

# Crane

## Infrared smartTOWER Heater

DESIGN  
FOR  
BETTER  
LIVING

# INSTRUCTION MANUAL

MODEL # EE-8083, EE-8083BK



If you have any questions about the operation of your infrared heater, please contact Crane Customer Care.

Toll Free: 888-599-0992

Email: [questions@crane-usa.com](mailto:questions@crane-usa.com)

Live Chat: [www.crane-usa.com](http://www.crane-usa.com) or with the FREE Crane App



**PLEASE READ AND SAVE ALL INSTRUCTIONS TO ENSURE  
THE SAFE AND EFFECTIVE USE OF THIS APPLIANCE.**

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For information about all CRANE products,  
please visit <http://www.crane-usa.com>.



## IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical products, especially when children are present.

**WARNING:** TO AVOID THE RISK OF ELECTRICAL SHOCK, ALWAYS MAKE SURE THE PRODUCT IS UNPLUGGED FROM THE ELECTRICAL OUTLET BEFORE RELOCATING, SERVICING, OR CLEANING IT.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE OUTLET SLOT AND FULLY INSERT.

## IMPORTANT INSTRUCTIONS

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:

1. Read all instructions before using this heater.
2. 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. 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.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use.
5. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination and/or repair.
6. Do not use outdoors.
7. 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 other water container.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
9. To disconnect heater, turn controls to off, then remove plug from outlet.
10. 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.
11. 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.
12. 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.
13. 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.
14. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
15. Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
16. NOTE: This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
17. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
  18. Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.
  19. Users should keep away from the heater at least 20cm when in use.

**SAVE ALL INSTRUCTIONS!**

## GENERAL SAFETY INSTRUCTIONS



**WARNING!** Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire or serious personal injury. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the user that common sense and caution are a factor which cannot be built into this product, but must be supplied by the user.

### SPECIAL INSTRUCTIONS

- To avoid a circuit overload when using this product, do not operate another high-wattage product on the same electrical circuit.
- Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire.

### SAVE ALL INSTRUCTIONS!

**CAUTION:** A short Power Supply Cord is provided to reduce the risk of personal injury resulting from becoming entangled in or tripping over a longer cord. Extension cords are available from local hardware stores and may be used if care is exercised in their use. If an extension cord is required, special care and caution is necessary. Also the extension cord must be (1) marked with an electrical rating of 125 V and at least 13 A., 1625 W., and (2) the cord must be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

### ELECTRIC POWER

If the electric circuit is overloaded by other appliances, your heater and/or appliances may not operate properly. The heater should be operated on a separate electrical circuit from other operating appliances.

### POLARIZED PLUG

This heater has a polarized plug (one blade is wider than the other). As a safety feature to reduce the risk of electrical shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.



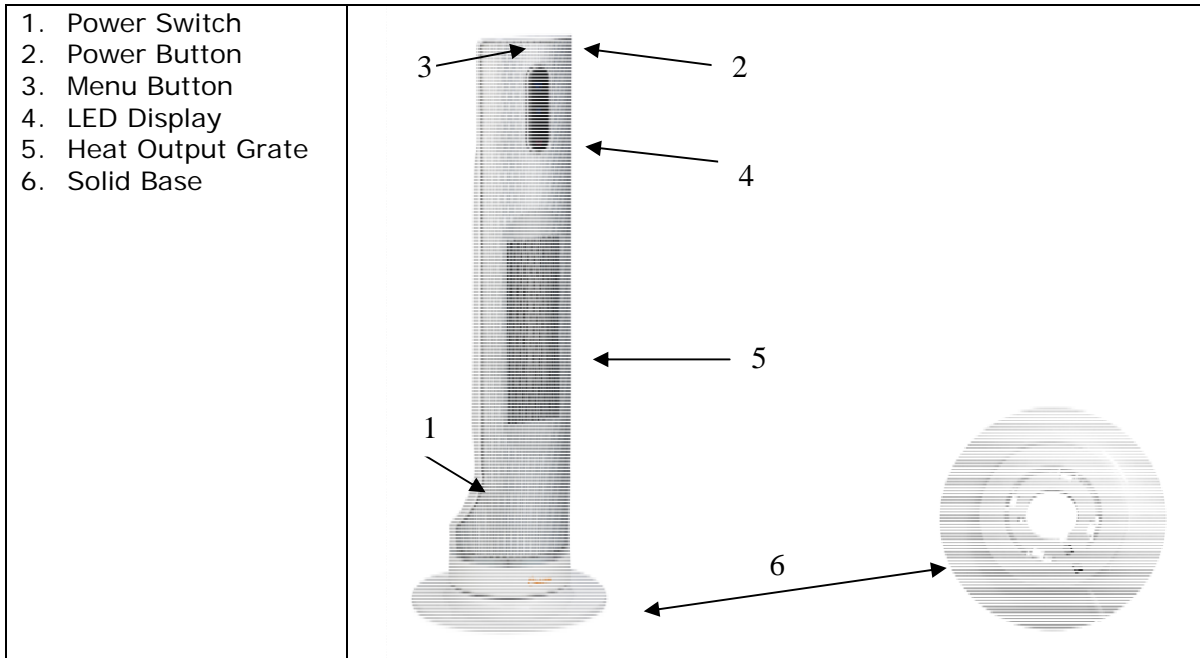
### SAFETY WARNING

Although this appliance is easy to operate, for your safety, the below warnings must be followed:

1. Do not place the appliance near a heat source.
2. Never leave the appliance unattended while connected to the electrical outlet.
3. To avoid any accidental burns, never place hand on top vent or side when the appliance is in operation.
4. Use the appliance on a stable surface away from water.
5. Do not unplug from the socket by pulling on the supply cord.
6. The appliance must be unplugged:
  - A. Before any cleaning
  - B. After use
  - C. If it appears to be faulty

**THIS PRODUCT IS INTENDED FOR HOUSEHOLD USE ONLY.**

## LIST OF MAIN PARTS



## TECHNICAL SPECIFICATIONS

Maximum Power	1500 W
Heating Power Setting	1000W/1500W
Voltage	120 VAC / 60Hz

## ASSEMBLY, OPERATION AND USE

**WARNING:** Do NOT use this tower heater if any part has been under water. Immediately contact Crane Customer Care or a qualified electrician to inspect or replace the heater if necessary. Keep plastic wrapping away from children.

### ASSEMBLY

1. Remove tie from power cord and unravel the power cord.
2. Slide the power supply cord through the base from the top.
3. Connect the base to the tower by placing attached pegs into the appropriate holes and snap in place.
4. Once the base is secured, take the power cord and weave it through the narrow channel until it pokes out the hole on the side. This will allow the base to stand flat on the floor.

### **CAUTION**

5. Do not use your Tower Heater if it has not been fully assembled. Make sure that the screws that hold the base parts and the main unit together are tightened securely.



## **Placing & Operating the Heater**

1. Place the heater on the floor in the desired location.

**WARNING:** Keep combustible materials – such as furniture, pillows, bedding, papers, clothes and curtains —at least 3 feet from the front of the heater. Also keep them away from the sides and rear.

2. Plug the heater into a 120VAC outlet. This heater has a polarized plug. As a safety feature to reduce the risk of electrical shock, this plug is intended to fit in a wall outlet in one way. If the plug does not fit fully in the outlet, contact a qualified electrician. Do not attempt to defeat this safety feature.
3. Now, flip the Power Switch to Power On. You can also do any of the following functions from the Crane app on your smart phone (see page 7).

**NOTE:** Whenever the Power Switch is On, the red indicator “Power Button” light will remain illuminated.

4. Use the Power Button  to start operating your Infrared Heater. Upon first powering your heater on, the LED Display will read the current room temperature.
5. Use the settings button  to scroll through the settings options and the arrow buttons to adjust the desired temperature and timer settings.

**Consult the “Heater Settings” section of the instruction manual for a more detailed explanation of the settings.**

## **Turning Off the Heater**

1. Use the Power Button (on the top of the unit) to turn off your Infrared Heater. The LED Display will remain illuminated until the unit has cooled (about two minutes), at which point it will turn off.

**NOTE:** Whenever the Power Switch is On, the red indicator “Power Button” light will remain illuminated.

## **OVERHEAT AND TIPOVER PROTECTION**

The heater has an internal, over-heating safety device which automatically switches the heater off if an over-heat situation is detected. If this should occur, unplug the appliance and wait until the unit cools off. Once the unit has fully cooled, ensure the air intake vent on the back of the heater is free of dust and lint. Once you have verified this air intake vent is clear, you can switch it on again.







The tower heater is also equipped with a tip over safety function that shuts the heater off if it gets knocked over.

## **To Reset the Heater**

If your heater overheats for any reason, please do the following to reset.

1. Turn the unit off using the Power Switch (on the back of the unit)
2. Unplug the unit and wait 5-10 minutes.
3. Ensure that there is nothing obstructing the heater.
4. Plug the heater in and turn it on.

## HEATER SETTINGS

Icon	Function
	<b>Desired Room Temperature Setting:</b> While this icon is illuminated, use the arrow buttons to set the <b>Desired Room Temperature</b> . Press and hold the Up arrow to switch to ° C. The temperature range is from 41 ° F – 95 ° F .
	<b>Heat Power Setting:</b> While this icon is illuminated, use the arrow buttons to select the LO (1000 W) or HI (1500 W) <b>Heat Power Setting</b> .
	<b>Timer Setting:</b> While this icon is illuminated, use the arrow buttons to use the <b>Timer Setting</b> to run the heater from 1 – 12 hours. When using this setting, the heater will power off after the number of hours you have selected.
	<b>Oscillating Setting:</b> While this icon is illuminated, the heater will rotate 80°.
	<b>Wi-Fi Setting:</b> While this icon is illuminated, use the arrow buttons to turn ON or turn OFF the <b>Wi-Fi Setting</b> for this item. See the “Wi-Fi Setup” section of the instruction manual or the Wi-Fi Quickstart Sheet for a more detailed explanation of the settings.
	<b>Child Lock Setting:</b> While this icon is illuminated, use the arrow buttons to turn ON or OFF the <b>Child Lock Setting</b> . When this setting is ON, none of the other heater settings can be adjusted, including turning ON or OFF the device. <b>This setting can be changed while the device is OFF.</b>
<b>DIM</b>	<b>Adjust LED Brightness:</b> While the LED Display shows DIM, use the arrow buttons to <b>Adjust LED Brightness</b> from 1 (most dim) to 4 (most bright).



## WI-FI SETUP

### FOR IPHONES:

Go to the App Store and download our FREE App: Search "Crane smart home"

### FOR ANDROIDS:

Go to Google Play and download our FREE App: Search "Crane smart home"

### CONNECTING YOUR DEVICE:

- Open the Crane App.
- You will be prompted to log in. If you have not already created a user account, press CREATE NEW USER and enter your information.
- Make sure your Crane device is plugged in and powered on.
- From the home screen, select DEVICES → ADD NEW DEVICE to begin the tutorial.
- Turn the device's Wi-Fi on using the menu button on the device, then press and hold the Up arrow for 3 seconds to access SET mode. The display screen will begin blinking during set up.
- On your phone, go to Wi-Fi Settings and select the "CRANEwifi" network.
- Return to the Crane App and enter all information prompted on the Orange Setup Screen, then press SAVE AND RESTART when finished. This will restart the Crane Device.
- Press the HOME button at the bottom of your screen and then select DEVICES. Your Crane Device should appear on the list!

**FOR TROUBLESHOOTING, PLEASE REFER TO THE FAQ SECTION FOR SMART DEVICES IN THE FREE CRANE APP OR VISIT OUR WEBSITE.**

[www.crane-usa.com/customer-care/](http://www.crane-usa.com/customer-care/)



## MAINTENANCE

### CAUTION:

**Always be sure that the heater is switched OFF, unplugged and completely cooled before cleaning or attempting to store the item. Do not immerse heater in water or allow water to drip into the interior of the heater, as this could create an electric shock hazard.**

**Please Note:** Regardless of the type of heating system setup, always install and maintain at least one smoke detector in good working condition on each floor of your home. Periodically check and/or replace the battery in your smoke detector with a fresh battery.

### CARE AND CLEANING

1. Always turn off the heater and disconnect the cord from the electrical outlet before cleaning your heater.
2. Light accumulated dust may be removed from the heater with a soft cloth or vacuum cleaner.
3. Ensure that the air intake vent on the back of the heater is free and clear of dust or lint.
4. The removable particle filter should be cleaned and dried out at least 1-2 times per season. Remove the magnetic air intake vent cover and hand wash the particle filter with soap and water.
5. Clean the outside of the heater by wiping with a damp cloth and buff with a dry cloth.  
**DO NOT** use any detergents or abrasives and do not allow any water to enter the heater.  
**DO NOT** allow water to run into the interior of the heater as this could create a fire or electric shock hazard.

### STORING

Allow the appliance to cool completely before storing. Store the appliance in a dry location. Do not place any heavy items on top of appliance during storage as this may result in possible damage of appliance. Store the cord in a clean, dry location away from metal objects. Always check the plug before use to assure metal items have not become attached.

## CUSTOMER CARE

If you have any questions with regard to the operation of this infrared heater, please contact Crane Customer Care.

**Crane USA, Inc.**  
1015 Hawthorn Dr.  
Itasca, IL 60143

Toll Free: 1-888-599-0992 (Monday - Friday 9:00am - 4:00pm CST)

Live Chat: Visit our Website or Download the FREE Crane App

Email: [questions@crane-usa.com](mailto:questions@crane-usa.com)

Website: <http://www.crane-usa.com>

## ENVIRONMENTAL PROTECTION



If the heater should no longer operate, please be sure to dispose of the unit in an environmentally friendly way by taking it into a public collection point. Please do not place broken heaters with your regular household waste.

## LIMITED WARRANTY

Thank you for purchasing a **Crane** product. This Infrared Heater was tested and meets our stringent quality standards. This product is warrantied to be free from manufacturing defects under normal use and conditions for 1 year.

**PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE. CONTACT US FOR PROBLEMS AND QUESTIONS. WE CAN HELP.**

If you experience unsatisfactory operation, first refer to the troubleshooting section in the manual to ensure that it is not due to care or cleaning. Follow Care and Cleaning Instructions from manual. You can also visit [www.crane-usa.com/customer-care/](http://www.crane-usa.com/customer-care/) Customer Care for information.

If you have any questions or comments, please Call Crane Customer Care, Toll Free: 888-599-0992, Chat with us Live on our website, or Email [questions@crane-usa.com](mailto:questions@crane-usa.com). Please specify the style and model number so our Customer Care Department can assist you.

### **WARRANTY REQUIRES A DATED PROOF OF PURCHASE.**

This warranty is void if the defect is due to accidental damage, misuse, abuse, neglect, improper repair or alteration by unauthorized persons, or a failure to follow operating instructions provided with the product. This warranty does not apply to normal wear and tear or commercial use.

The warranty is non-transferable and applies only to the original purchaser and does not extend to subsequent owners of the product. Liability under this warranty is limited to repair or replacement. In no event shall liability exceed the purchase price paid by the purchaser of the product. Under no circumstances shall there be liability for any loss - direct, indirect or incidental – or consequential damage arising out of, or in connection with the use of this product.

**This warranty is valid only in the 48 contiguous states plus the District of Columbia** and excludes Puerto Rico and the Virgin Islands. This warranty is effective only if the product is purchased and operated in the United States of America.

This warranty gives you specific legal rights; however you may have other rights that vary from state to state. Some states do not allow limitation on implied warranties or exclusion of consequential damages; therefore these restrictions may not apply to you.

Any instructions or warranty included in this manual may be subject to change without notice. For the most up-to-date instructions and warranty information, please contact us or visit our website.

To receive warranty instructions and return authorization, please contact Crane Customer Care.

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**CRANE WARRANTY**