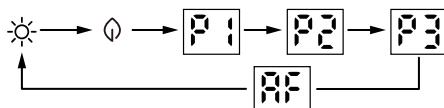
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday
7	Sunday




Press  to confirm the day and enter the clock hour setting. The screen will display . Press  and  to set the HOUR. Press  to confirm the hour setting and enter minute setting with the screen displaying . Press  and  to set the MINUTES. Press  to confirm.


NOTE: The clock and calendar will reset to factory setting in the event of a power failure.




HEATING SELECTION


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




 **Comfort mode:** Press  and  to set the temperature from 5-35°C. The heater enters full power heating mode, after reaching the set temperature, it automatically maintains the constant comfort temperature.

When the heater is heating, the heating status red indicator  would be on.

 **ECO mode:** Press  and  to set the temperature from 5 -35°C. During Eco mode, intelligent temperature control will be activated.

When the heater is heating, the heating status indicator  will be on. The indicator colour will change from red to orange to yellow indicating when the room temperature is getting closer to the target temperature. The actual power will decrease gradually to save energy.

 **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 target temperature is 7°C. The temperature cannot be adjusted.

P1 Pre-programmed scheduling — Select to run the programme as stated below.

P2 Pre-Programmed scheduling – Select to run the programme as stated below.


P3 Programmable scheduling — Select to create a programme to suit your own requirements.


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.


00:00am – 01:00am  comfort mode,


01:00am – 07:00am  ECO mode


07:00am – 00:00am  comfort mode.




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

01:00am – 05:00am  ECO mode


05:00am – 09:00am  comfort mode,

09:00am – 19:00pm  ECO mode


19:00pm – 01:00am  comfort mode





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


00:00am – 01:00am  comfort mode,

01:00am – 08:00am  ECO mode

08:00am – 11:00am  comfort mode,

11:00am – 13:00pm  ECO mode


13:00pm – 16:00pm  comfort mode,


16:00pm – 20:00pm  ECO mode


20:00pm – 00:00am  comfort mode.





(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.


00:00am – 01:00am  comfort mode


01:00am – 05:00am  ECO mode

05:00am – 09:00am  comfort mode

09:00am – 12:00pm  ECO mode


12:00pm – 16:00pm  comfort mode


16:00pm – 18:00pm  ECO mode

18:00pm – 00:00am  comfort mode



(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.

00:00am – 01:00am  comfort mode,



01:00am – 05:00am  ECO mode

05:00am – 00:00am  comfort mode





adjustable program setting

Press  mode and select P3. Press  for 3 secs to enter day setting:

The screen will display . Press  and  to set from  -  (Monday-Sunday).

Press **M** to confirm and enter hour setting:



The screen will display **00**. Press **+** and **-** to select the hour from 00-23. Press **M** to choose heating mode for every hour. Comfort mode  or ECO mode  or Anti frost mode **AF**. Anti-frost mode - no symbols will display which means the heater will only operate if the temperature drops to 7 degrees.

Repeat the operation until you have completed the schedule of every hour and every day. Note: After setting heating mode for hour 23, press **+** to come back to day setting. When screen displays **21**, press **+** to set **P3** scheduling.

+ And **-** **BUTTONS**

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

TIMER BUTTON

Press  one time, the screen will display "**00**" and keep flashing. Press **+** and **-** to select the desired number of hours from 0-24.  indicator light will be on. The heater will then turn off after the set amount of time as passed.

OPEN WINDOW FUNCTION

When the ambient temperature drops by 2°C within 2 minutes, the heater will register the possibility of an open window in the room. If this happens, the screen will display **FO** and will keep flashing. The heater will stop heating.

Press **M** or standby button to exit open window function or wait 60 minutes to come back to previous working mode.

To turn on open window function, press **M** 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 **M** and **-** buttons together and the screen will display **FF**, after 3 seconds, the screen will display the set temperature.

CLEANING THE DEHUMIDIFIER

Turn off the Heater and remove from the power supply. Always allow the heater to completely cool before handling or cleaning. Clean the outside by wiping with a soft, moist cloth, with or without a mild detergent, to remove any dust or dirt. Regularly clean the air outlet and air inlet with a soft, dry cloth or vacuum cleaner nozzle to prevent dust or other impurities from obstructing and affecting the air circulation.

Do not allow water or other liquids to run into the interior of the heater, as this could create a fire and/or electrical hazard.

Do not use harsh detergents, chemical cleaners or solvents as they may damage the surface finish of the plastic components.

MAINTENANCE AND STORAGE

Ensure the product has been turned off and the power cable is unplugged from the electrical outlet before storing. Clean the air outlet and air inlet. When the Heater is not in use for a long period of time it should be protected from dust and stored in a clean, dry place. Do not place any heavy items on top of the appliance during storage as this may result in possible damage to the appliance.

DISPOSAL



Only dispose of electrical appliances as designated municipal waste facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps may prove hazardous to health.

GUARANTEE

The manufacturer provides the guarantee 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 guarantee only covers defects in material or workmanship. The repairs under guarantee may only be carried out by an authorized service centre. When making a claim under guarantee, the original bill of purchase (with purchase date) must be submitted. The guarantee will apply only in cases of normal wear.

REGISTERED OFFICES

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