

USER'S INSTRUCTION MANUAL



Metal Panel Heater

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

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

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, 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 cord under 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 exhaust 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. However, if you have to use an extension cord, the cord shall be rated not less than 800 watts (under 220-240V).
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.

20. 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

21. Heater must not be located immediately below a socket-outlet.

22. – do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.

– 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.



The meaning of figure in marking is “WARNING: DO NOT COVER” .

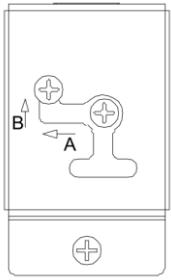
WARNING: In order to avoid overheating, do not cover the heater.

“SAVE THIS INSTRUCTIONS”

WALL MOUNTED INSTRUCTIONS

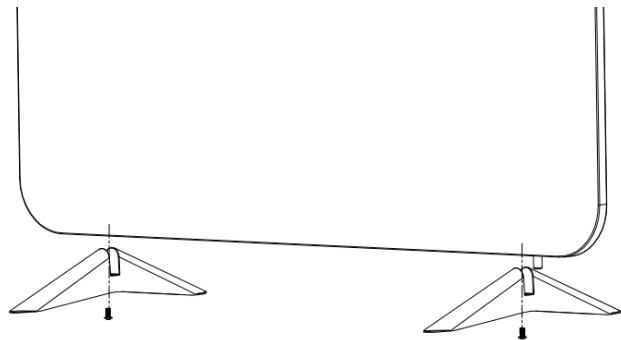
Unpack your package and find the heater together with the wall mounting accessories.

Step 1: 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 rails fitting 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 INSTRUCTIONS

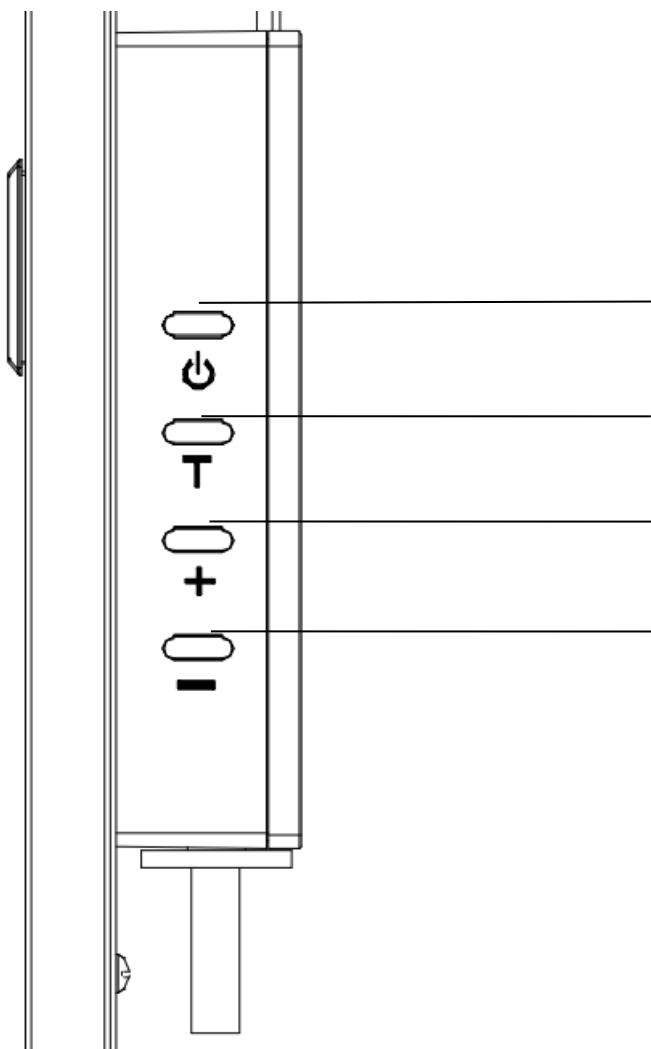


Place the free standing feet on the ground, align the holes on feet to the holes on the bottom of the heater, screw the 2 x bolts into the holes.

Display:



Control panel:



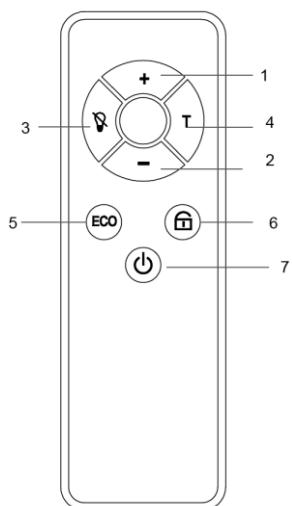
ON/OFF button

Temperature or timer choice button

Temperature and timer increasing

Temperature and timer decreasing

Remote control:



1- Temperature and timer increasing

2- Temperature and timer decreasing

3- Screen off

4- Timer

5- ECO mode

6- Child lock

7- ON/OFF

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

OPERATING INSTRUCTIONS

1. Check the heater to be sure it is not damaged before using.
2. Insert the plug in the socket, you will hear “beep”, the full screen will be light on for 1.5 seconds, then display shows “--”, WIFI light flashing and the heater is in standby mode.
3. Press “” switch on the control panel or remote, the display will show defaulted setting temperature 25°C. Heater will start working when room temperature is 1 degree lower than setting temperature, or stop working when room temperature reaches setting temperature.
4. Press “+ or -” key on the control panel or remote to adjust the temperature setting, it will flash 5seconds on the display to confirm the setting temperature. With each press, the temperature will be increased (+) or decreased (-) by one degree. The temperature setting range is 05-55°C.
5. 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 seconds blinking. LED display will be cycled between timer and setting temperature.
6. Press and hold “+” key on the control panel will turn on child lock function, show “LC” on the screen; press and hold “-” key to turn off child lock function.
7. When powered on, the display will switch off if you change nothing in the settings for more than 1 minute. You can reactivate it by pressing once on any button at random.
8. **ECO Mode: when you turn on this, the display on the heater will show “EC”, when opening the room window, the room temperature drops more than 5 degrees in 10 minutes, the product automatically stops heating to save energy.**

Connecting to WiFi

1- To connect your heater to the WiFi, the first step is to download the TUYA Smart app onto your smartphone. You can find the app by scanning the QR code below or searching “TUYA Smart” in the Google Play or Apple appstore.



2 - Download and install the app. Unless you already have a Smart Life account, you will need to create an account by tapping Register.

3 - The device will automatically determine your country, although you can change this if

necessary. Enter your phone number or email address. If you enter a phone number, a verification number will be sent to your phone: enter this number to verify, then create a password. If you enter your email address, you'll just need to create a password.

4 - To add your heater to the app, first put the heater in WiFi connection mode.

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;

You can connect Wi-Fi and add the device in TUYA APP with smartphone. **If the WiFi icon is not flashing, long press and hold "T" button.**

5 - Once the icon  is flashing, go to the app and press Add a Device. Discovering device, press "Add". Enter Wi-Fi Information, choose wi-fi and enter password (your WIFI password), press "Next", when successfully added, press Done.

6 - The app will then display its connecting screen and a solid Wi-Fi icon on the LED display when the device is connected.

7 - 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 select Modify Device Name to give your heater a logical name so that it is clear to you which heater it is.

8 - 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 SmartLife /Tuya App.

Using the Wi-Fi and App to control the heater

1- Switch: Turn on/off the heater;

Marking: The device can be turned on remotely via APP and will automatically shut down after 23.5 hours by default.

2- Countdown: Set 0-24 hours timer to turn on/off the heater; when the heater is working, countdown is for turn off the heater; when the heater is off, countdown is for turn on the heater.

3- ECO Mode: when you turn on this, the display on the heater will show "EC", when opening the room window, the room temperature drops more than 5 degrees in 10 minutes, the product automatically stops heating to save energy.

4 - Child Lock: when you turn on this, the display on the heater will show "LC", it will be invalid with control panel and remote control, only can be operate by APP with smartphone.

5- Light: turn on/off the display on the screen

6 -Timer (7*24 hours heating schedule): you can choose time, day, set temperature, switch on/off the heater. Choose whether you want it to repeat. Select "Once" if you just want to set a timer for now. If you want the event to repeat, select which days you want it to occur. Then, choose whether you want the heater to switch on or off.

Finally, choose the set temperature to turn on the heater. Make sure you confirm your settings at every stage and press save to keep the event. Each event will appear in your schedule. You can activate and de-activate events using the toggle. You can also delete events by swiping left and tapping Delete.

Wifi:

Frequency range: 2.412-2.462GHz

Modulation Technique: 802.11b: DSSS 802.11g: OFDM 802.11n(20MHz): OFDM

Modulation Type: DSSS(CCK, DQPSK, DBPSK)

Data Rate(Mbps): 11b:1,2,5.5, 11 (Mbps) 11g:6,9,12,18,24,36,48,54(Mbps) 11n:HT20 MCS0~7

Bluetooth:

Frequency range : 2400MHz-2483.5MHz

Modulation Type:GFSK

Data Rate(Mbps):1Mbps



CLEANING AND STORAGE

Before cleaning your heater, switch off the heater and allow it to cool. Disconnect the electricity supply to the appliance. 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. To release the heater from the wall, for cleaning or redecoration, just open the screw bolt cap and unscrew the bolts to take off from the wall.

For short term storage, just plug off the heater and leave it away; for long term storage, you can dismantle from the wall or cover it with some material.

SPECIFICATIONS

Model No.: WFH-800TW6 WFH-600TW6 WFH-450TW6

AC 120V, 60Hz, Class I, IP44 800W

Correct Disposal of this product



This marking indicates that this product should not be disposed 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. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.