

USER'S INSTRUCTION MANUAL



Carbon panel Heater

Model JCH-45/60/72YW

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.

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, wall mounted 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. **WARNING:**In order to avoid overheating, do not cover the heater.
17. **“SAVE THESE INSTRUCTIONS”**

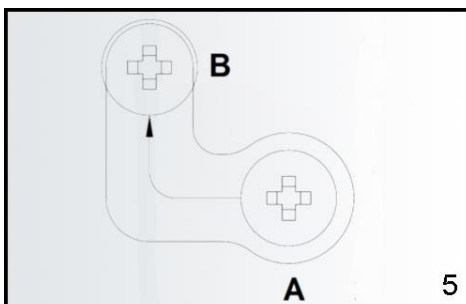
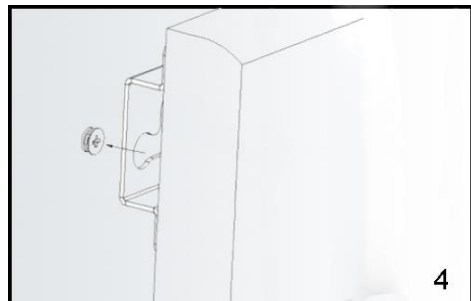
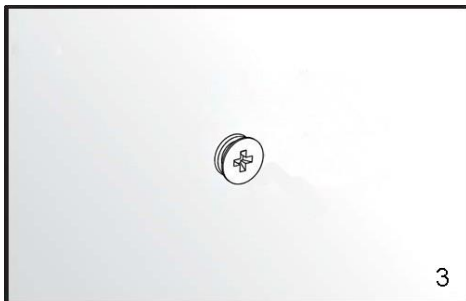
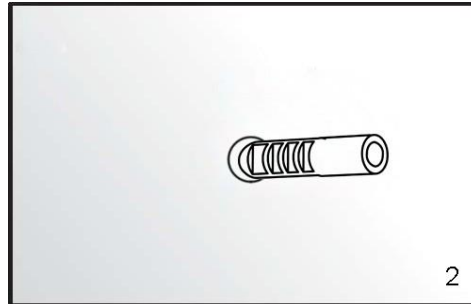
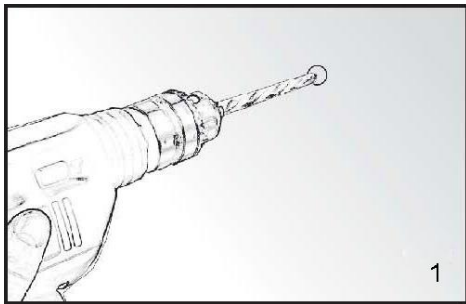


18.  nmean 'do not cover'.

UNPACKING AND WALL MOUNTING INSTRUCTIONS

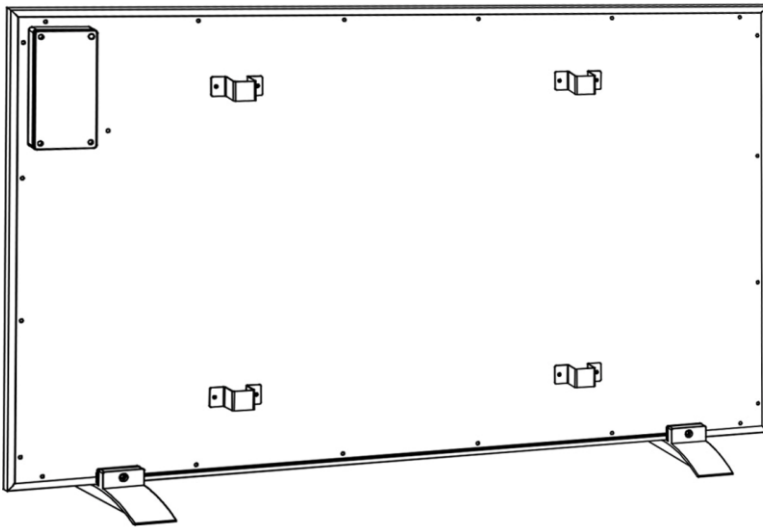
Unpack your package and find the heater together with the wall mounting accessories pack.

1. Mark the positions of the four holes to be drilled on the wall, and Drill the holes with the drill bit (picture 1). Make sure the distance between each hole is same as the round holes on the brackets at back of the heater.
2. Insert the plastic rails fitting into the holes (picture 2).
3. Insert the metal screws into the plastic rails (picture 3).
4. Lift the heater and aim the four round holes on the brackets at back of the heater to the 4 screws on the wall (picture 4), and slide the screw from Position A to Position B by moving the heater slightly (picture 5).
5. Make sure the distance between the bottom of the heater and the floor is no less than 20cm when the heater is installed





Free standing installation:

1. Take out the two feet from the package.
2. Put the heater into the slot of the feet, make the screw side same as the heater back side.
3. Screw the feet tight using a screw driver.



OPERATING INSTRUCTIONS

Use and Working

1. Check the heater to be sure it is not damaged.
2. Insert the plug in the socket
3. Press the  button: the heater will start working. The display will show the room temperature.
4. After use, press the  button first in order to switch the device off. Finally remove the plug from the socket.

Thermostat:

1. If you press the + or - key, the temperature setting will flash 5x on the display.
2. You can adjust the temperature setting by pressing the + or - key while it is flashing. With each key press, the temperature will be increased (+) or decreased (-) by one degree.
3. The device will retain the temperature setting by switching itself on and off automatically.

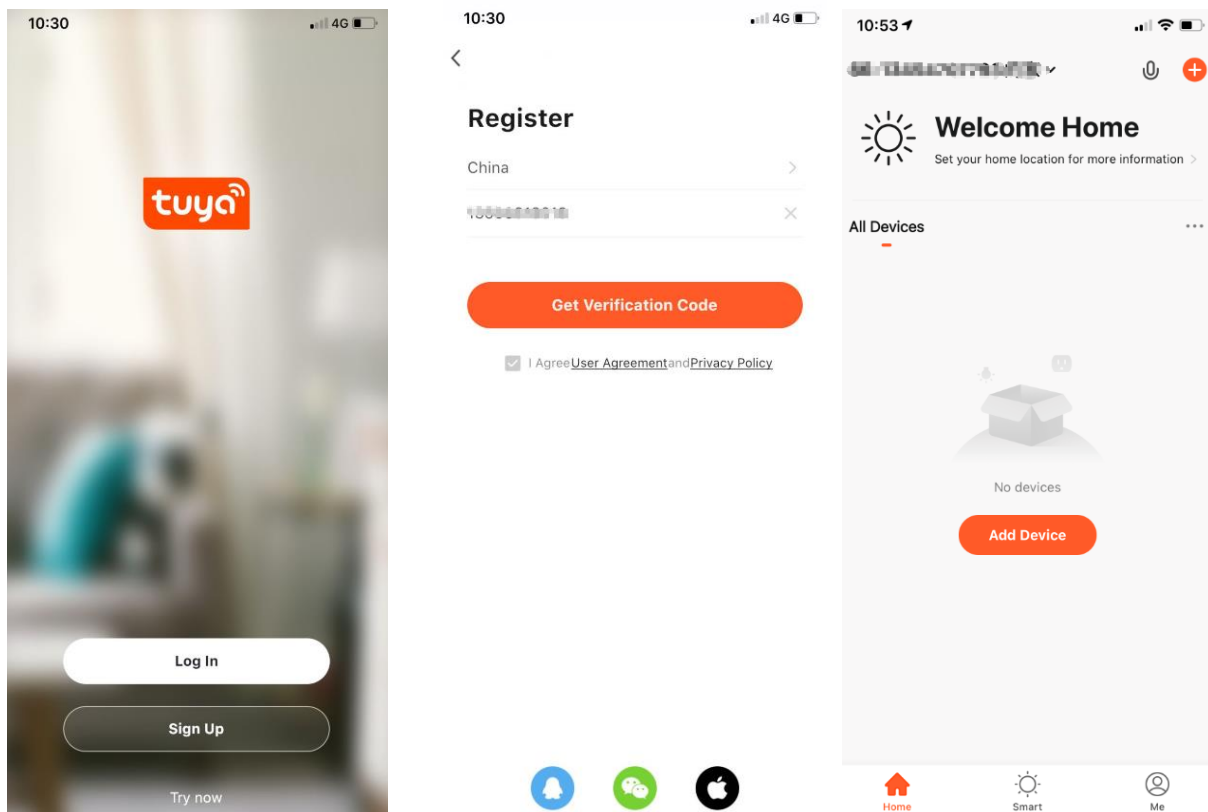
Timer:

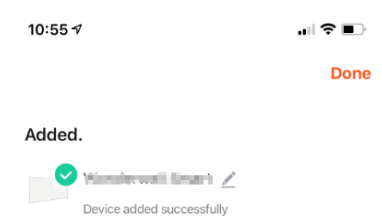
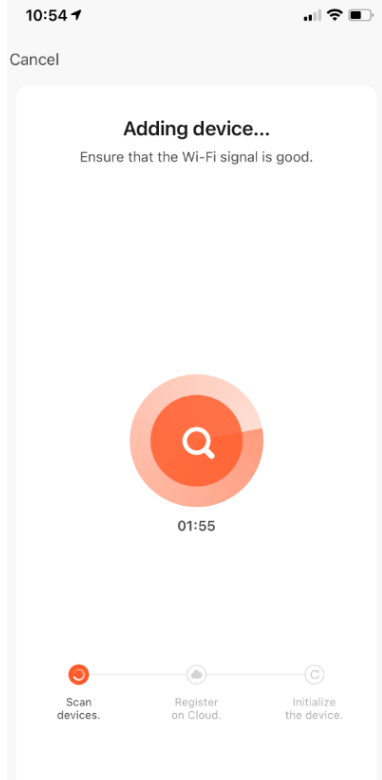
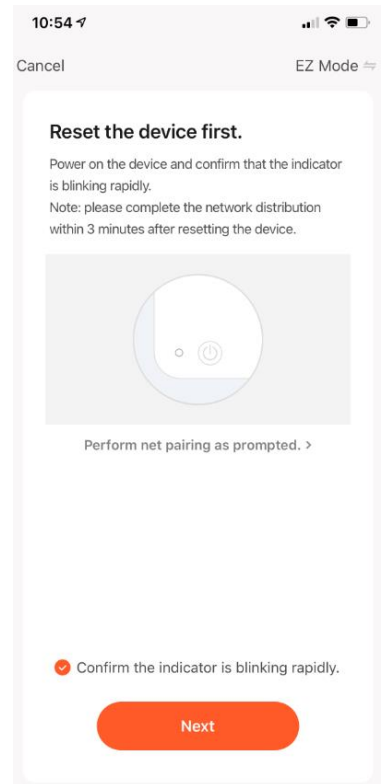
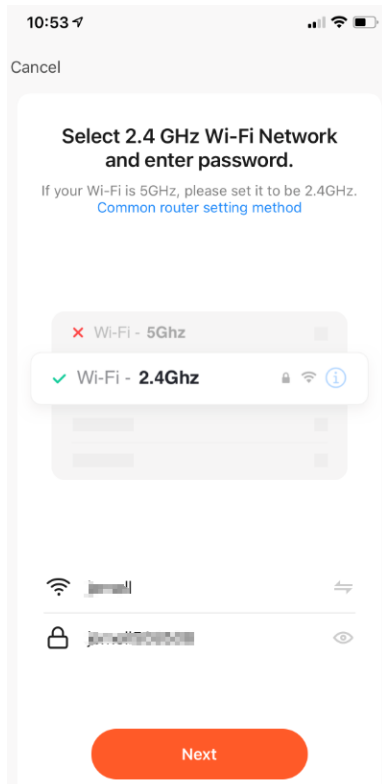
Briefly pressing once on the M button will switch the timer on. You can set the time when the heater is to switch itself off by pressing the + or - buttons: with each press it will go an hour forwards or backwards. The timer time is set after 5x unchanged blinking. The display will now alternately show the room temperature and the set number of hours. The heater will switch itself off after the set number of hours.

Wi-Fi and app operation:

The heater can also be controlled with an app on your smartphone. To do this, the heater must be connected to a Wi-Fi modem.

1. Download the control App('tuyasmart' or 'smart life') from App store or Android market.
2. Open the app and select Register
3. Enter your mobile phone number, the country code has already been filled in for you
3. You will receive an SMS with a verification code. Within 60 seconds, enter this verification code and your chosen password and select confirm to confirm the registration.
4. In order to use the App, your heater must be added to the App. Select Add Device.
5. On the heater, the WiFi indicator light will blink rapidly
6. When the lamp on the heater is blinking rapidly, select in the App: confirm indicator rapidly blinking
7. Enter the correct Wi-Fi password
8. A connection will now be made between the App and the heater
9. Select 'Done' once the connection has been successfully established
10. The screen for operating the heater will now appear
11. 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.
12. Your heater now can be controlled by the App, you can set the temperature and **one week timer** in the App.
13. After connected, the WiFi indicator light on the heater will stop blink and keep on.
14. Wi-Fi can be switched on/off by long press the power button on the control panel.

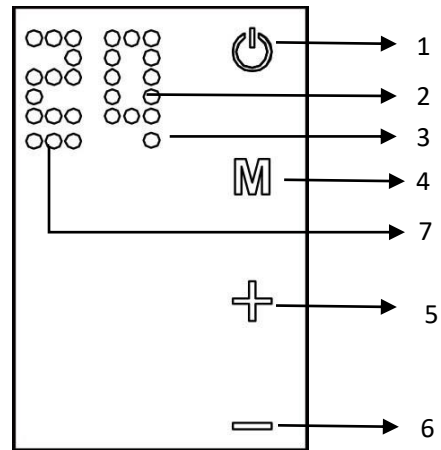




Control System Description

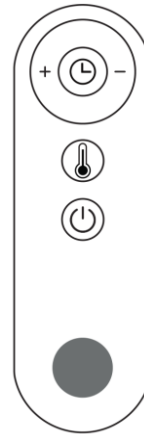
Control Panel:

1. Power on/off switch
2. Display
3. WiFi indicator light
4. Timer button
5. Temp./Timer UP key
6. Temp./Timer DOWN key
7. Heating indicator light (three dots will be on when the heater is heating)



Remote Controller buttons:

- +: Up key
- : Down key
- : Temperature setting button
- : Timer setting button
- : Power button



SPECIFICATIONS

Model No.: JCH-45YW. Size: 90X50cm. AC 220-240V, 50-60Hz, 450W
Model No.: JCH-60YW. Size: 100X60cm. AC 220-240V, 50-60Hz, 600W
Model No.: JCH-72YW. Size: 120X60cm. AC 220-240V, 50-60Hz, 720W

PACKING LIST

- Heater: 1 piece
- Instruction manual: 1 piece
- Remote controller: 1 piece
- Feet(with screw): 2 pieces
- Accessories for wall mounting:
 - 4xplastic rail
 - 4xmetal screw

Information requirement for the electric local space heaters

Model identifier(s): JCH-45YW					
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}	0,5	kW	manual heat charge control, with integrated thermostat	[no]
Minimum heat output (indicative)	P_{min}	0,0	kW	manual heat charge control with room and/or outdoor temperature feedback	[no]
Maximum continuous heat output	$P_{max,c}$	0,5	kW	electronic heat charge control with room and/or outdoor temperature feedback	[no]
Auxiliary electricity consumption				fan assisted heat output	
At nominal heat output	e_{lmax}	0,000	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e_{lmin}	0,000	kW	single stage heat output and no room temperature control	[no]
In standby mode	e_{lSB}	0,000	kW	Two or more manual stages, no room temperature control	[no]
				with mechanic thermostat room temperature control	[no]
				with electronic room temperature control	[yes]
				electronic room temperature control plus day timer	[yes]
				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	[no]
				with distance control option	[yes]
				with adaptive start control	[no]
				with working time limitation	[no]
				with black bulb sensor	[no]
Contact details					

Kaiser plastic GmbH
 Koelnerstrasse 100
 57610 Altenkirchen
 Germany
 mail@kaiser-plastic.de
 www.kaiser-plastic.de

Information requirement for the electric local space heaters

Model identifier(s): JCH-60YW					
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}	0,6	kW	manual heat charge control, with integrated thermostat	[no]
Minimum heat output (indicative)	P_{min}	0,0	kW	manual heat charge control with room and/or outdoor temperature feedback	[no]
Maximum continuous heat output	$P_{max,c}$	0,6	kW	electronic heat charge control with room and/or outdoor temperature feedback	[no]
Auxiliary electricity consumption				fan assisted heat output	
At nominal heat output	e_{lmax}	0,000	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e_{lmin}	0,000	kW	single stage heat output and no room temperature control	[no]
In standby mode	e_{lSB}	0,000	kW	Two or more manual stages, no room temperature control	[no]
				with mechanic thermostat room temperature control	[no]
				with electronic room temperature control	[yes]
				electronic room temperature control plus day timer	[yes]
				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	[no]
				with distance control option	[yes]
				with adaptive start control	[no]
				with working time limitation	[no]
				with black bulb sensor	[no]
Contact details					

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Information requirement for the electric local space heaters

Model identifier(s): JCH-72YW				
Item	Symbol	Value	Unit	
Heat output				Type of heat input, for electric storage local space heaters only (select one)
Nominal heat output	P_{nom}	0,7	kW	manual heat charge control, with integrated thermostat [no]
Minimum heat output (indicative)	P_{min}	0,0	kW	manual heat charge control with room and/or outdoor temperature feedback [no]
Maximum continuous heat output	$P_{max,c}$	0,7	kW	electronic heat charge control with room and/or outdoor temperature feedback [no]
Auxiliary electricity consumption				fan assisted heat output [no]
At nominal heat output	e_{lmax}	0,000	kW	Type of heat output/room temperature control (select one)
At minimum heat output	e_{lmin}	0,000	kW	single stage heat output and no room temperature control [no]
In standby mode	e_{lsB}	0,000	kW	Two or more manual stages, no room temperature control [no]
				with mechanic thermostat room temperature control [no]
				with electronic room temperature control [yes]
				electronic room temperature control plus day timer [yes]
				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 [no]
				with distance control option [yes]
				with adaptive start control [no]
				with working time limitation [no]
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