
UNITED®

QUARTZ HEATER UHQ-887



INSTRUCTIONS MANUAL

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

READ CAREFULLY AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

SAFETY REGULATIONS

1. The heater should be placed and used at a suitable place, forbid putting the heater under a power socket.
2. In the range that can be radiated around the heater, do not put any flammable materials. The appliance must not be used in spaces with flammable gas and dust either.
3. The heater should be placed more than 1 meter away from any flammable material, and avoid the fixed irradiation for a long time.
4. The heater should be put on a smooth, solid, leveled and stable surface for operation.
5. The cable should be carefully placed so as to avoid tripping over the heater while walking. The cable must be kept away from the top part of the heater, away from getting in contact with the radiation cover and the net cover, and away from being heated by the infrared.
6. Do not hang clothes dripping or drenched with rain above the heater, and avoid any entering water as it could lead to electric shock risk. Avoid covering the radiation and net covers with flammable materials as there exists a risk for fire or electric shock.
7. The socket cable should be properly grounded. Select a suitable power socket for connection.
8. The supplied voltage and frequency should be in accordance with the technical parameter request of the heater.
9. Do not power other appliances from the same power supply line providing power to the heater.
10. Do not touch the radiation cover when the appliance is in operation, as the high temperatures can result in personal injury and scalding.
11. Do not operate the unit if the net cover is not properly in place.
12. When stopping operation, you should turn off the heater and pull out the plug carefully. Do not draw the cable with hand.
13. When not in use for a long time, the appliance should be packed well so as to protect it from dust. Store in a dry and ventilated place.
14. Do not use in rooms with only children, animals, or people lacking for self-control or having moving difficulties, without supervision.
15. Do not use the heater in a small room occupied by persons not capable of leaving the room on their own unless consistent supervision is provided.
16. If the appliance does not operate normally, please contact the after-sale service for repair, avoid trying any repairs on your own as there exist no user serviceable parts inside.
17. Do not cover or use in an incorrect position, as there is a risk of fire Do not set the heater at starting automatically; and turn off when the electrical power is cut, to avoid starting automatically when the power supply is resumed and nobody is in the room.
18. When the heater is stored in a place with temperature below -20°C , it should be brought to a temperature above -20°C before being used.
19. Do not use this heater with a programmer, timer or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.
20. Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
21. WARNING: In order to avoid overheating, do not cover the heater.
22. 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.
23. 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 the 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.

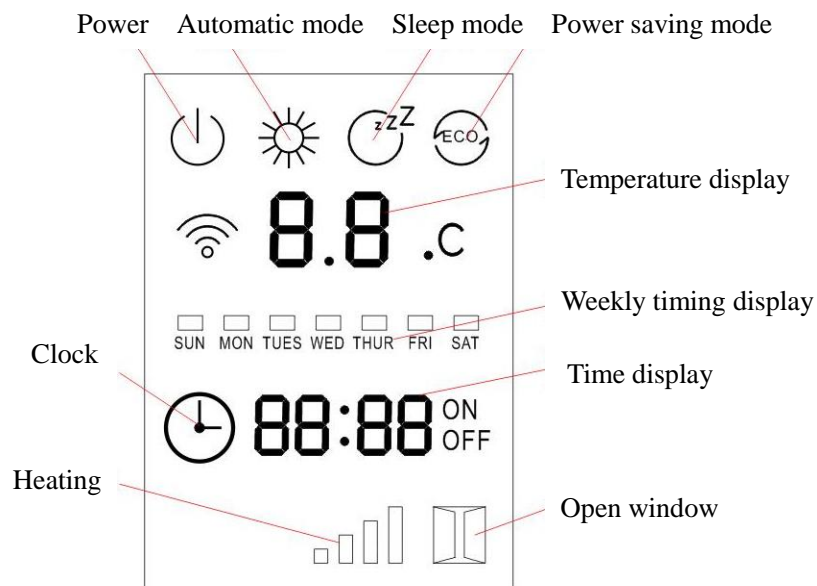
24. Children should be supervised to ensure that they do not play with the appliance.
25. Children of less than 3 years should be kept away unless continuously supervised. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed 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.

ASSEMBLY

1. Carefully turn the appliance upside down to fit the castors.
2. Take out the wheel plates and wheels and insert the wheels onto the wheel plates.
3. Turn out the butterfly nut, and slide the wheel plate at the right position.
4. Secure the wheel plate by tightening the butterfly nut.
5. Put the appliance in the upright position.

OPERATION

1. Display panel description




2. Functional description

2.1. This heater has 4 modes: normal, automatic, sleep, power saving.

2.2. Standby: Once you connect to power, the heater will have a short beep, all lights on display will be on for 1 second, and then will automatic go off. The power indicator "⏻" lights up, the heater enters the standby condition. Then if you press "SETTING", the heater will enter the reservation condition, you

can set the heater to power on after 1 to 15 hours by press “+” and “-”.

2.3. Power on: In standby mode, press “ON/OFF” to start up, the heater will start working with 2200W, all heating indicator “” light up.

2.4. Power off: In power on mode, press “ON/OFF” again to shut down, the heater will enter standby mode. (except when the heater enters to “open window” mode)

2.5. Mode switch: press “Mode”, you can freely switch between any of the below 4 modes.


Mode	Adjust power	Adjust set temperature	Timing	Weekly timing
Normal mode	All power output (4 tubes light up) to half power output (2 tubes light up)	Cannot set temperature (Fixed at 38°C)	Set from 1 hour to 15 hours	Not Applicable
Automatic mode	Automatically by thermostat Half / full power (2/4 tubes)	15°C-32°C	Cannot set	Not Applicable
Sleep mode	All power output (4 tubes light up)	Cannot set temperature (Fixed at 28°C)	Set from 1 hour to 15 hours	Not Applicable
Power saving mode	Automatically by thermostat or timer Half / full power (2/4 tubes)	15°C-32°C	Cannot set	YES




3. Mode operation


3.1. Normal mode:

In normal mode, the heater will start “temperature sensing” status and “open window temperature sensing” status, their description as below:

“Temperature sensing” description: When the heater is working with full power (four tubes all light up), if the sensor detects the ambient temperature is higher than 38°C, two tubes on the heater will go out and the other two tubes will keep lighting up. When the sensor detects the ambient temperature is below 38°C, the heater will resume working with full power (four tubes will all light up).


“Open window temperature sensing” description: When the heater is working with full power (four tubes all light up), if the sensor detects a sudden ambient temperature decline of 5°C within 300 seconds, two tubes on the heater will go out and the other two tubes will keep lighting up. The open window indication “” lights up, you can close the open window indication by any button, then the heater will resume heating with full power (four tubes all light up).


(1) Turning on power switch, the heater enters on standby mode, power indication “” light up, press “ON/OFF” again, the heater will start working with all power at 2200W, and heating indication “” will light up. If you press “-”, the heater will start working with half power that 1100W, and half heating indication “” will light up. Then if you press “+” again, the heater will work with full power. You can press “+” and “-” to adjust the heater working condition according to your own needs.

(2) In power on mode, you can press “SETTING” to set the timer, when the time light flickers, press “+” and “-” to adjust timing between 1 hour to 15 hours, with 1 hour increments. After you set the time wait 5 seconds or directly press “SETTING”, the heater starts the operation countdown, and time indication “” lights up. Press the button “SETTING” again, time will be reset. After the countdown finishes, the heater stops operating and returns to standby condition.

3.2. Automatic mode:

In automatic mode, the heater will start “open window temperature sensing” status as explained below:

“Open window temperature sensing” description: When the heater is working with full power (four tubes all light up), if the sensor detects a sudden ambient temperature decline of 5°C within 300 seconds, two tubes on the heater will go out and the other two tubes will keep lighting up. The open window indication “” lights up, you can close the open window indication by any button, then the heater will resume heating with full power (four tubes all light up).

(1) Press the button “MODE” to enter automatic mode, the automatic indication “” lights up, the heater starts working with full power at 2200W.


(2) Press the button “+” and “-” to freely adjust the set temperature between 15°C and 32°C. The display will flicker and show the set temperature. Wait 5 seconds or directly press “SETTING”, the set temperature is confirmed and you exit the adjustable condition. The heater starts operation and heating. Note: when the set temperature is higher than the ambient temperature (the ambient temperature can be seen on display when the heater starts up), the heater will start operation with full power (four tubes all light up). When the set temperature is below the ambient temperature, then two tubes on the heater will go out and the other two tubes will keep lighting up


3.3. Sleep mode:


In sleep mode, the heater will start at “temperature sensing” status and “open window temperature

sensing” status as explained below:

“Temperature sensing” description: When the heater is working with full power (four tubes all light up), if the sensor detects the ambient temperature is higher than 28°C, two tubes on the heater will go out and the other two tubes will keep lighting up. When the sensor detects the ambient temperature is below 28°C, the heater will resume working with full power (four tubes will all light up).


“Open window temperature sensing” description: When the heater is working with full power (four tubes all light up), if the sensor detects a sudden ambient temperature decline of 5°C within 300 seconds, two tubes on the heater will go out and the other two tubes will keep lighting up. The open window indication  lights up, you can close the open window indication by any button, then the heater will resume heating with full power (four tubes all light up).

(1) Press the button “MODE” to enter sleep mode, the sleep indication  lights up, the heater starts operation with full power at 2200W.

(2) Press “SETTING” to set timing, when the time light flickers, press “+” and “-” to adjust the time between 1 hour and 15 hours, with 1 hour increments. After you set timing, wait 5 seconds or directly press “SETTING”. The timer will work, and the timer indication  lights up, with the display showing the countdown condition. Press the button “SETTING” again, and the timing will be r-set. After the countdown finishes, the heater stops operation and returns to standby condition.


3.4. Power saving mode

In power saving mode, you can set weekly timer and temperature according to your own needs. the operation as below:

(1) Press “MODE” to enter power saving mode, the power saving indication  lights up.

(2) Press “+” and “-” to freely adjust the set temperature between 15°C and 32°C. The display flickers and shows the set temperature. Wait for 5 seconds or directly press “SETTING”, the set temperature is confirmed and you exit the adjustable condition. The heater starts operation and heating. Note: when the set temperature is higher than the ambient temperature (the ambient temperature can be seen on the display when the heater starts up), the heater will start operation with full power (four tubes all light up). When the set temperature is below the ambient temperature, then two tubes on the heater will go out and other two tubes will keep lighting up.

1. Time calibration setting

In power saving mode, the power saving indication  lights up.

(1-1) Press the button "SETTING" to set the time to the current time. Press "+" or "-" to adjust current date from Monday to Sunday. (If today is Monday, you can set date to "Mon" and the indicator lights up.) Then press "SETTING" again, the date is confirmed and you can enter the time setting condition.

(1-2) You can set hour by pressing "+" (24 hours a day, every adjustment increases one hour and repeats this cycle), and set minute by pressing "-" (60 minutes an hour, every adjustment increases one minute and repeats this cycle). If current time is 12:00, you need to adjust time to 12:00.


2. Weekly timer setting

(2-1) After time calibration, press "SETTING" again to set the start date of weekly timing, you can press "+" and "-" to set start date from Monday to Sunday, then press "SETTING" again to confirm the start date that you set. "ON" will be shown on display, then you can set the start time.

(2-2) When "ON" is displayed, you can set the hour by pressing "+" (24 hours a day, every adjustment increases one hour and repeats this cycle), and set minute by pressing "-" (60 minutes an hour, every adjustment increases one minute and repeats this cycle), then press "SETTING" again to confirm the start time that you have set. "OFF" will be shown on display, then you can set stopping time.

(2-3) When "OFF" is displayed, you can set hour by pressing "+" (24 hours a day, every adjustment increases one hour and repeats this cycle), and set minute by pressing "-" (60 minutes an hour, every adjustment increases one minute and repeats this cycle), then press "SETTING" again to confirm the stopping time that you have set. The heater re-enters timing setting condition to set the next timing.

(2-4) If you need another timing for another day, you can repeat steps (2-1) (press "+" and "-" to set date), (2-2), (2-3), (2-4).

(2-5) When you have completed setting, press and hold the "setting" for 2 seconds, the heater will exit weekly setting condition, and timer starts. The display shows current time, and clock  lights up.

(3) When time shown on display reaches start time that you have set before, the heater will start operation at the set temperature. When time shown on display reaches stopping time that you have set before, the heater will stop operation.

Weekly date and time settings					
Stage	times of press "SETTING"	The heater Condition	Display	Press "+"	Press "-"
Time calibration setting	First	Adjust the date to the current date	The date light flickers	Date forward	Date backward
	Second	Adjust the time to the current time	The time light flickers	every pressing increases one hour & repeats this cycle	every pressing increases one minute & repeats this cycle
Weekly timing setting	Third	Set start date	The date light flickers	Date forward	Date backward
	Fourth	Set start time	The time light flickers, "ON" lights	every pressing increases one hour & repeats this cycle	every pressing increases one minute & repeats this cycle
	Fifth	Set stopping time	The time light flickers, "OFF" lights	every pressing increases one hour & repeats this cycle	every pressing increases one minute & repeats this cycle
	If you need to set timing for another day, you can repeat steps "third" (can press "+" and "-" to set date), "fourth", "Fifth".				
Complete setting	Hold this pressed for 2 seconds	1.The heater exits weekly timing setting condition, and timer starts. 2.Display shows the current time, and clock "🕒" lights up.			

Note: When the heater is operating in weekly setting time, if the heater meets open window function, two tubes on the heater will go out and the other two tubes will keep lighting up. You can press any button to make the heater resume operation in weekly setting time condition.

REMOTE CONTROL



= ON/OFF

M = MODE

S = SETTING

The remote control has the same function as the control panel.

MAINTENANCE

1. Please pull out the plug and let the unit cool down completely before storing or maintaining.
2. You should clean the appliance frequently using a soft cloth. You must pull down the screws and nut, take off the net cover before cleaning the inner surface of the radiation cover. Avoid using a wet or flammable cloth to clean the heat device, also avoid hanging any cloth or other flammable material on it. You must set up the net cover and fix the screws after cleaning.
3. When the external surface is too dirty, it could be cleaned using a lightly moist cloth and some neutral detergent, and then be completely dried.
4. When cleaning, avoid using petrol, solvents, or any other chemicals to avoid damaging the heaters' surface.
5. Let the unit cool down completely, dry it, and pack it carefully, then store it in a dry and ventilated place.

Model identifier(s): UHQ-887

Item	Symbol	Value	unit	Item	unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	2,2	kW	single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	1,1	kW	Two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	$P_{max,c}$	2,2	kW	with mechanic thermostat room temperature control	[no]
Power consumption				with electronic room temperature control	[no]
In off mode	P_o	0,00	W	electronic room temperature control plus day timer	[no]
In standby mode	P_{sm}	0,40	W	electronic room temperature control plus week timer	[yes]
In idle mode	P_{idle}	NA	W	Other control options (multiple selections possible)	
In network standby	P_{nsm}	NA	W	room temperature control, with presence detection	[no]
Standby mode with display of information or status			no	room temperature control, with open window detection	[yes]
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	89	%	distance control option	[no]
				adaptive start control	[no]
				working time limitation	[no]
				black bulb sensor	[no]
				self-learning functionality	[no]
				Control accuracy	[no]
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NOTICE ABOUT RECYCLING



Your product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please dispose of this equipment at your local community waste collection/recycling centre. In the European Union there are separate collection systems for used electrical and electronic products.

Please help us to conserve the environment we live in!

DECLARATION OF CONFORMITY

Herewith, Kalliopei Karida & CO LP, states that this product, complies with the requirements of below directives:

EMC-Directive: 14 / 30 / EU

Low Voltage Directive: 14/ 35 / EU

ErP Directive: 09/125/EC

CE Marking: 93 / 68 / EEC

RoHS Directive: 11 / 65 / EU & 15 / 863 / EU

The detailed declaration of conformity can be found at www.united-electronics.gr



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