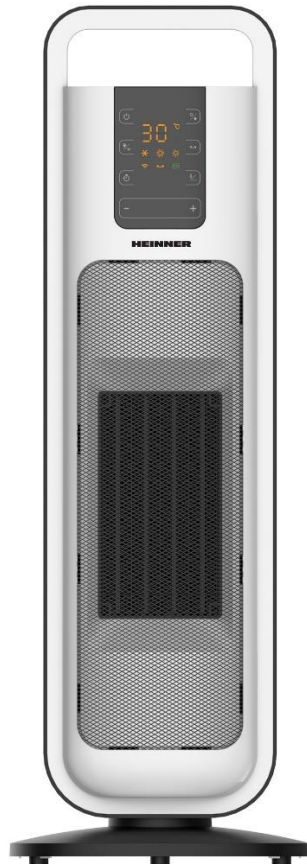


# CERAMIC HEATER

Model:  
HCH-L2000WH



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

- LED display
- Remote control
- ECO function

**HEINNER**

## 1. INTRODUCTION


**Please read this instruction manual carefully before using it and keep it for later information.**

This manual is conceived for offering you all of the necessary info regarding instalation, using and maintenance of the machine. For a correctly and safely use of the machine, please, read this manual before instalation and using.

## 2. PACKAGE CONTENTS

- Ceramic fan heater
- Instruction manual
- Warranty card

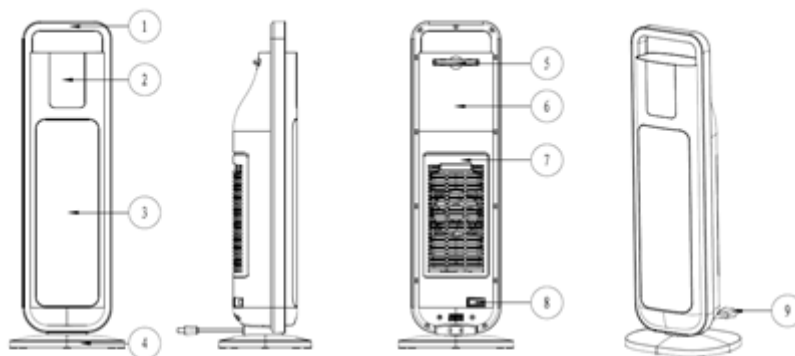
## 3. SAFETY WARNINGS AND PRECAUTIONS

1. Please read all instructions carefully before using this product.
2. This product is for household use only.
3. 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.
4. Children should be supervised to ensure that they do not play with the appliance.
5. 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 done by children without supervision.
6. If the supply cord is damaged, it must be replaced by the manufacturer, an authorized service or similarly qualified persons in order to avoid a hazard.
7. Children of less than 3 years should be kept away unless continuously supervised.
8. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that 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 less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
9. **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.
10.  **WARNING:** In order to avoid overheating, do not cover the heater.
11. Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
12. The heater must not be located immediately below a socket outlet.
13. **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
14. Do not use this heater if it has been dropped
15. Do not use if there are visible signs of damage to the heater
16. Use this heater on a horizontal and stable surface.
17. **WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet
18. If the supply cord is damaged, it must be replaced by the manufacturer, an authorized service or similarly qualified persons in order to avoid a hazard.

19. If the product has any failure, please take it to a service station or notify the after-sales service center.
20. Do not disassemble or replace parts without authorization.
21. Do not touch the power cord and plug it in with wet hands.
22. It is strictly forbidden to insert foreign objects such as wooden and metal sticks into the air inlet and outlet.
23. Do not spray insecticides or flammable sprays around the product.
24. Avoid blowing air to young children for a long time.
25. Do not pull the cord when unplugging the power cord.
26. Make sure that there is no foreign matter stuck on the power plug, and fully insert the plug.
27. If the product has any strange smell or noise during use, stop using it immediately and unplug the power supply.
28. Do not fold the power cord or place heavy objects on it.
29. When going out or not using the device for a long time, be sure to turn off the power and unplug the power cord.
30. Only use conforming power outlet that meets the requirements.
31. Make sure that the power voltage used is consistent with the voltage specified on the nameplate of the device.
32. Please confirm the operating voltage before relocating.
33. Do not place any object on the device.
34. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
35. Keep new and used batteries away from children.
36. If the battery compartment does not close securely, stop using the product and keep it away from children.
37. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
38. The batteries contain materials which are hazardous to the environment; they must be removed from the appliance before it is scrapped and that they are disposed of safely.

## 4. PRODUCT DESCRIPTION

### Product overview

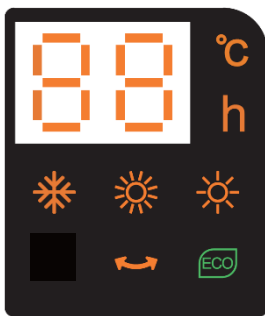









<b>1. Front shell</b>	<b>6. Rear shell</b>
<b>2. Control panel</b>	<b>7. Rear net cover</b>
<b>3. Iron net</b>	<b>8. Carbon fire switch</b>
<b>4. Base</b>	<b>9. Power cord</b>
<b>5. Remote control</b>	

## Operation panel

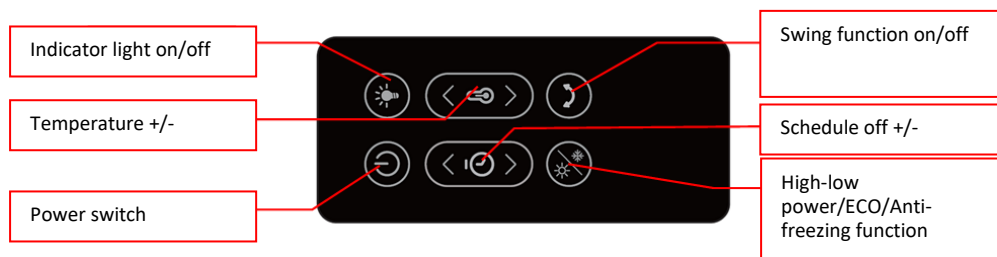


## Display panel



1. One wind direction indicator light: led\_ 
2. One ECO function indicator light: led\_ 
3. One temperature unit indicator light: led\_ 
4. One timer unit indicator light: led\_ 
5. One low-power indicator light: led\_ 
6. One high-power indicator light: led\_ 
7. One anti-freezing function indicator light: led\_ 



## Remote controller









# 5. PRODUCT INSTALLATION AND OPERATION METHOD

## How to use each function button

### I. On/off key:


1. When the power is turned on, the heater makes "Bi-Bi" sound and enters the standby state, the nixie tube displays "--", all other function indicators are turned off, except for the  key and the  timer key.




2. In the standby state, press the  key to turn on, and press it again to turn off; the default state after power on is:

- Heating at low power, low power led\_  is on, high-power led\_  is off, and anti-freezing function led\_  is off.
- In continuous heating state, the nixie tube displays the default set temperature of 35°C and led\_  is on.
- No timer: led “h” is off.
- The fan is turned on.
- ECO turned off, led\_  is off.


**Note:** The temperature judgment will not be executed within 10 seconds after power-on. If the heater is turned off in heating state; if the heater is switched to cooling state for more than 30 seconds before it is turned off, the fan will be turned off directly.

## II. Power level/anti-freezing function switch key:



In the power-on state, press the  power level/anti-freezing function switch key to switch among low-power heating → high-power heating → anti-freezing function → low-power heating...:

1. Low-power heating: PTC works at low-power, led\_  is on.
2. High-power heating: PTC works at high-power, led\_  is on. (When switching from low power to high power, the high-power PTC will work after 10 seconds delay. The low power indicator does not light up.)
3. Anti-freezing function: After entering the intelligent anti-freezing function, led\_  lights up, and the heater automatically keeps the room temperature at 7°C.






## III. Screen off key:

In the power-on state, press the screen off button to turn on the screen-off function, all the indicators turn off, and the heater enters screen-off state; when the heater is in screen-off state, press the  screen-off key or any key to turn on the indicator lights, the function does not switch, and then press other keys to execute the corresponding function.


## IV. Swing key:





In the power-on state, press the  key to turn on/off the swing function, and the indicator led\_  will turn on/off accordingly.

## V. Timer key:

1. In power-on state, press the  key to enter the schedule off function setting. The setting range is 0-24H (0 means no timer), and the set time does not accumulate; in the setting state, if there is no operation within 5 seconds or when you press any key other than ,  and , the setting completes and the countdown starts. After the countdown is over, the heater shuts down and enters the standby state without sound.
2. In standby state, press the  key to enter the timer function setting, and led “h” turns on. The setting range is 1-24H (0 means no timer), and the set time does not accumulate; in the setting state, if there is no operation within 5 seconds, the setting completes and the countdown starts. The nixie tube flashes to display the set time. After the countdown is over, the heater automatically turns on, and remembers the function before the last shutdown (the schedule off function isn't saved).


## VI. Temperature/ECO function switch key:

In the power-on state, press the  temperature/ECO function switch key to cycle through the functions of temperature setting → ECO mode → temperature setting...:


1. The temperature setting range is 15°C-35°C.
2. The setting completes if there is no operation within 5 seconds or when you press any key other than ,  and .
3. When the ambient temperature reaches the set value, all functions turn off (entering the shutdown, sleep state); when the ambient temperature drops to 2°C below the set value, the functions turn on again.
4. The nixie tube only displays the temperature by default. The temperature and timer are displayed alternately with an interval of 30 seconds only when the timer is set.
5. ECO mode: After entering the intelligent ECO mode, led\_  turns on, and the nixie tube does not display (if the timer is not turned on). The heater automatically adjusts the heating power according to the room temperature to make the equipment more energy-saving. Its operation rules are as follows:

- a) When the ambient temperature is equal to or less than 18°C, the PTC runs at high power;
- b) When the ambient temperature is greater than 18°C and less than 25°C, the PTC runs at low power;
- c) When the ambient temperature is equal to or greater than 25°C, all functions are turned off.

## VII. “-” key:

In the state of temperature and timer setting, press the  key to adjust the setting value downward; press and hold it for more than 2 seconds to realize the quick setting.

## VIII. “+” key:

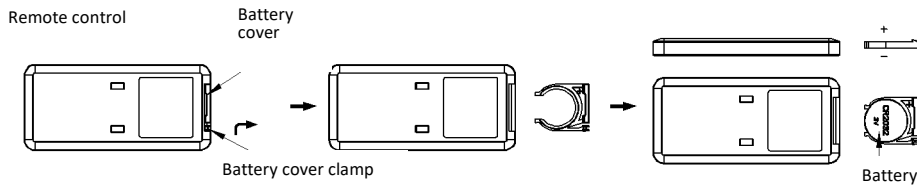
In the state of temperature and timer setting, press the  key to adjust the setting value upward; press and hold it for more than 2 seconds to realize the quick setting.

## IX. Other functions:

1. Automatic standby function: After 12 hours of continuous work without any operation (during this period), it will automatically shut down and enter the standby state.
2. Tip-over protection: If the heater tips over, it enters the power-off state. When restored to normal, it enters the standby state.
3. If the heater has been working continuously for 1 minute without operation, the LED display will dim to solve the glare problem at night; the brightness will restore normal when there is any operation.
4. Power-on memory function: If the heater is shut down without disconnecting the power, it will keep the working state before shutdown after restart, except for the timer function.
5. High temperature protection function:
  - a) When the temperature collected by the PTC ambient temperature sensor exceeds 55°C, the heater is forced to shut down and enter the standby state. Only when the temperature drops below 45°C, it can be restarted manually (this high temperature protection function is for overheating protection caused by abnormal PTC heating).
  - b) When the PTC ambient temperature sensor is open or short-circuited, the heater is in a protected state and can't be turned on, and the nixie tube displays "EE".

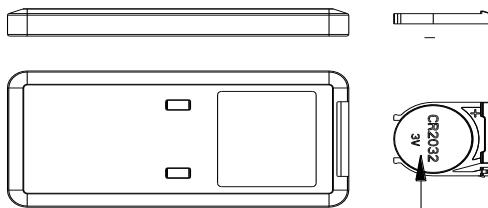
## Use of remote control:

1. Open the battery cover at the bottom of the remote control, as shown in Fig. 3 (press the clamp on the battery cover inward and pull the battery cover back out).
2. Check the polarity of the battery and install it into the groove of the battery cover, as shown in Fig. 4.
3. Insert the battery cover back to the bottom of the remote control.



(Fig. 3)

(Fig. 4)



## 6. CARE AND MAINTENANCE

1. Before cleaning, repairing and maintaining, please turn off the power and pull out the plug.
2. To clean the surface, wipe with a dry cloth. Do not use gasoline, thinner or corrosive detergent or solvent.
3. Do not rinse with water.
4. If too many foreign matters adhere to the filters, it will affect the air blowing effect, so please clean them at least once every month.
5. Do not use chemicals for cleaning.
6. Filter cleaning: soak the filters with detergent for a few minutes, and then clean and dry them.
7. Install the filters in order. Ensure that the installation is correct.
8. Please pack the device when it is not in use for a long time.

## 7. TECHNICAL PARAMETERS

Model	HCH-L2000WH
Rated voltage	220-240V~
Rated frequency	50 /60Hz
Rated power	2000 W
Noise	≤50 dB

Model identifier(s): <b>HCH-L2000WH</b>					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	Pnom	2.0	kW	manual heat charge control, with integrated thermostat	NA
Minimum heat output (indicative)	Pmin	1,3	kW	manual heat charge control with room and/or outdoor temperature feedback	NA
Maximum continuous heat output	Pmax,c	2,0	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				elmax 0,0 kW Type of heat output/room temperature control (select one)	
At minimum heat output				elmin 0,0 kW single stage heat output and no room temperature control	
In standby mode				eISB 0,00021 kW Two or more manual stages, no room temperature control	
				with mechanic thermostat room temperature control	
				with electronic room temperature control	
				with electronic room temperature control plus day timer	
				with electronic room temperature control plus week timer	
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	
				room temperature control, with open window detection	
				with distance control option	
				with adaptive start control	
				with working time limitation	
				with black bulb sensor	
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## CUSTOMER CARE AND SERVICE

Always use original spare parts.

When contacting our Authorised Service Centre, ensure that you have the following data available: Model and Serial Number.

The information can be found on the rating plate. Subject to change without notice.

Thank you for purchasing this product. If you need support with your product, visit our website using the links below.

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**Get Service information:** <https://www.heinner.ro>



**Environment friendly disposal**

You can help protect the environment!

Please remember to respect the local regulations: hand in the non-working electrical equipment's to an appropriate waste disposal center.



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This product is in conformity with norms and standards of European Community.



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