

Please read carefully through this manual before using the product.

Model Number	NPE-20
Norminal Rated Power	2000W
Voltage / Frequency	220-240V ~ 50/60Hz
Air Flow	100m ³ /h
Class of Electric Protection	Class 1

IMPORTANT SAFETY CAUTIONS

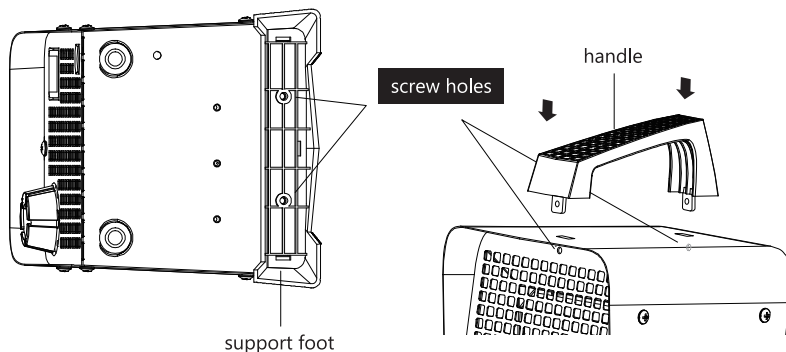
PLEASE READ ALL INSTRUCTIONS BEFORE USING THIS HEATER. WHEN USING ELECTRICAL APPLIANCES, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE RISK OF FIRE, ELECTRICAL SHOCK AND INJURY TO PERSONS OR PROPERTY, INCLUDING THE FOLLOWING:

- **WARNING:** When switching on the appliance for the first time, allow it to run at full power for about two hours to remove any unpleasant smell. Ensure the room is well ventilated during this operation. It is normal for the appliance to emit small cracking sounds when you turn it on for the first time.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving the unit. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9 meters) from the front and top of the radiator and keep them away from the sides and rear. Keep the rear grille away from walls or drapes so as not to block the air outlet.
- Extreme caution and supervision are necessary when using heater near children or pets.
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner.
- Do not use outdoors.
- This heater is not intended for use in any area where there is water.
- Do not run cord under carpeting. Do not cover the cord with throw rugs, runners or similar. Arrange cord away from traffic area where it will not be tripped over.
- To disconnect the heater, turn controls to OFF, then remove the plug from the outlet.
- Connect to properly polarized outlets only.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause electric shock, fire or damage to the heater.
- Do not use on soft surfaces, like a bed, where openings could become blocked.
- A heater has hot or arcing or sparking pads inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, injury to person or other damage to property.
- To prevent overload and blown fuses, be sure that no other appliance is plugged into the same outlet (receptacle) or into another outlet (receptacle) wired into the same circuit.

- It is normal for the heater's plug and cord to feel warm to the touch. A plug or cord which becomes hot to the touch or becomes distorted in shape may be a result of a worn electrical outlet. Worn outlets or receptacles should be replaced prior to further use of the heater. Plugging heater into a worn outlet may result in overheating of the power cord.
- Ensure the heater is stable, to eliminate the potential of tipping it over.
- We do not recommend use of an extension cord as it may overheat and cause a fire. However, if you have to use an extension cord, the cord should be No. 12 AWG minimum size and rated not less than 2550 watts, and has to be used only for supplying power to this heater.
- Be sure that the plug is fully inserted into an appropriate receptacle. Please remember that receptacles also deteriorate due to aging and continuous use; check periodically for signs of overheating or deformations evidenced by the plug. If the receptacle is overheating or deformed, do not use it. Call your electrician.
- Check that neither the appliance nor the power cable has been damaged in any way during transportation.
- Make sure that no pieces of polystyrene or other packaging material have been left between elements of the appliance.
- The appliance is not to be used 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.
- In order to avoid overheating, do not cover the heater.

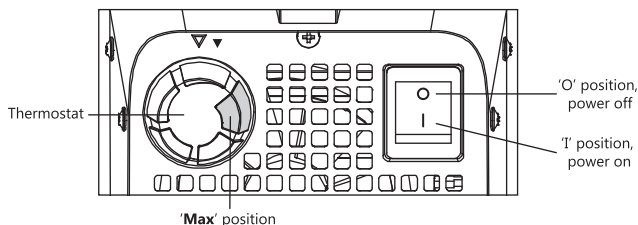
INSTALLATION

1. Put the handle on the top and fix the screw holes. Use the screws to tighten the handle.
2. For the support foot, turn over the heater and put the support foot on the bottom, press it into the holes, then lock the screws on the bottom.



OPERATION

- The heater is equipped with 3 power settings. When the switch is turned to the 'O' position, the heater is powered off. Turn switch to 'I' position. The fan-motor will run, turn the Thermostat to '▼' position for desired temperature.
- There is a red indicator light at the front of the heater. When the heater is working, it will light up. When heater stops working, it will turn off.
- Adjust the thermostat to 'MAX' position or select the desired power setting. Once the room is reaches the desired temperature, rotate the thermostat counter clockwise, until the heater shuts off. The thermostat maintains the temperature by cycling the heater on and off. During particularly cold weather, the low power setting may not be sufficient to meet the thermostat's demand. Select a higher setting during these periods.



OVERHEAT PROTECTION

- If tipped or flipped sideways, the heater will stop working immediately. Re-position the heater upright to resume heating operation.
- This heater features Overheat Protection; If the heater overheats internally, the thermal safety cut-off will activate and stop the heating. Allow the unit to cool for at least 10 minutes before reconnecting it to guarantee a full reset.

TECHNICAL PARAMETERS

Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only	
Nominal heat output	P_{nom}	2.0	kW	manual heat charge control, with integrated thermostat	no
Minimum heat output (indicative)	P_{min}	1.0	kW	manual heat charge control with room and/or outdoor temperature feedback	no
Maximum continuous heat output	$P_{max,c}$	2.1	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	el_{max}	0	kW	Type of heat output/room temperature control	
At minimum heat output	el_{min}	0	kW	single stage heat output and no room temperature control	no
In standby mode	el_{sb}	0	kW	Two or more manual stages, no room temperature control	no
				with mechanic thermostat room temperature control	yes
				with electronic room temperature control	no
				electronic room temperature control plus day timer	no
				electronic room temperature control plus week timer	no
				Other control options	
				room temperature control, with presence detection	no
				room temperature control, with open window detection	no
				with distance control option	no
				with adaptive start control	no
				with working time limitation	no
				with black bulb sensor	no

MAINTENANCE

- Before carrying out any maintenance work, make sure that the device has been disconnected from the mains and let the heater cool down for a few minutes.
- Periodically clean the appliance with a dry cloth to remove any dust. Do not use detergents or abrasive products.
- Using a vacuum cleaner, clean any dust from the intake grill and the air output openings.
- Do not immerse the device or spray with water.
- If the appliance is not to be used for any length of time, we recommend returning it to its original packaging and storing it in a dry, dust-free place.

ENVIRONMENTAL PROTECTION

For electrical products sold within the European Community.



This appliance is labeled in accordance with European Directive 2002/96/EC concerning Waste Electrical and Electronic Equipment (WEEE). Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

GUARANTEE

Please ensure that you retain your receipt which will act as both proof of purchase and a guarantee validation document.

Your product carries a 2 year guarantee from the date that the original purchaser receives it. If your product fails within the guarantee period please ensure that you have all necessary documentation available including proof of purchase (receipt or invoice with serial number, location and date of purchase) in addition to all original undamaged packaging and leaflets etc. It is strongly recommended that you inspect your product carefully before it is used or installed.

This product guarantee does not affect your statutory rights.



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