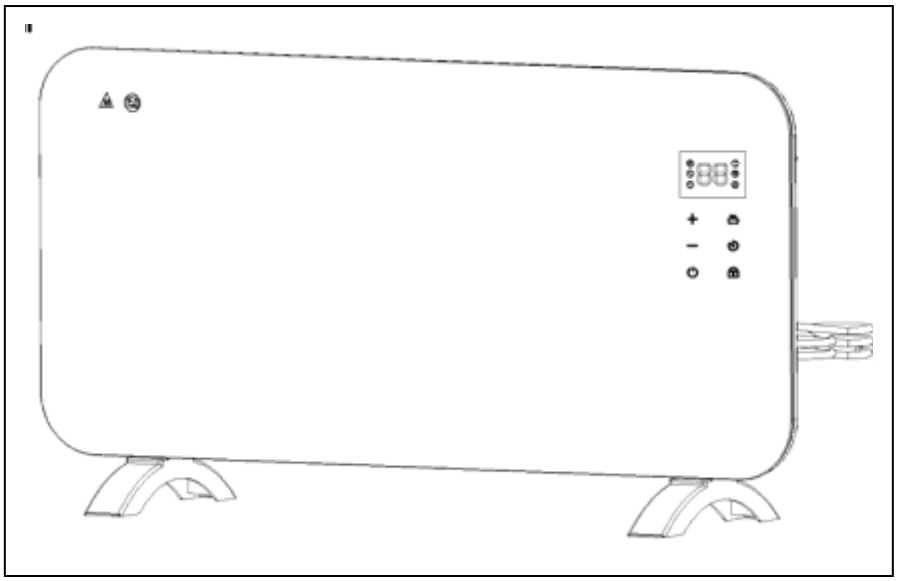
TCP SMART GLASS PANELS
WITH ENERGY MONITORING

INSTRUCTION MANUAL

MODELS: SMAMONHEATGSB2000DL / SMAMONHEATGCG2000DL
SMAMONGMIDBL2000DL09/SMAMONGMLWH2000DL09/SMAMONGMLWH2500DL08



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

IMPORTANT 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.
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. The heater is supplied with a Y-type connection. Replacement of the cable must be carried out by an authorized person.
9. Do not run the power cord under any material. Do not cover cord with throw rugs, runners, or similar coverings.
10. 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.
11. 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.
12. 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.
13. Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire.
14. 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.
15. 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.
16. 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.
17. 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.

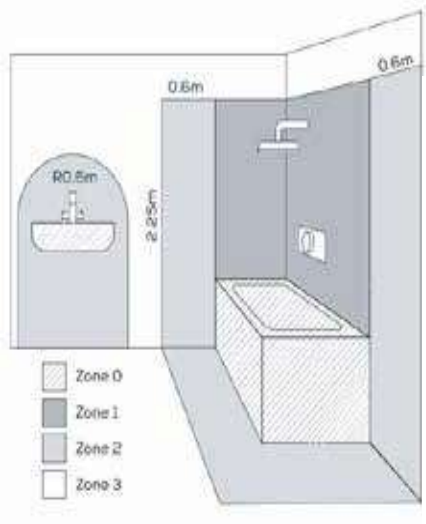
18. Children of less than 3 years should be kept away unless continuously supervised.

19. 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.

20. 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

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 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

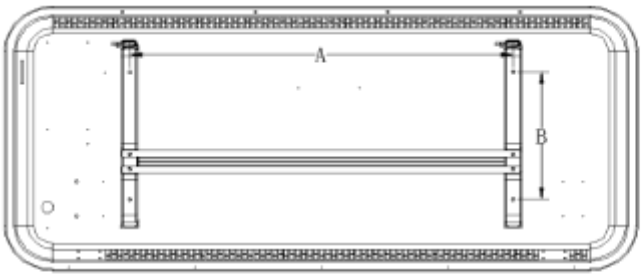
Anywhere outside Zones 0, 1, and 2 and where no water jet is likely to be used. If there is a likelihood of water jets being used for cleaning purposes in zones 1, 2 and 3 a fitting rated a minimum of IP65 must be used.

ASSEMBLY INSTRUCTIONS

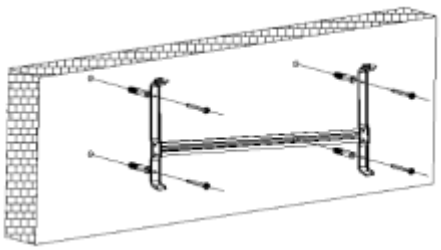
WALL MOUNTING

THERE SHOULD BE AT LEAST 40CM BETWEEN THE LOWER PART OF THE HEATER AND THE FLOOR.

1. Measure the distance between the two slots located on the back of the appliance for dimensions "A" and "B" (see Figure 1).
2. Remove the bracket from the product as shown in Figure 3.
3. Drill four holes in the wall at the measured distances and insert a wall plug into each hole. Position the brackets over the holes as shown in Figure 2.
4. Secure the brackets to the wall using the screws provided, as illustrated in Figure 2.
5. Mount the appliance onto the wall by holding it so that the slots align with the brackets. Carefully lower the appliance onto the brackets until it sits securely in the grooves.
6. Refit the bracket to the appliance by reversing the procedure described in step 2.
7. Secure the appliance in place as described in step 4, then use a tool to rotate the safety buckle into the hole at the back of the product.



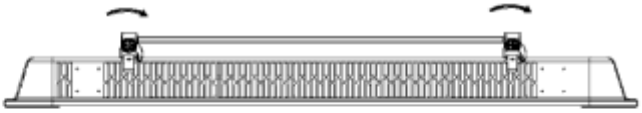
picture 1



picture 2

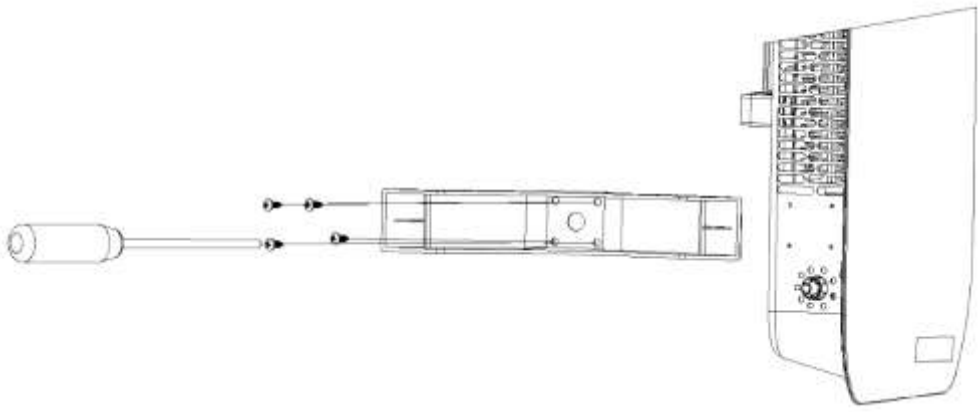


picture 3



picture 4

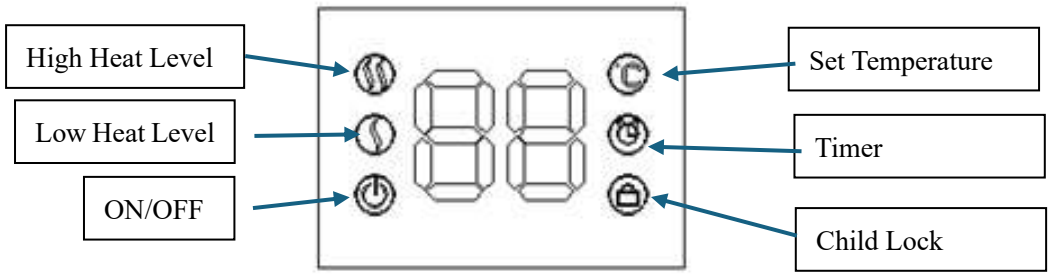
FREE STANDING:



Before using the heater, the two feet (supplied separately in the paper bag) must be fitted to the unit. Attach them to the base of the heater using the eight self-tapping screws provided, ensuring they are correctly positioned at the bottom ends of the heater side mouldings.

OPERATING THE HEATER

CONTROL PANEL



NOTE: It is normal when the heater is turned on for the first time, or after having not been used for a long period of time, for the heaters to emit smell and fumes. This will disappear when the heater has been turned on for a short time.

OPERATING INSTRUCTIONS USING THE CONTROL PANEL

- Check the heater to be sure it is not damaged before using.
- Insert the plug in the socket, and press the switch on the side of heater. The switch will turn red to indicate it is in standby mode.
- will hear “beep”, the full screen will be light on for 1.5 seconds, then display “ambient temperature”, WIFI light flashing and the heater is in standby mode.
- Press “⏻” switch on the control panel. The default temperature for the heater when first switched on is 25˚C Heater will start working when room temperature is 1℃ lower than setting temperature or stop working when room temperature is 1℃ higher than setting temperature.

Temperature Setting

- Press “+ or -” key on the control panel to adjust the temperature setting, it will flash 5 seconds on the display to confirm the set temperature.
- With each press the temperature will be increased (+) or decreased (-) by 1℃. The temperature setting range is 10-40˚C.

Timer

- Press key once on the control panel. Press “+ or -” to set 0-24 hours timer. The countdown timer is set after 5 seconds blinking. LED display will cycle between timer and setting temperature.

Child Lock

- Press and hold key on the control panel for 3 seconds to turn on child lock function. “ ” this key will be displayed on the screen. Press and hold key for 3 seconds to turn off child lock function.

Display Screen

When powered on, the display brightness will be reduced by half if nothing changes in the settings for more than around 30 seconds . You can reactivate it by pressing any random button once.

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.

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.

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

QR code for both android and iOS

Before you get started you will need the following:

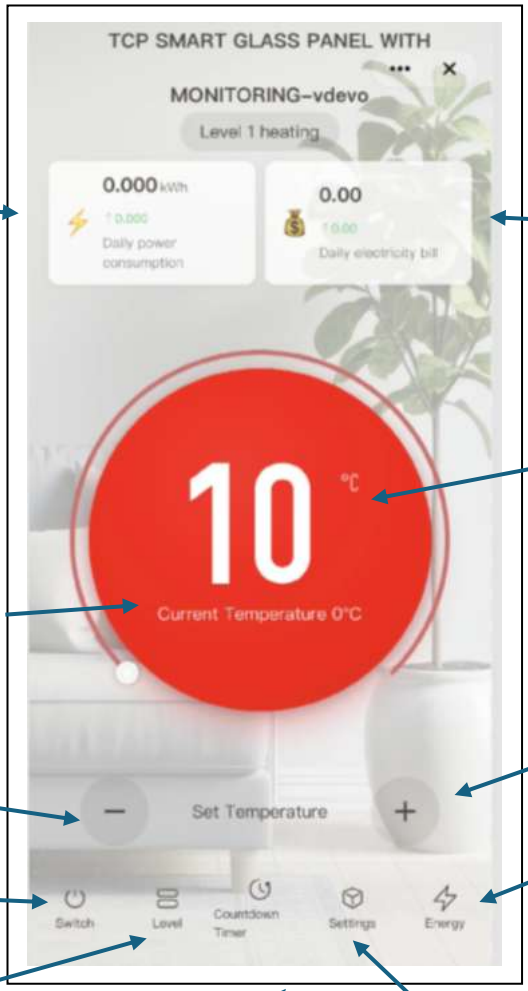
- Smart device such as a mobile phone or tablet
- Access to the Google or Apple App store, log on and passwords
- The name of your Wi-Fi network and password to your Wi-Fi network
- Confirm your home Wi-Fi router is running on 2.4Ghz and not 5Ghz. If you are unsure, please consult your broadband provider 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

MAIN SCREEN VIEW



Electricity usage

Electricity cost

Required Room Temperature

Current room temperature

Temperature increase

Temperature decrease

Energy Consumption & Cost

ON/OFF

Heating Selection

24 Hour Countdown Timer

Settings
Child Lock
Current Voltage
Add Electricity
- Timer/Weekly Program

Current Power
Current Current
Energy Switch

ELECTRICITY USAGE/COST SET UP

On the main screen there are 2 tabs: Daily power Usage and Daily Electricity Bill. Both of these tabs allow you to view your usage and cost on a daily, Weekly, Monthly or Yearly basis.

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

Tap **"Daily Electricity Bill"** on the main screen.

Tabs Overview

- **Usage** – See how much electricity you use
- **Cost** – See how much it costs

Set Your Electricity Price

1. Go to **Cost** → **Electricity Cost Settings**
2. Check currency is set to **GBP (£)**
    - If not: tap **Electricity Cost Currency** → select **GBP(£)** → press **<**
3. Enter your cost:
    - Tap **Electricity Cost**
    - 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 Interval**
2. Enter the price in the right hand corner
3. Set **start & end times** (align within the lines)
4. Tap **Confirm** → **<**

Repeat for additional time periods

Cost Alerts

Get notified when you spend too much:

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

Reset Data

Want to start fresh?

On the main screen tap **Energy**, tap **More**, tap **Clear Electricity Usage and Cost** to clear all usage and cost data

View Usage

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

Same tabs apply:

- Usage

- Cost

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

Usage Log

To view the times when the heater is on or off. In the **Energy** tab press

Turn ON/Turn OFF Usage and Cost Calculation

There are 2 routes to start the app calculating the usage and cost.

On the main screen tap Energy, tap the green on switch. Tap again to turn off the calculations.

Or

In settings, tap Energy switch so it turns blue. Tap again to turn off the calculations.

Heater Controls

Switch

Turn the heater **On / Off**

Set Temperature

Use **Slider or +/-** to adjust your desired temperature

Level

- Select the level of heating you require – Level 1 is low and Level 2 is high

Countdown Timer

Select hours (upto 24 hours)→ **Confirm**

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

Settings

Child Lock

- Tap to enable (turns Blue)
- 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) – Tap **Repeat** and select days and tap <
4. Tap Switch to select **On**
5. Set temperature
6. Tap **Save** then tap <

Turn Heater OFF

1. Tap **Add Schedule**
2. Set time
3. Select day(s) – Tap **Repeat** and select days and tap <

4. Tap Switch and ensure it’s set to **Off**
5. Tap **Save** then tap

There is an option to send a note to yourself. Press **Note** and when completed press **Save**. Press **Notification** to ensure the note is sent to your notification centre in the App.

Manage Schedules

- View all schedules in the list
- Swipe **right** → **left** to delete
- Delete both ON and OFF entries separately
- Or tap the slider to turn off but save the timings. To turn the time back on or off tap the slider to turn green.

INFORMATION REQUIREMENTS FOR ELECTRIC LOCAL SPACE HEATER

Model identifier(s): SMARADGBL2000UK
SMARADGWH2000UK
SMAMONHEATGSB2000DL
SMAMONHEATGCG2000DL
SMAMONGMIDBL2000DL09
SMAMONGMLWH2000DL09

Item	Symbol	Value	unit
Heat output			
Nominal heat output	P_{nom}	2,000	kW
Minimum heat output (indicative)	P_{min}	1,000	kW
Maximum continuous heat output	$P_{max,c}$	2,000	kW
Power consumption			
In off mode P_o		N.A.	W
In standby mode P_{sm}		0,99	W
In idle mode P_{idle}		N.A.	W
In network standby P_{nsm}		0,99	W
Standby mode with display of information or status		Yes	
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	95	%

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 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]
distance control option	[yes]
adaptive start control	[no]
working time limitation	[yes]
black bulb sensor	[no]
self-learning functionality	[no]
Control accuracy	[no]

Model identifier(s): SMAMONGMLWH2500DL08

Item	Symbol	Value	unit
Heat output			
Nominal heat output	P_{nom}	2,500	kW
Minimum heat output (indicative)	P_{min}	1,250	kW
Maximum continuous heat output	$P_{max,c}$	2,500	kW
Power consumption			
In off mode P_o		N.A.	W
In standby mode P_{sm}		0,99	W
		N.A.	W
In idle mode P_{idle}		0,99	W
In network standby P_{nsm}			
Standby mode with display of information or status			
Yes			
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	95	%

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 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]
distance control option	[yes]
adaptive start control	[no]
working time limitation	[yes]
black bulb sensor	[no]
self-learning functionality	[no]
Control accuracy	[no]