

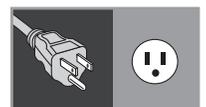


# Digital Infrared Quartz Heater With Remote Control

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## Features:

- 2 heat settings :  
Low (750W)  
High (1,500W)
- Eco Mode setting
- Full functioning remote control
- 12 hour timer function
- Electronic controls with Digital thermostat
- Grounded cordset
- 120V AC / 60Hz / 12.5A / 5,120 BTU



## INTENDED USE:

This product is intended for indoor residential and office use only, not for industrial or other commercial application. Use only with electrical wiring that is in good working order and that meets applicable codes and ordinances. This heater must be plugged in to a 120V AC, 15 Amp (or larger) circuit. Do not plug anything additional into the same circuit. If you have any questions whether your wiring is adequate, consult a qualified electrician. Risk of fire, overheating, malfunction, property damage, injury or even death may result if not adhered to.

Use your heater only with a working smoke detector located in the vicinity of your heater.

While using your heater, you should follow the **IMPORTANT INSTRUCTIONS** listed below. As part of those instructions, we have used the word "**WARNING**" to indicate the level of hazard: **WARNING** indicates a hazard which, if not avoided, could result in injury or death.

## IMPORTANT INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Read all the instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use provided handle when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9 meters) from the front of the heater and keep them away from the sides and rear.
- Do not use heater unattended. Use of extreme caution is necessary when any heater is used by or near children, invalids, disabled persons or pets.
- Do not operate the heater with a damaged power cord or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment or repair.
- Do not use heater outdoors
- Use your heater only in dry environments. This heater is not intended for use in a bathroom, laundry area, or similar locations, or near sinks, washing machines, swimming pools or other sources of water. Never locate heater where it may fall into a bathtub or other water container. Do not use in damp environments such as flooded basements.
- Do not place the fan on a small, unlevel, uneven or any surface which might allow heater to tip or fall.
- For proper operation, heater should be placed on a smooth, non-combustible, level surface. Do not place on rugs, carpet, vinyl flooring or other plastic surfaces. Not for use outdoors or in wet areas.
- This heater is not designed as a primary heat source.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip). Always unplug heater when not in use.
- Do not run power cord under carpeting. Do not cover cord with throw rugs, runners or similar coverings. Arrange cord away from traffic area where it will not be tripped over.
- To disconnect heater, turn controls off then remove plug from outlet.
- 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.
- 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.
- A heater has hot and arcing or sparking parts 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 or injury to persons or property.

## READ & SAVE THESE INSTRUCTIONS

### WARNING: SHOCK HAZARD

Use your heater only in dry environments. This heater is not intended for use in a bathroom, laundry area, or similar locations, or near sinks, washing machines, swimming pools or other sources of water. Never locate heater where it may fall into a bathtub or other water receptacle. Do not use in damp environments such as flooded basements.

### WARNING: HOT SURFACES

Do not touch body of heater when in use. This heater is hot when in use, to avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater.

### WARNING: FIRE HAZARD

Heater has hot and arcing or sparking parts inside. Do not use near combustible materials or flammable gases or sources of heat. **DO NOT USE** in areas where gasoline, paint or flammable materials are used or stored. Keep combustible materials such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear. 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. Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire, or damage the heater.

### WARNING: ELECTRICAL SHOCK HAZARD

Do not use with damaged cord or plug. Use with adequate electrical system that is up to code.

### CAUTION: TO PREVENT ELECTRIC SHOCK,

this product has a three prong grounded plug that must be inserted into a matching properly grounded outlet to reduce the risk of electrical shock. Do not attempt to defeat this safety feature.

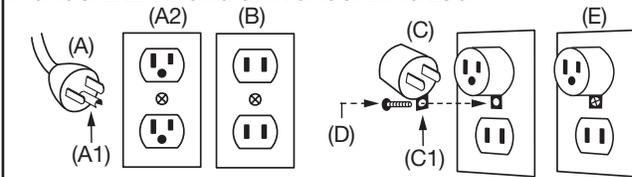
**DO NOT** operate any heater with a damaged cord or plug or after heater malfunctions, has been dropped or damaged in any manner. Do not operate heater with a broken heating element or ceramic cone or any visual imperfections. Disconnect power before servicing. For repairs covered under warranty, see warranty statement. For all other repairs contact Comfort Zone® Customer Service by telephone or mail for information and assistance.

**WARNING:** This heater has a voltage rating of 120 volts. The cord has a 3-prong grounding-type plug (A) which fits the 3-slot grounded receptacle (A2). **DO NOT** remove the grounding prong (A1) if only a 2-slot receptacle (B) is available.

For connecting 3-prong grounding-type plug to 2-slot receptacle, use an ADAPTER (C). The grounding lug (C1) extending from the adapter must be connected to a permanent ground with a Metal Screw (D) such as a properly grounded outlet box (E).

The adapter should not be used if a 3-slot grounded receptacle is available.

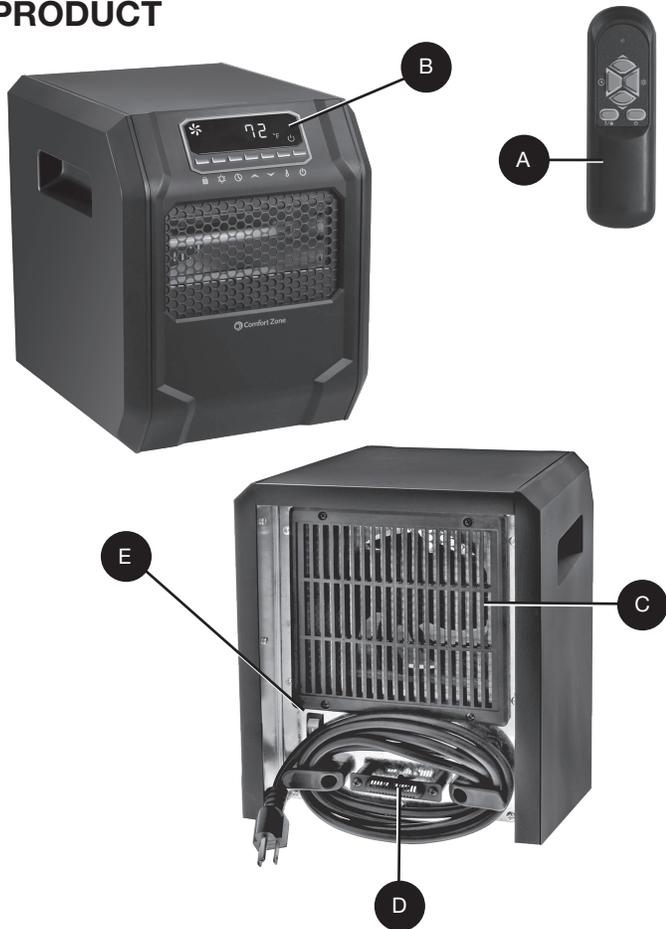
### DO NOT DEFEAT THE SAFETY PURPOSE OF EITHER A GROUNDED PRONG OR A GROUNDING LUG.



### PET OWNERS NOTE:

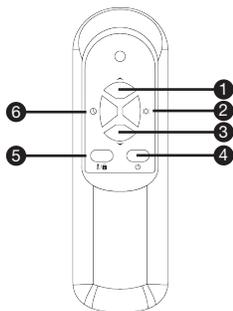
The health of birds and some small pets are extremely sensitive to the fumes given off during the initial use of many appliances. Although these fumes are not harmful to humans, it is recommended that this heater not be used around birds and small pets during its initial use until the manufacturing corrosion coatings burn off.

## PRODUCT



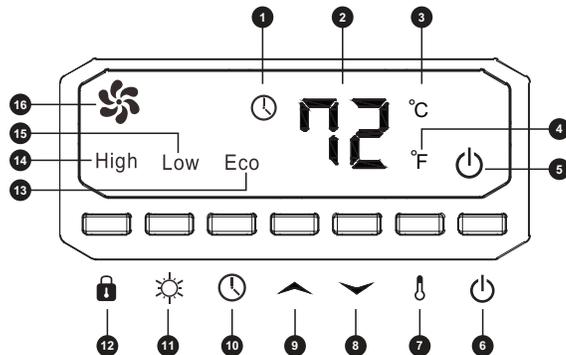
PART	DESCRIPTION
A	Remote Control
B	Control Panel
C	Filter Cover
D	Temperature Sensor
E	Master Power Switch

## REMOTE CONTROL:



PART	NAME	DESCRIPTION
1	Temp Up Button	Increases the set temperature value
2	Mode Button	Toggles between Hi / Low/ Eco Modes
3	Temp Down Button	Decreases the set temperature value
4	Power Button	Powers the heater on or off
5	Ambient Temperature / Safety Lock Button	Shows ambient temperature / Hold to engage or disengage safety lock
6	Timer Button	Engages the on/off timer

## CONTROL PANNEL

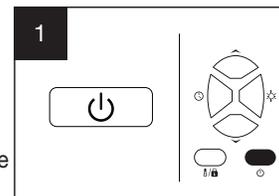


PART	NAME	DESCRIPTION
1	Timer Indicator Light	Indicates when the timer function is active
2	Digital Display	Readout of the set room temperature or timer value
3	Celsius Indicator Light	Indicates that the temperature is being displayed in Celsius
4	Fahrenheit Indicator Light	Indicates that the temperature is being displayed in Fahrenheit
5	Power Indicator Light	Indicates when the unit is receiving power from the wall outlet
6	Power Switch Button	Powers the heater ON or OFF
7	Ambient Temp. Button	Indicates ambient temp / hold to toggle between °C/°F
8	Temp-Down Button	Decreases the set temperature
9	Temp-Up Button	Increases the set temperature
10	Timer Button	Engages the on / off timer function
11	Heater Mode Button	Toggles between Hi / Low/ ECO Modes
12	Safety Lock Button	Hold to Lock / Unlock heater's control panel
13	Eco Indicator	Indicates when ECO mode is on
14	High Heat indicator	Indicates when High Heat mode is on
15	Low Heat Indicator	Indicates when Low Heat mode is on
16	Fan Indicator	Indicates when the Fan is on

## OPERATING INSTRUCTIONS

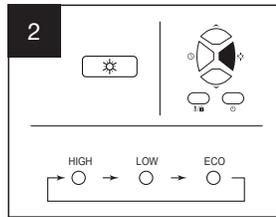
1. Turn the heater on or off by pressing the Power button on the control panel or by pressing the Power button on the remote control.

Once the power is off, heating elements will stop working first. The fan will continue working for up to 90 seconds to disperse residual heat inside the heater. This is a normal function.



2. Select a heat setting by pressing the HEAT button on either the control panel or the remote control to toggle between the three heat settings.

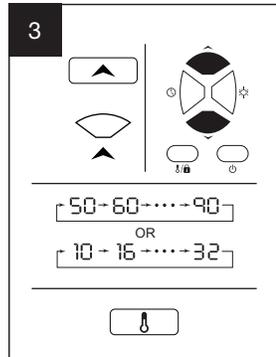
Power for heat-up mode is 1,500 Watts; heat-down is 750 Watts. ECO mode is an Economic Energy Saving Function. When ECO mode is chosen, the heater will operate to maintain a constant warm 68°F / 20°C.



3. Set the temperature by pressing the arrows on the control panel or the remote control. You can set the temperature on the heater anywhere between 50°F and 90°F or between 10°C and 32°C. Once you have chosen the desired temperature, the heater will remain on until the room temperature increases to the temperature on the digital display. The heater will cycle on and off to maintain the desired room temperature.

To view the ambient temperature press the ambient temperature button on the control panel.

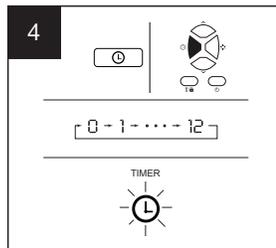
**Note:** Press and hold the ambient temperature button on the control panel for 5 seconds to switch the digital display indicator on the heater between Fahrenheit and Celsius. On the remote, short press the ambient temperature button to engage Ambient Temperature, long press for 3 seconds to engage Child Lock.



4. To set the timer power off, start the unit and press the Timer button on the control panel or remote control.

**Note:** The timer-power-off function can only be set when the heater is in power-on mode. The digital display on the control panel changes from the set temperature readout to a time value for the timer. Press the Timer button repeatedly to change the number value between a range of 0 to 12 hours (in 1-hour intervals).

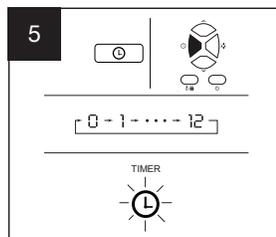
The Timer light turns on when the timer is set.



5. To set the timer power on, while powering off the unit press the Timer button on the control panel.

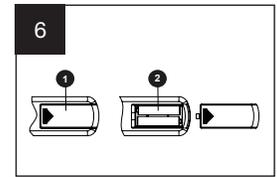
**Note:** The timer-power-on function can only be set when the heater is in power-off mode. The digital display on the control panel will indicate time value for the timer. Press the Timer button repeatedly to change the number value between a range of 0 to 12 hours (in 1-hour intervals).

The Timer light turns on when the timer is set.



6. To replace the batteries, remove the battery cover (1) from the remote by applying pressure to the battery cover (1) and sliding it away from the remote. Insert two AAA batteries (not included) (2) and close the remote by placing the battery cover (1) back on the remote.

**Note:** Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (NiCad, ni-mh, etc) batteries.



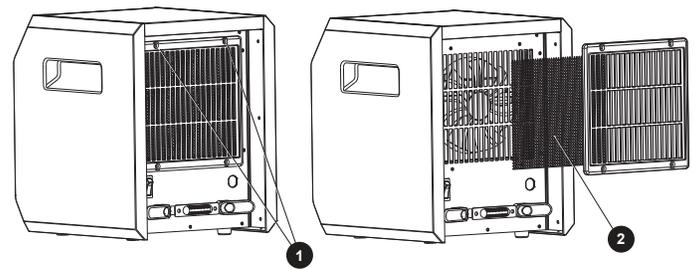
## CARE AND MAINTENANCE

### CLEANING THE AIR FILTER:

1. Clean the air filter (2) after three months or if it appears to be blocking airflow. With the heater unplugged, remove the two filter screws (1) as illustrated below. Clean all parts of the filter assembly and allow parts to completely dry.

2. Reassemble and reinstall the filter (2).

**Warning:** Do not use the heater without the filter assembly in place.



**CLEANING: CAUTION – Before cleaning the heater be sure to disconnect power cord and allow the heater to cool completely.** This heater should be cleaned at least once a year to maintain proper performance. Clean the outside surface with a clean damp cloth. Do not use harsh chemical or abrasive cleaners. **DO NOT IMMERSE THE HEATER IN WATER.** Allow heater to dry completely before use.

**REPAIR: DO NOT OPERATE THE HEATER WITHOUT THE GRILLE IN PLACE. DO NOT USE THE HEATER IF IT HAS MALFUNCTIONED OR BECOME DAMAGED IN ANY WAY. RETURN HEATER TO AUTHORIZED FACILITY FOR EXAMINATION, ELECTRICAL OR MECHANICAL ADJUSTMENT OR REPAIR.**

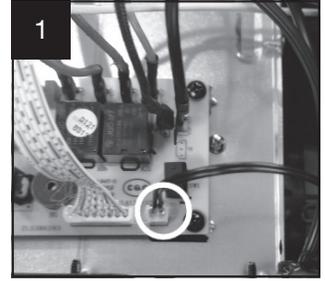
**STORAGE:** Keep original carton for storage of the heater. Coil and tie the power cord to avoid damage during storage.

## TROUBLESHOOTING:

If the heater will not operate, please check the following before seeking repair of service:

1. Check if the power cord is plugged into an electrical outlet, if not, plug in.
2. Check if electricity to the main fuse is working.
3. Check if the battery in remote control is not dead and if the insulating film is pulled out.
4. Check if the main power switch at the back of the unit is on.

**NOTE:** The heater may not operate if the thermostat is set lower than the room temperature. To begin operation, raise the thermostat temperature setting.



Issue/Problem	Possible Cause	Solution
The control panel is all black except the power indicator.	The overheat protection system has been engaged.	<ol style="list-style-type: none"> <li>1. Turn off the master power switch on the back of the heater and unplug the heater for 10 minutes <b>until it cools down</b>.</li> <li>2. Restart the heater by plugging the heater back in and turning on the master power switch on the back of the heater.</li> <li>3. Turn on the heater by pressing the power button on the control panel. Set a heat setting by pressing the heat button.</li> <li>4. The heater should be functioning normally.</li> </ol>
There is an E2 error code displayed on the control panel.	The temperature sensor malfunction connection may be loose.	<ol style="list-style-type: none"> <li>1. Power off the heater</li> <li>2. Open the heater housing</li> <li>3. Re-plug the inner wire and make sure the connection is solid (See Fig. 1).</li> </ol>
The Power indicator is blinking	The tip over safety switch has been engaged.	<ol style="list-style-type: none"> <li>1. Place the heater in an upright position.</li> <li>2. Turn the heater on by using the supplied remote control or by using the control panel on the heater.</li> </ol>

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## LIMITED WARRANTY

This unit is guaranteed to the original retail purchaser against defects in quality or workmanship for a period of one year from the date of original purchase. If this unit fails because of a manufacturing defect within 30 days of purchase, return the unit, with your receipt, to the retailer. After 30 days, but within the warranty period, if the unit was purchased within the continental United States, return it, freight prepaid, to World and Main for repair or replacement. If the unit was purchased outside the continental United States, return the unit to the place of purchase. This warranty does not cover damage caused by misuse, abuse, overheating or alteration. Repairs made by anyone other than World and Main are not covered in this warranty. World and Main will not be held liable for any losses due to neglectful operation. All implied warranties, including the warranties of merchantability and of fitness of purpose, if applicable, are hereby limited in duration to the period of one year from the date of original retail purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Incidental or consequential damages arising from a breach of either express or implied warranties are hereby disclaimed and excluded. Some states do not allow the exclusion of limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you. Upon the expiration of this warranty all such liability will terminate. No other warranties are expressed or implied.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. No informal dispute settlement mechanisms are available. This limited warranty is given in lieu of all other warranties.

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