size:286x206

TCP SMART 400W INFRARED HEATER

WITH ENERGY MONITORING

INSTRUCTION MANUAL

MODEL: SMAMONHEATBL400WTW6 / SMAMONHEATWH400WTW6



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.

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

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

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 (0.9m) 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.

DISPOSAL



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.

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.

INFORMATION REQUIREMENTS FOR ELECTRIC LOCAL SPACE HEATER

Model identifier(s): SMAMONHEATBL400WTW6/SMAMONHEATWH400WTW6

Item	Symbol	Value	Unit
Heat output			
Nominal heat output	P_{nom}	0.4	kW
Minimum heat output (indicative)	P_{min}	N/A	kW
Maximum continous heat output	$P_{max,c}$	0.4	kW
Power consumption			
In off mode	P_o	N/A	W
In standby mode	P_{sm}	0.36	W
In idle mode	P_{idle}	0.37	W
In network standby	P_{nsm}	0.99	W
Standby mode with display of information or status			[no]
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	94.0	%

Item	Unit
Type of heat output / room temperature control (select one)	
single stage heat output and no room temperature control	[no]
two or more manual stages, no room temperature control	[no]
with mechanic thermostat room temperature	[no]
with electronic thermostat room temperature	[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]
distance control option	[yes]
adaptive start control	[no]
working time limitation	[yes]
black bulb sensor	[no]
self-learning functionality	[no]
control accuracy	[no]

Turn Heater OFF

1. Tap **Add Schedule**
2. Set time
3. Select day(s)
4. Ensure it's set to **Off**
5. Tap **Save**

Manage Schedules

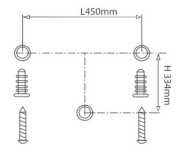
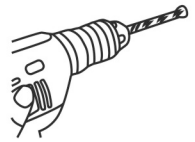
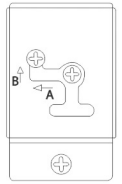
- View all schedules in the list
- Swipe **right** → **left** to delete
- Delete both ON and OFF entries separately

CLEANING THE HEATER

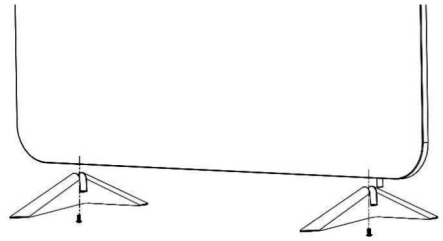
Before cleaning your heater, switch it off and remote the plug from the socket. Allow the heater to cool down. The outside can be cleaned by wiping it over with a soft damp cloth and then dried. Do not use abrasive cleaning powders or furniture polish, as this can damage the surface finish.

ASSEMBLY INSTRUCTIONS

Wall-Mounting - Unpack your heater and wall mounting accessories.

	
Step1: Mark the positions of the 3 holes to be drilled on the wall	**Step 2**: Drill the holes with the drill bit
	
Step 3: Insert the plastic rail fittings into the holes	**Step 4**: Insert the 3 x metal screws for wall mounting into the plastic rails
	
Step 5: Lift the heater and aim the three round holes on the brackets at back of the heater to the 3 screws on the wall and slide the screw from Position A to Position B by moving the heater slightly.	

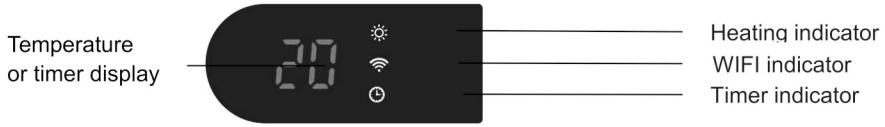
FREE STANDING:



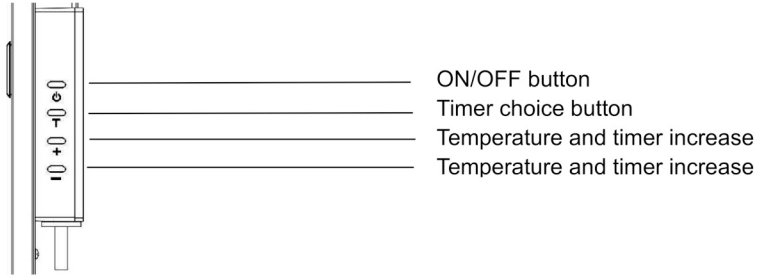
Place the free-standing feet on the ground, align the holes on the feet to the holes on the bottom of the heater, screw the 2 x bolts into the holes.

CONTROL PANEL AND REMOTE CONTROL INSTRUCTIONS

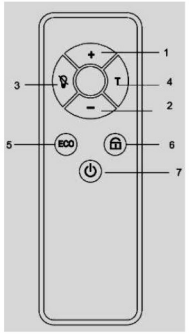
DISPLAY:



CONTROL PANEL：



REMOTE CONTROL:



1-Temperature and timer increasing

2-Temperature and timer decreasing

3-Screen light off

4-Timer

5-ECO mode

6-Child lock

7-ON/OFF

NOTE: Before using the remote control, make sure that 2 AAA batteries (not included) are installed correctly.

OPERATING INSTRUCTIONS

- Check the heater to be sure it is not damaged before using..
- Insert the plug in the socket, you will hear “beep”, the full screen will be light on for 1.5 seconds, then display “--”, WIFI light flashing and the heater is in standby mode.
- Press “⏻” switch on the control panel or remote, the display will show the defaulted setting temperature 25℃. Heater will start working when room temperature is 1℃ lower than setting temperature or stop working when room temperature reaches

Power

- Heating Mode will be displayed when the product is turned on and is working towards the required room temperature.
- Constant Temperature will be displayed When the heater detects that the required room temperature is 1 degree Celsius lower than the current room temperature.If the current room temperature drops to below the required temperature, the heater will restart heating,and the Heating mode will show again. This cycle will repeat to keep the room at the required room temperature.

Timer

Set hours & minutes → **Confirm**

- Heater counts down
- Turns to **standby** when finished

Settings

Child Lock

- Tap to enable (turns green)
- Tap again to disable
-

Weekly Schedule - Automatically turn your heater on/off.

Turn Heater ON

1. Tap **Add**
2. Set time (align within lines)
3. Select day(s)
4. Change **Off** → **On**
5. Set temperature & mode
6. Tap **Save**

Cost Alerts

Get notified when you spend too much:

1. Tap **Cost Reminder**
2. Choose:
   - Daily
   - Weekly
   - Monthly
3. Set your limits → **Save**

Reset Data

Want to start fresh?

Tap **Reset** to clear all usage and cost data

View Usage

Tap **"Daily Usage"** to see your data.

Same tabs apply:

- Consumption
- Cost
- Heating

This screen includes **Usage Reminders** instead of cost settings.

Heater Controls

Switch

Turn the heater **On / Off**

Set Temperature

Use **+ / –** to adjust your desired temperature

setting temperature. The display will always show the setting temperature,current temperature can be checked on TUYA app.

- Press "+ or -" key on the control panel or remote to adjust the temperature setting, it will flash 5 times on the display to confirm the set temperature.
- With each press the temperature will be increased (+) or decreased (-) by 1˚C. The temperature setting range is 5-55˚C.
- Press "T" key once on the control panel or remote control, LED screen flashes press "+ or -" to set 0-24 hours timer. The countdown timer is set after 5 times flashing. LED display will cycle between timer and setting temperature.
- Press and hold "+" key on the control panel to turn on child lock function. "LC" will be displayed on the screen. Press and hold "-" key to turn off child lock function.
- When powered on, the display will light off in around 1 minute if without any operations . You can reactivate the display by pressing any random button.

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 and iOS

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

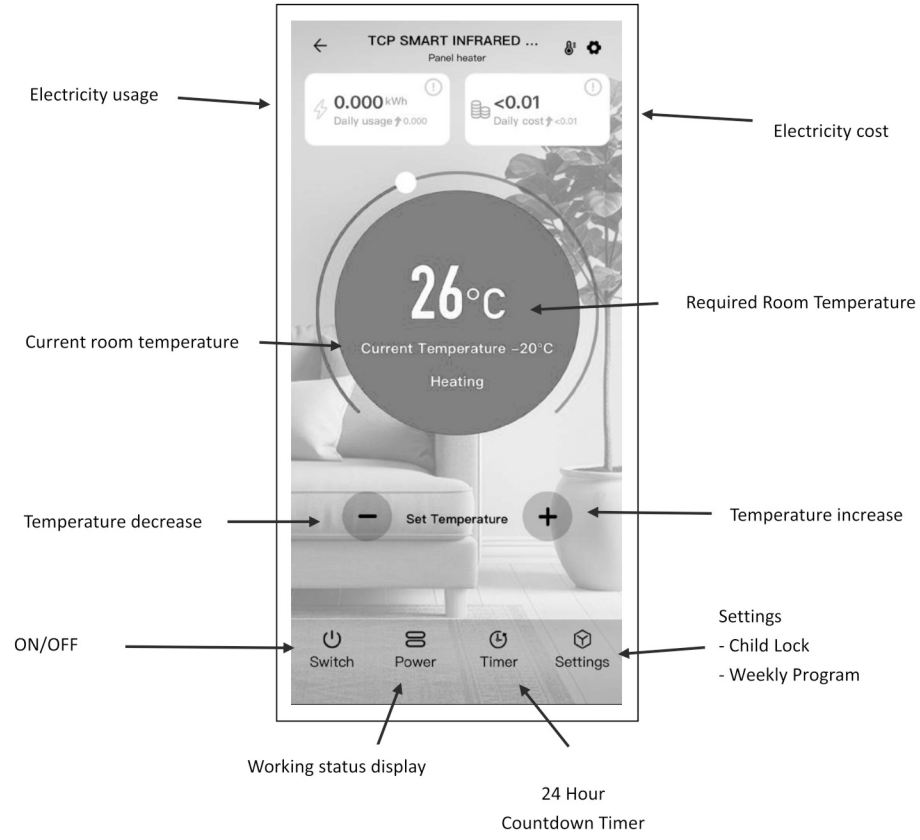
Please note: Our products do not work on 5Ghz only 2.4Ghz. For instructions on how to connect to Amazon Alexa or Google Nest please visit https://www.tcpsmart.eu/how-to-alexa-google-nest

With the heater turned on, put the heater into Wi-Fi connection mode.
When the plug is inserted into the socket, you will hear "beep" and the full screen will be lit for 1.5 seconds, then display "--". The WIFI light will be flashing; the heater is in

pairing mode.

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



Electricity Usage Setup

Before the app can calculate your electricity costs, you’ll need to enter your tariff.

Tap **“Daily Cost”** on the main screen.

Tabs Overview

- **Consumption** – See how much electricity you use
- **Cost** – See how much it costs
- **Heating** – View heating time & max temperature

Set Your Electricity Price

1. Go to **Cost** → **Cost Setting**
2. Check currency is set to **GBP (£)**
   - If not: tap **Currency** → select **GBP** → press **<** at the top-left corner
3. Enter your cost:
   - Tap **Electricity Cost per kWh**
   - Enter the price in **£ (not pence)**
   - Example:
     - 26.74p → **£0.267**
4. On a flat tariff ? Tap **Save**

Peak & Off-Peak Rates

If your tariff changes by time:

1. Tap **Add Period**
2. Enter the price in the right hand corner
3. Set **start & end times** (align within the lines)
4. Tap **Confirm** → press**<** at the top- left corner

Repeat for additional time periods(Please note that other time periods must not conflict with the ones already set.)