

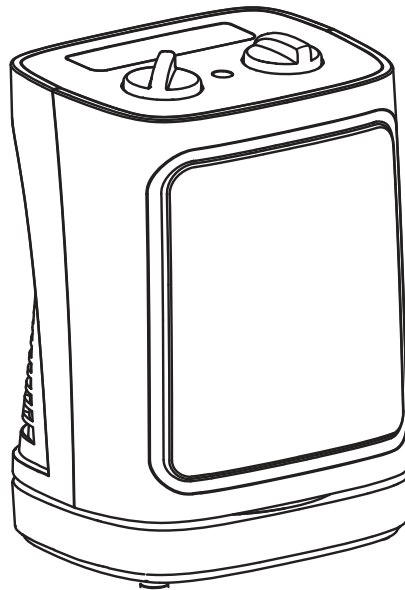


OWNER'S MANUAL

# **KANEDA**

## **PTC CERAMIC HEATER**

### **MODEL: KH-221M**



***READ AND SAVE THESE INSTRUCTIONS***

Attention: Pictures in the IM are for reference only.


## **IMPORTANT SAFEGUARDS**

When using any electrical appliance, basic safety precautions should always be followed, including the following:

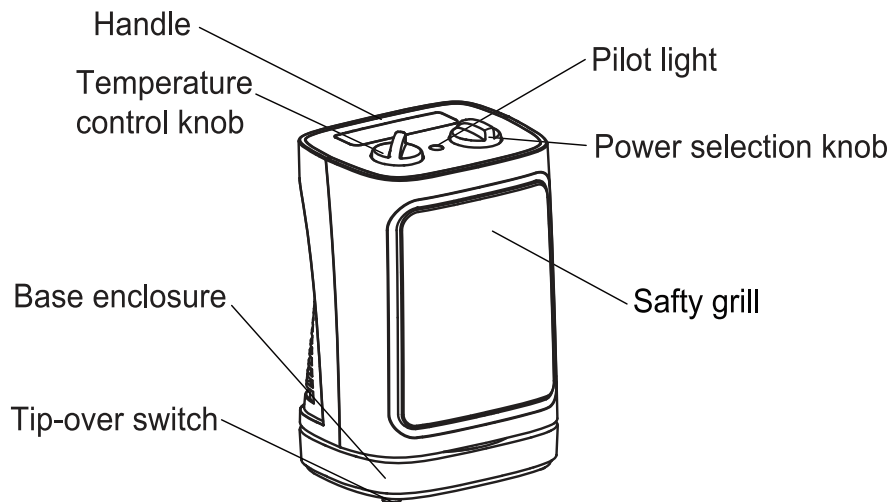
1. To ensure familiarity with the controls, safety features, and operation of your heater - Read all instructions before using.
2. To reduce hazard of injury due to electric shock
  - 2.1 Danger of shock exists even when the appliance is switched off. ALWAYS unplug when not in use.
  - 2.2 A heater should never be used under conditions where it may be immersed, or come in contact with water. Similarly do not plug in your heater if its surfaces are damp.
  - 2.3 Do not insert foreign objects through the intake or discharge grilles.
  - 2.4 Do not operate the heater with a damaged cord-set, or if it has been dropped, or damaged in any manner. Return it to our repair centre for inspection, repair and testing.
  - 2.5 Close supervision is required when any appliance is used by or near children.
  - 2.6 Disconnect the cord from the outlet before cleaning.
  - 2.7 Unplug heater by grasping plug and pulling it from the outlet.
  - 2.8 When storing your heater, keep it in a cool, dry place.
  - 2.9 This appliance plug should be 13Amp, ensure using the same power plug or above. Otherwise, it may cause danger.
3. To reduce hazard of injury or property damage due to heat, fire, or explosion:
  - 3.1 Position your heater away from furniture or loose hanging materials. Do not drape clothing or towels, etc, over the heater to dry.
  - 3.2 Keep the rear grille out from walls or drapes so as not to block the air intake.
  - 3.3 Use of an extension cord is not recommended. However, if it is absolutely necessary ensure the cord is:
    - The cross section of the cord should not be more than 1.0mm , the carrying capacity must be 13Amp.

- Short as possible (long cords coiled up can overheat , as well as cause tripping accidents )
  - No more than one appliance should be used in one power supply at a time.
- 3.4 Do not use in the presence of explosive or flammable vapors.
  - 3.5 Do not run in locations when the heater will be left unattended for long periods of time. (for example - several weeks in an unoccupied summer cottage).
  - 3.6 Use the heater on flat, dry surfaces only
  - 3.7 Do not use attachments or filters not recommended.
  - 3.8 Loose connections between the heater plug and the electrical outlet may cause the plug to overheat. Replace any worn electrical receptacles promptly.
  - 3.9 Use on 220-240V~, 50Hz power supply.
  - 3.10 Ensure no other appliances are plugged into the same circuit as your heater. A circuit overload could occur, resulting in dimmed lights, blown fuses, tripped circuit breakers, or fire hazard.
  - 3.11 Route the cord so that it will not be walked on, or pinched by furniture.
  - 3.12 This product is intended for normal household use only.
  - 3.13 This product cannot be used in kitchen or washroom etc. moisture areas.

## warning

1.  In order to avoid overheating, do not cover the heater.
2. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
3. 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.
4. The heater must not be located immediately below a socket-outlet.
5. Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
6. 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 reduced
7. 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.
8. 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

## PART FIGURE



## OPERATING INSTRUCTION

Check before turning on the machine

1. Check if the power wire is under good condition.
2. The product adopts 220-240V AC power supply, before use, please confirm if the rated current of the power socket meets the local requirements with safe grounding device, otherwise, please replace it with the qualified socket.

Put the machine on the flat place

Uneven place may possibly cause the turnover switch at abnormal position, then the heater can't work after turning on, therefore, please put the heater on the flat place, at least the surface below the base of the heater must be flat.

Temperature Control Knob

Insert the plug into the power socket, then turn the Temperature Control knob clockwise, when hearing the "poop" sound (it means the temperature controller is on), adjust the Temperature Control knob to the desired temperature level.

Power Selection Knob

Turn the Power selection knob to select between 4 functions: Low 1200W(LOW), High 2000W(HIGH), Low 1200W Swing (LOW SWING), High 2000W Swing (HIGH SWING).

Turn off the Heater

- A. Turn the Power selection knob to OFF position.
- B. Turn the Temperature Control knob anticlockwise to the initial position.
- C. Remove the power plug, store the heater after the entire machine has become cool.

Safety Protection

1.Overheat protection: When the temperature in the heater is too high due to abnormality in the use environment or improper use, the thermostat device can automatically cut off the power and the heater stops working. After the whole heater is cooling, the heater can return to the normal use after removing the abnormality.

2.Inversion protection: When the whole heater is inverted, the safety system will automatically cut off the power, and return to the work state before inversion after the body is placed upright.

## MAIN TECHNOLOGY SPECIFICATIONS

Power supply: AC220-240V ~ 50Hz

MODEL	POWER REGULATION RANGE (W)			
	LOW	HIGH	LOW SWING	HIGH SWING
KH-221M	1200	2000	1200	2000

## TROUBLESHOOTING

If the product does not operate or does not operate properly, first check according to the following list. If the reason the product does not operate or does not operate properly is not included in the following list, the product may have failed. At this time, it is recommended to send the product to the dealer or the dealer or service center for treatment.

Problem	Possible Cause	Solution
After the power is engaged, the power indicator light does not illuminate and the machine does not work.	The plug may not be plugged well.	Check whether the plug is properly inserted into the receptacle.
	The temperature control knob is not turned in place.	Check whether the temperature control knob is turned to the ON position.
The machine suddenly stops during heating.	The temperature exceeds the threshold of the thermal cut-off.	Cool the machine before use.

## MAINTENANCE

1. Always disconnect the core from the electrical outlet when cleaning your heater.
2. Light accumulated dust may be removed from the heater with a soft cloth or vacuum cleaner, using the dusting brush attachment; Interior dust can often be removed by using a vacuum cleaner in its blower mode with a crevice tool attachment.
3. Wipe the exterior surfaces of the heater occasionally with a cloth moistened (not dripping wet) with a solution of mild detergent and water. Dry the case thoroughly with a soft dry cloth before operating the heater.

**CAUTION:** Do not allow water to run into the interior of the heater as this could create a fire or electric shock hazard.

4. The fan motor is factory lubricated for life, and will require no further lubrication.
5. Store heaters in a clean and dry place when not in use.
6. No other user maintenance is required or recommended. If service is required, send your heater to the customer service center.

**ATTENTION:** Portable electric heaters are designed for spot heating, or as a supplementary heat source. They are not intended to be main sources of heat during the normal heating season.

There may be trace of smoke or odour when unit is first operated. Do not be alarmed. This indicates that a drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not re-occur.

## **TIPS:**

1. Do not put heater at the place near the door or route area, in case it will kick down. Power cord cannot be disheveled.
2. Please turn off heater before leaving house or not use.
3. Please do not let child near heater to avoid any hazard.  
The family with child is not recommended to use radiant heater unless there is properly safeguard for protection, for red light of heating tube may easily attract child and they may be burned or may be hurt by electric current.
4. Do not put sundries into heater, it may cause heater unable to use and also have fire risk.
5. Do not place heater near curtain, bedding or cloth, which is flammable. When dressing long and loose clothes, be careful of the cloth might be burned when getting near heater.

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In order to avoid overheating, do not cover the heater. Heater should not be located immediately below a socket-outlet.

## **DISPOSAL:**

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.