Comfort Zone®

CZ650B Series



Digital Baseboard Heater

Features:

- Digital Thermostat and Timer
- Two Heat Settings:
  LOW Heat - 750 Watts
  HIGH Heat - 1,500 Watts (5,120 BTU)
- Top Mounted Control Panel
- Power Indicator Light
- Caution Indicator Light
- Safety Overheat Protection
- Safety Tip-Over Protection
- Silent Operation
- Stay Cool Body with Dent-Resistant End Panels
- 120V AC / 60Hz / 12.5A

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 heater 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 polarized two prong plug (one blade is wider than the other) that must be fully inserted into a matching properly grounded outlet. This plug is designed to fit a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician. 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.

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.

USAGE

HEATER OPERATION:

Always operate the heater in the upright position following all instructions and recommendations listed in this manual.

HEATER LOCATION: Place the heater in the area of the room that is coldest. Do not locate against walls or behind drapes or furniture.

HEATER CONNECTION: Plug heater directly into 120 Volt AC, 60Hz wall outlet. Be sure plug fits tightly in outlet. A loose connection may cause overheating and damage to the plug or heater.

NOTE: To prevent overloading a circuit, do not plug the heater into a circuit that is servicing other electrical needs.

OPERATING INSTRUCTIONS:

• Plug the power cord into a wall outlet (120V AC, 60Hz). Connect heater to properly grounded outlets only. Power Indicator Light will be illuminated and the unit will be in its standby state. In this state, "- -" is shown on the display and indicates that the unit is on but not heating.

TURN THE HEATER ON OR OFF BY PRESSING (⏻):
Pressing the ON/OFF button once will select the Low Heat (750W) setting, indicated by the illumination of the Low Heat Indicator Light.

Pressing the ON/OFF button a second time will select the High Heat (1,500W) setting, indicated by the illumination of the High Heat Indicator Light.

Pressing the ON/OFF button a third time will return the heater to the standby state. Make sure the heater is in the standby state before unplugging. The heater should be unplugged when not in use.

NOTE: During the heater's initial use, you may experience a slight odor or smoking. This is the result of the heating element lubrication "burning off". This is normal and will go away after a few minutes of use.

NOTE: Heater will function in the Low or High heat setting independently of the thermostat, when the thermostat is set to "00C" or "00F".

NOTE: The temperature value displayed in both heat settings is the current ambient temperature.

TEMPERATURE UNITS:
To switch between Celsius and Fahrenheit units, press the MODE button once. The digital display will blink 3 times and then automatically switch. Temperature will reset to the default setting when units are changed.

SETTING THE THERMOSTAT:
When the heater is in the heat setting (either Low or High), press the UP/DOWN button once to select the thermostat option. This is indicated by the illumination of the Temperature Indicator Light and by a flashing "00C" on the display (or "00F", depending on the selected units). At this time, press the UP/DOWN buttons to raise or lower the temperature set point.

Once the desired temperature is reached, press the MODE button once to select the Timer option or twice to exit both options – this will return the display to the ambient temperature. Alternatively, the unit will automatically save and exit after 15 seconds of inactivity, returning the display to the ambient temperature. After exiting, the Temperature Indicator Light will remain illuminated to show that the thermostat option is active.

NOTE: When the ambient air temperature is equal to or below the thermostat set point, the heater will automatically turn on. If the ambient air temperature is greater than the thermostat set point, the heater will turn off – in this state, the Power and Temperature Indicator Lights will remain illuminated and the ambient temperature will be displayed.



SETTING THE TIMER:
When the heater is in the heat setting (either Low or High), press the MODE button two times to select the timer option. This is indicated by the illumination of the Timer Indicator Light and by a flashing "00H" on the display. At this time, press the UP/DOWN buttons to set the length of time for the heater to run. The timer adjustment range is from 1 to 12 hours.

Once the desired time is reached, press the MODE button once to exit – this will return the display to the ambient temperature. Alternatively, the unit will automatically save and exit after 15 seconds of inactivity, returning the display to the ambient temperature. After exiting, the Timer Indicator Light will remain illuminated to show that the timer option is active.

To turn the timer off, select the timer option using the MODE button and adjust the time displayed to "00H".

NOTE: When the timer has reached its setting, the timer indicator light will turn off and the heater will automatically turn off, returning to the standby state.

USING THE THERMOSTAT AND TIMER AT THE SAME TIME:
It is possible to have both the thermostat and timer active at the same time. To do so, follow the instructions under "Setting the Thermostat". Once the desired temperature has been reached, press the MODE button once to select the timer option and follow the instructions under "Setting the Timer".

NOTE: When both the thermostat and timer options are active, the heater will remain on until the timer setting is reached. When the timer has reached its setting, the heater will automatically turn off, returning to the standby state.

CAUTION INDICATOR LIGHT:
When overheating occurs, the Caution Indicator Light will illuminate and the heater will turn off immediately. Refer to the 'Safety Features' section for heater reset instructions.

IMPORTANT SAFETY FEATURES:

The heater is equipped with an automatic overheat protection device located inside the body of the heater. If the heater grille is obstructed, or if the heater gets too hot for any reason, the automatic overheat protection device will turn the heater off. To reset the heater, simply turn power off and unplug the heater for 10 minutes until it cools down and then you may plug the heater in and restart. Be sure that the heater is on a smooth level surface with no obstructions. The heater is also equipped with a safety tip-over switch to turn power off to the heater when the heater tips over. To resume heater functions simply stand heater upright.

CARE AND MAINTENANCE:

WARNING: ALWAYS UNPLUG THE CORD BEFORE MOVING OR SERVICING. Do not use harsh chemical or abrasive cleaners. DO NOT IMMERSE THE HEATER IN WATER. Allow heater to dry completely before use.

CLEANING: IMPORTANT! DO NOT IMMERSE HEATER IN WATER! Clean the heater grille with the vacuum brush attachment on your vacuum cleaner. This will remove lint and dirt from inside the heater. DO NOT ATTEMPT TO TAKE APART THE HEATER. DO NOT REMOVE THE HEATER GRILLE. Clean the body of the heater with a soft cloth.

CAUTION: Do not use gasoline, benzene, paint thinner, harsh cleaners, etc. as they will damage the heater. NEVER USE ALCOHOL OR SOLVENTS.

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.

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

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.

Manufactured for:
World and Main (Cranbury), LLC
324A Half Acre Rd.
Cranbury, NJ 08512 USA
800-221-6895
www.comfortzoneproducts.com

Rev. 05/23/2022