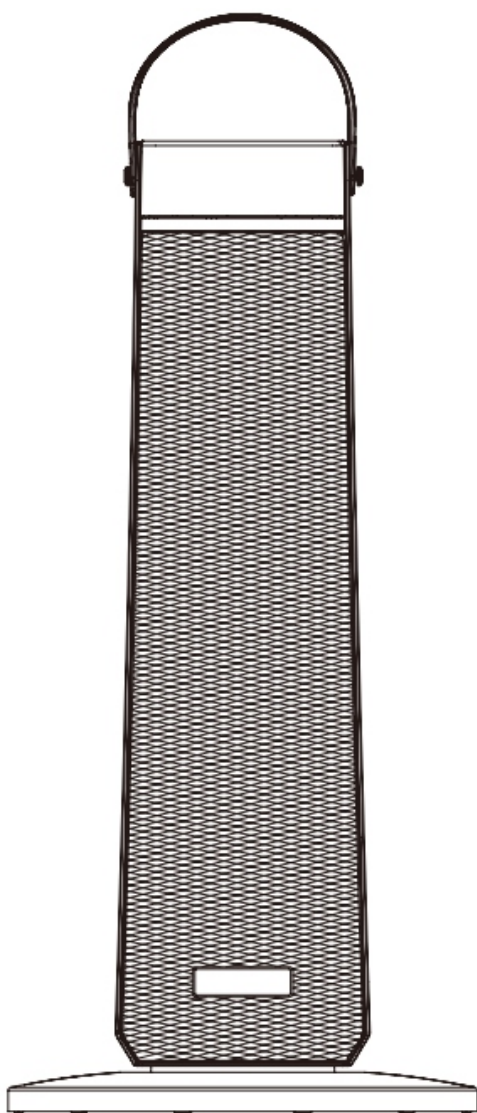




IN260500040V01_UK

820-524V70



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

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY.

IMPORTANT INSTRUCTIONS

First carefully read the instruction manual in full prior to using the appliance and keep this manual for future reference.

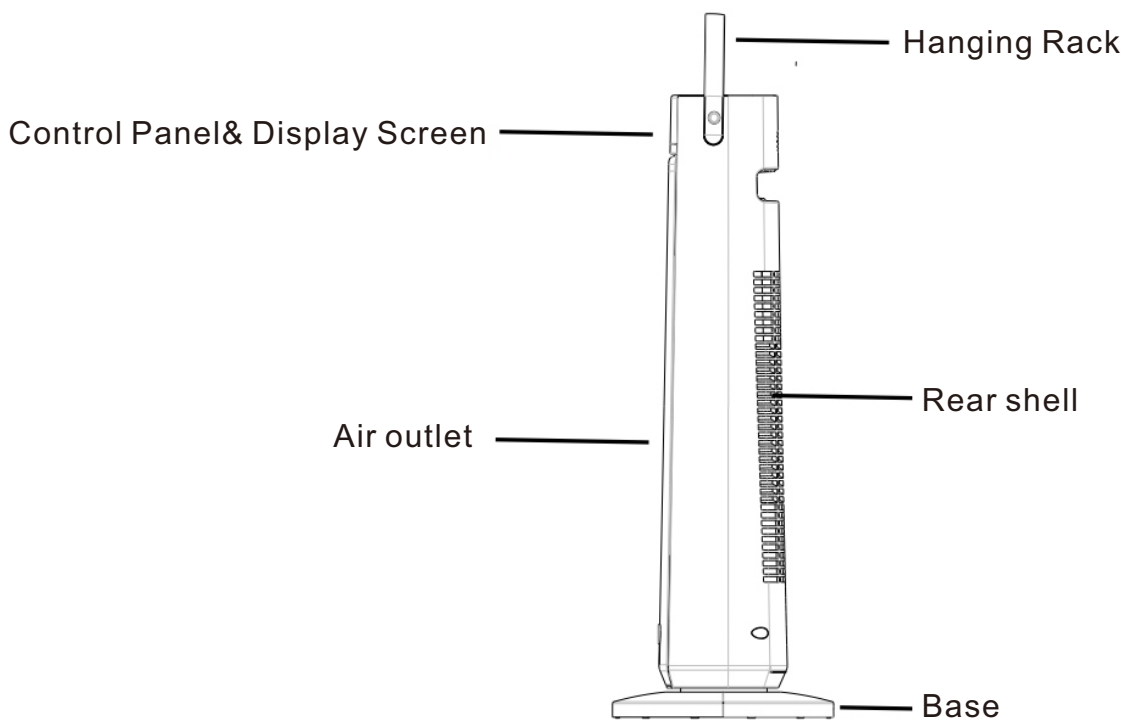
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- 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.
- **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.
- 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.
- **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.



- **WARNING:** In order to avoid overheating, do not cover the heater.
- The heater must not be located immediately below a socket-outlet.
- 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.
- **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.
- **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.
- Only use this appliance for the purposes described in the instruction manual.
- Only connect this product to main power compliant with the information on the power plate.
- Do not cover this product with inflammable objects in case of overheating or fire.
- Don't plug in before properly installed.

- Confirm the power is compliant with the label.
- Check the power cord if it's damaged, do not fold or pull the power cord hard.
- Do not place this product right under a power socket.
- Do not use this product in bathroom or near a pool.
- Keep children away from this product while working.
- Changing the power cord must be performed by professionals.
- Please unplug the product when moving this product or power supply breaks.
- Do not move the product when the water tank is full.
- Do not use this product for too long in confined spaces.
- Make sure the inside of this product dries out to use it again, or it will be damaged.
- Do not exceed the maximum water level when adding water into tanks.
- Do not use this product in places wet, dusty or extreme hot.
- Do not use this product near curtains or cloths which is easy to be sucked into the air intake.
- This product is intended to be used by adults physically and mentally healthy.
- Do not insert fingers or point objects into wind window of the product.
- Do not unplug the plug with a wet hand.
- Never submerge the product, power cord or plug in water.
- 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.
- Important Notice: The control panel shall not get wet in any circumstances. Power must be cut off when clean this product.

Structural Diagram



Technical Parameters

Rated Voltage	Rated Power	With Handle	Control	Dimension
230V~/50Hz	1350/2000W	Yes	Remote	230x230x620mm

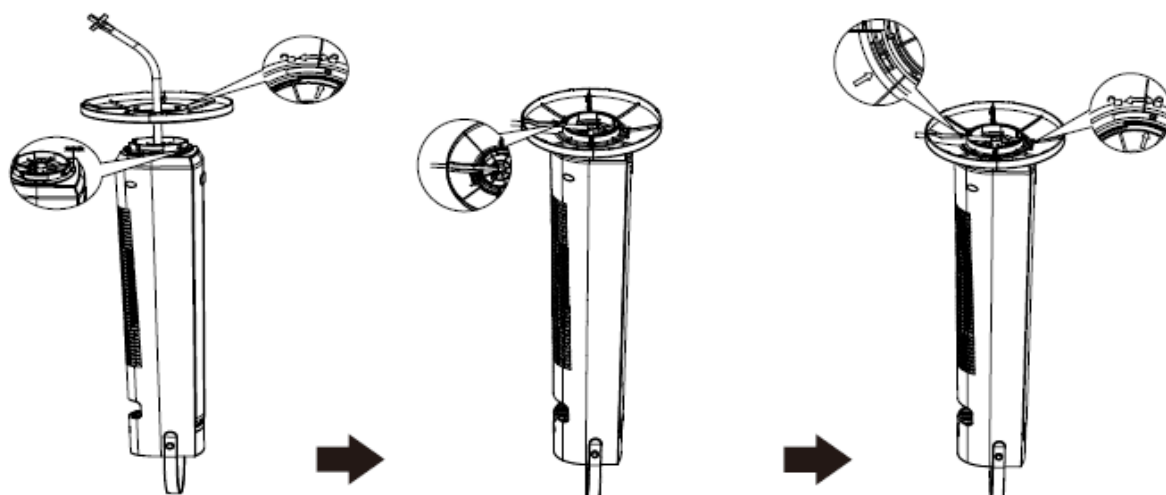
Installation Instructions

Step 1: Take out the parts from the box.

Step 2: Clip the two part of the base together

Step 3: Turn the main part upside down, put the power cord through the hole in the base and locate the main part to the unlock sign, and fasten the base by turning it counter-clockwise until the locator turns to lock sign position.

Step 4: Press the power cord into the groove, and turn the product upside down.



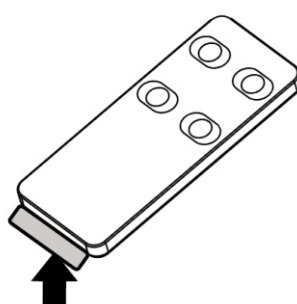
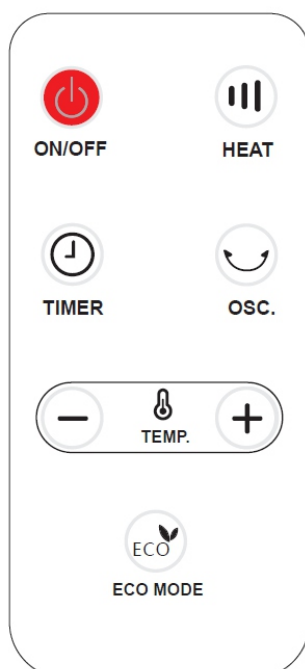
Control Panel



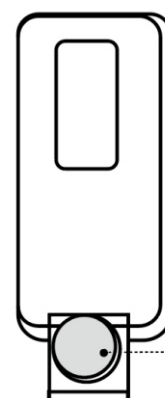
Hold for 3 sec.
to turn on LED



Remote



CR2025



Remove the insulation layer
before using the remote

Plug the power in the socket, press the 'ON/OFF' button after the product beeps, the indicator lights on and product start working.

ON/OFF key: The product turns on and start heating when press this key, and OFF by pressing it again.

Heat key: Press this key to select 'LOW' heat mode and 'HIGH' heat mode.

Timer key: The screen displays '0H' and turns on timer setting when press this key, the timer increase 1 hour by one press until displays '12', and turns to '0H' again by another press. The timer is set when the screen flashes for 3 seconds without operation, and turns back the temperature display.

OSC. Key: The body of the heater start oscillating from left to right when pressing this key, and stop by pressing it again.

Temp. Key: Press this key to start set heating temperature, temperature increases 1°C by one press, and the temperature is settable from 20°C to 40°C, the default start temperature is 3°C. The temperature is set when the screen flashes for 5 seconds without operation.

Light Key: the LED light turns on and off by pressing this key once and again.

ECO Mode: The economic mode turns on and off by pressing this key once and again. The heating works automatically when ECO mode is turned on, the heater start heating at 'HIGH' heat mode when the ambient temperature is lower than 18°C (screen displays '2d' for 3 seconds), and continue to work on 'LOW' heat mode when the ambient temperature reaches 18°C, and stops heating when ambient temperature reaches 22°C, the screen turns off and the fan blows for 15 seconds to cool down this heating element. And the heater turns on again when the ambient temperature is lower than 22°C. The heat repeats above process to keep the ambient temperature around 22°C automatically.

Remote Control: the functions of the remote is the same as on the control panel. Press the keys accordingly to control the functions.

Auto-off Screen: The display screen turns off after 3 minutes without operation, and awakens by pressing any key.

Note:

1. The fan keeps blowing for 30seconds when the OFF key is pressed to cool down the heating element inside.
2. The ambient temperature displayed on the screen is not very accurate.

Clearance and maintain

Please press the ON/OFF key to turn off the product and unplug from the socket before cleaning or maintenance.

Cleaning the exterior:

- Please use a clean and soft cloth or with neutral solvent to clean the exterior.
- Do not use corrosive or alkaline solvent to clean this product.
- Do not clean the inside of this product (Circuit board, motor, ect.) with any solvent and ensure no water reaches the control circuit in case of short circuit.
- Dry the exterior of this product.
- Do not submerge the product, power cord or plug in water in any circumstances.

Cleaning the air filtering curtain:

- Cleaning the air filtering curtain regularly is recommended in case of the filtering curtain getting clogged with dust or dirt.
- Unscrew the filtering curtain at the rear of the product and remove it
- Remove Back Air Intake Mesh from the holder, and clean it immediately if possible.
- Clean the filtering curtain with a mild detergent in lukewarm water (approx. 40°C). And rinse clean the filtering curtain properly with clean water and dry it in the air (do not dry it in direct sunlight or heating it to dry).
- It's recommended to clean the air filtering curtain every 2 months.
- The air filtering curtain has a longer life span if it's dried after use of COOLING mode every time. Switch off the cooling mode and keep it fanning for another 15 minutes is able to dry the filtering curtain.

Cleaning the Back Air Intake Mesh: Clean it with clean water and a soft brush and then carefully place it back in the holder. Do not use detergent as they will affect the life span of the mesh.

Cleaning the Air Filtering Curtain: Clean the filtering curtain with a vacuum cleaner with a soft brush nozzle.

Cleaning the Water Tank: Remove the water tank from the bottom and carefully disconnect the pump from the water tank. Remove any water that is still in the tank, and clean the tank with a soft detergent and warm water. Properly rinse with water and dry it. Fasten the pump in the holder again and place the water tank back in the bottom.

Seasonal Maintenance:

- Clean the product at the end of the season before storing it.
- Empty the water tank and clean it in accordance with above instructions.
- Clean the air filtering curtain and dry it properly.
- Store the ice pack in the water tank.
- Cover the product and store it upright on a dry and cool location.

Notice: When you found this product won't work or with abnormal smells, please cut-off the power immediately and inform our after-sales service department.



WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2** hours.
- **KEEP** new and used batteries **OUT OF REACH Of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Battery

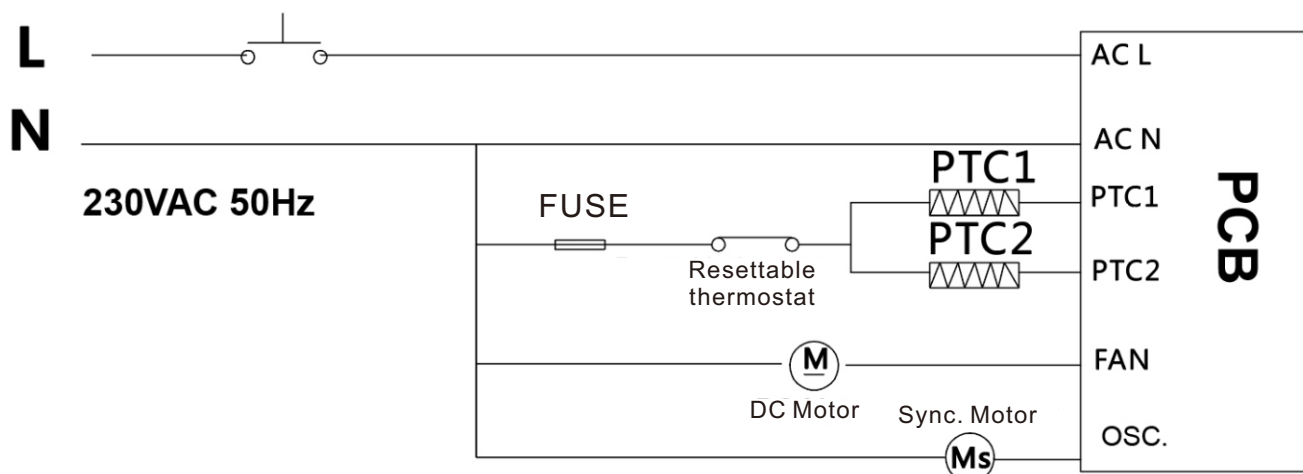
1) Battery type: CR2025

2) Nominal Voltage: 3V

Instructions and manuals

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Electrical Diagram



Disposal



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.

UK

If you have any questions, please contact our customer care center.

Our contact details are below:



0044-800-240-4004



enquiries@mhstar.co.uk

IMPORTER ADDRESS:

MH STAR UK Ltd

1 Northampton Cross Logistics Park

Northampton Cross Road

Northampton

NN4 9FH

MADE IN CHINA

Information requirements for electric local space heaters

Model identifier(s):820-524V70(QN816R)					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	2.000	kW	Single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	1.350	kW	Two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	$P_{max.c}$	2.000	kW	With mechanic thermostat room temperature control	[no]
Power consumption				With electronic room temperature control	[yes]
In off mode	P_o	N/A	W	Electronic room temperature control plus day timer	[no]
In standby mode	P_{sm}	0.20	W	Electronic room temperature control plus week timer	[no]
In idle mode	P_{idle}	0.20	W	Other control options (multiple selections possible)	
In network standby	P_{nsm}	N/A	W	Room temperature control, with presence detection	[no]
				Room temperature control, with open window detection	[no]
Standby mode with display of information or status			[no]	Distance control option	[no]
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	91.5	%	Adaptive start control	[no]
				Working time limitation	[yes]
				Black bulb sensor	[no]
				Self-learning functionality	[no]
				Control accuracy	[no]
Contact details:	IMPORTER ADDRESS: MH STAR UK Ltd 1 Northampton Cross Logistics Park Northampton Cross Road Northampton NN4 9FH MADE IN CHINA				

