

# **INFRARED SPACE HEATER INSTRUCTION MANUAL**

## **ATTENTION:**

- 1. Find a location for the fireplace heater that is protected from direct sunlight.**
- 2. Do not plug the unit into the power outlet before reading all instructions.**

## **IMPORTANT SAFETY INSTRUCTIONS**

### **SAVE THESE INSTRUCTIONS FOR FUTURE USE**

**WHEN USING ELECTRICAL APPLIANCES, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, AND INJURY TO PERSONS, INCLUDING THE FOLLOWING:**

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1. Read all instructions before using this heater. Failure to follow these important safety instructions may cause fire, electric shock or damage. Following proper safety and operating instructions is the responsibility of the owner.
- 1) Grounding - this heater is for use on 120 volts. The cord has a plug with three blades for proper grounding. DO NOT attempt to modify the plug in any way or use adaptors to defeat the purpose of the grounding feature. Plug ONLY into a receptacle that accepts three-blade plug.
- 2) This heater has four rolling wheels. Use only on a flat floor. Never push or ride the heater when in use.
- 3) This heater is hot when in use. To avoid burns, do not let skin come in direct contact with hot surfaces. The grill directly in front of the heater outlet becomes hot during heater operation. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet away from the front of the unit and keep them away from the sides and rear.
- 4) CAUTION: Extreme caution is necessary when any heater is used by or near children or those with disabilities. Never leave the heater operating unattended.
- 5) Always unplug heater when not in use.
- 6) Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Take fireplace to authorized service facility for examination, electrical or mechanical adjustment or repair.
- 7) Under no circumstance should this electric heater be modified. Parts having to be removed for servicing must be replaced by a certified repair center prior to operating this electric heater again.

- 8) Do not use outdoors or anywhere it can get wet.
- 9) This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or in the vicinity of water.
- 10) Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- 11) To disconnect heater turn off all controls, then remove plug from outlet.
- 12) Connect to property grounded outlets only.
- 13) Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- 14) To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- 15) **CAUTION:** A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, propane, paint, or flammable liquids are used or stored or where the unit will be exposed to flammable vapors. The heater should not be used as a drying rack for clothing. Do not hang any decorations on the heater.
- 16) Do not modify this heater. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- 17) Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be No.16AWG minimum size and rated not less than 1875 watts, and 3-wire cord with grounding type plug and cord connector.
- 18) Do not plug this product into a receptacle controlled by a wall switch or dimmer.
- 19) Do not burn wood or other materials in this fireplace.
- 20) Always use a certified electrician should new circuits or outlets be required.
- 21) Always use properly grounded, fused and polarized outlets.
- 22) Always use ground fault protection where required by electrical code.
- 23) Always disconnect power before performing any cleaning, maintenance or relocation of the fireplace.
- 24) When storing or transporting the unit and cord, keep in a dry place, free from excessive vibration and store so as to avoid damage.

**NOTE:** Procedures and techniques that are considered important enough to emphasize.

**CAUTION:** Procedures and techniques, which, if not carefully followed, will result in damage to the equipment or personal property or may cause personal injury.

**WARNING:** Procedures and techniques, which, if not carefully followed, will expose the user to the risk of serious injury, illness or death.

**WARNING:**

This heater and parts become hot when in use. Be sure to maintain a personal distance and keep any combustible material at least ten feet away from the heater. The area directly around and under the heater must be clear and free of any obstructions.

**DO NOT ALLOW CHILDREN TO OPERATE. KEEP CHILDREN AND PETS AWAY FROM HEATER AND CONTROLS.**

## **HEATER PLACEMENT**

To achieve maximum efficiency of your infrared heater, please consider the following recommendations:

1. Locate your Infrared Heater close to an inside wall of the room in which it will be used. Face the exhaust vents of the heater toward the cooler outside walls of the house. This positioning will allow the heat to be moved across the room toward the outside walls to provide more even warmth throughout the room.
2. Make sure that windows and doors are not allowing a high rate of airflow into the room where you will locate your room heater. High airflow will minimize the effectiveness of your Infrared heater as it would any conventional type heater.
3. For best results, always try to maintain a minimum of 40% relative humidity in the environment to be heated.
4. It is recommended that the Infrared Heater be used in rooms that are insulated according to code. You can use your heater in a room whether insulated or not, but a non-insulated room will cause greater and faster heat loss which is counterproductive to the efficiency of the heater.
5. Keep the area around the heater clear of clutter and obstacles so that there is free airflow to and from the heater.
6. Be mindful to keep your heater out of the main traffic thoroughfares of the room in which it is located; it should be a welcome addition to the room rather than an obstacle to be stepped over or stepped around.

# HEATER OPERATION

**NOTE:** When changing settings, you must wait until the display stops flashing before you can change other settings.




**Control Panel**




**Remote Control**


**To Begin:** Plug your Infrared Heater power cord into a 120V, 15amp or 20amp three-bladed receptacle.


**To Turn the Heater On:** Turn on the main power O/I Switch on the Back of the heater.

Then press the power button  on the control panel or on the remote control.


**To Set the Temperature:** Press up  or

down  button on the control panel or on the remote control to the desired temperature. When desired ambient temperature is reached, the heater will automatically stop heating. When the ambient temperature drops below the desired temperature 2°C , the heater will resume heating.

**To Set the Heat Level:** Press the heat button  on the control panel or remote control to switch between high and low heat. The corresponding high (H) or low (L) LED indicates the current setting.

**To Set Timer:** Press  on the control panel or remote control. The numbers 0 to 8 will appear on the LED screen. 0 means there is no set running time and heater will run continuously. The numbers 1-8 mean the number of hours that the heater will operate before shutting off.

**To change between Celsius and Fahrenheit:**

Press  to toggle between the two temperature scales. The corresponding Celsius (C) or Fahrenheit (F) LED indicates the current setting.

## OPERATION MECHANISM

The Infrared Heater is a very safe and effective room heater. It produces safe, clean and economical heat by utilizing quartz infrared heating elements and multiple copper heater exchangers. The heating process of the Infrared Heater is similar to the way the Sun warms the Earth. The infrared elements warm the copper heat exchangers and the whisper quiet fan distributes the accumulated warmth. This process is unique among heaters in that it minimizes wasteful heat collection at the ceiling height of rooms and targets it toward the living space instead.

- 1) Air is brought into the heater through an easy to clean, washable filter.
- 2) Copper heat exchangers surround the long-lasting quartz infrared heating elements. The high volume fan pushes filtered air across the copper heat exchangers transferring accumulated heat to the air. There is no drying of the air with this method of heating and no harmful chemicals or pollutants are released.
- 3) As heat transfer occurs, the filtered air is circulated around the heat chamber, increasing the air temperature exiting the heater more than 120 degrees from the filtered air entering the heater.
- 4) Clean, filtered, warm air is circulated out the front vent of the Infrared Heater. This method of heat generation creates an even temperature from floor to ceiling while maintaining the heat at a comfortable level.

## ADDITIONAL FEATURES

### **Function 1: Play music**

Plug the fireplace into a 15AMP/120Volt outlet. Open the Bluetooth function in the phone setting. Then search and match. After connecting the Bluetooth speaker, open the mobile music player. Pick a song to play.

### **Function 2: Power charging**

Plug the fireplace into a 15AMP/120Volt outlet. Connect your mobile device to the USB interface via a data cable. Then can charge it.

### **FCC Notice**

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna  
Increase the separation between the device and receiver  
Connect the device into an outlet on a circuit different from that to which the receiver is connected  
Consult the dealer or an experienced radio/television technician for help

**Note:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.