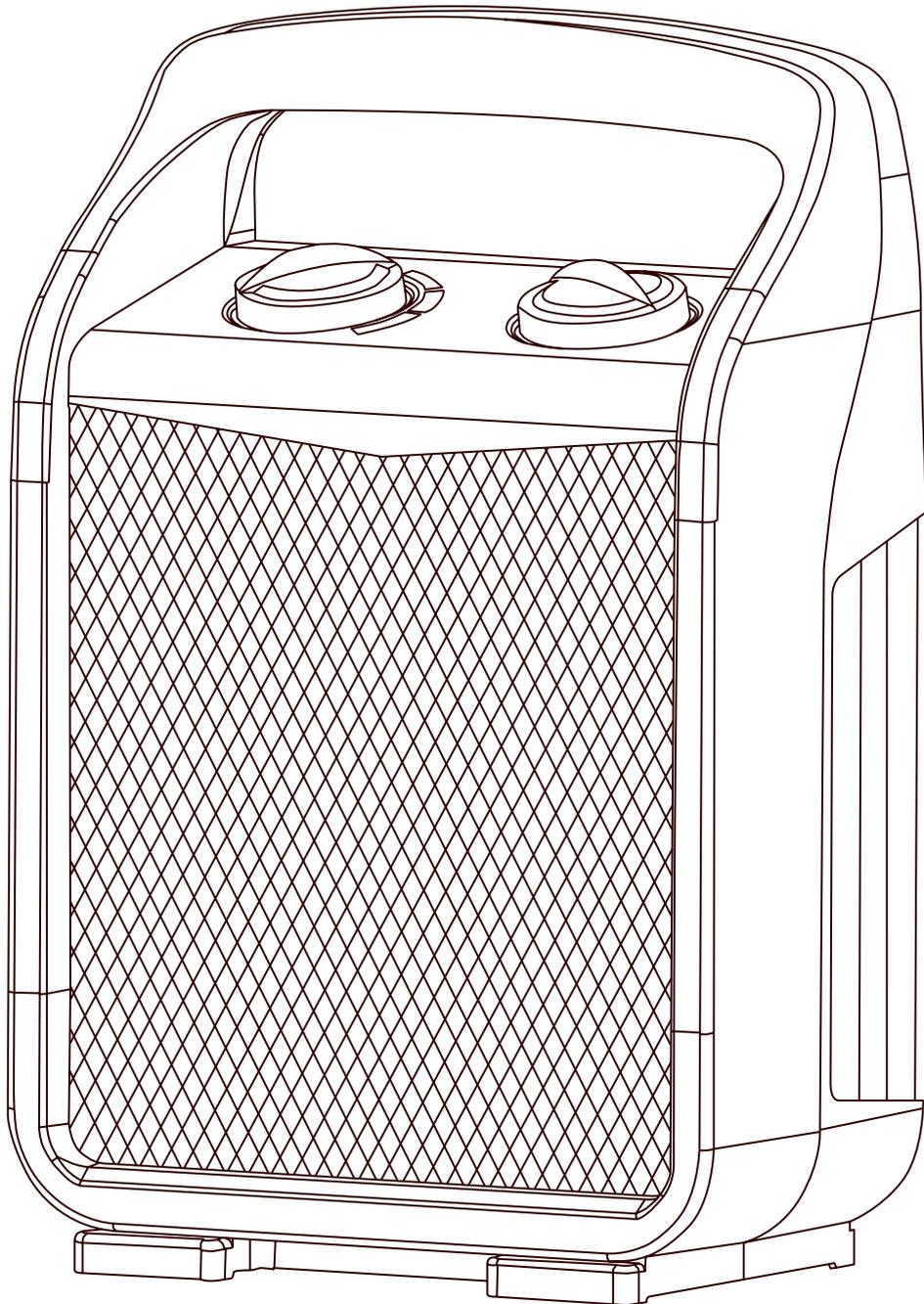
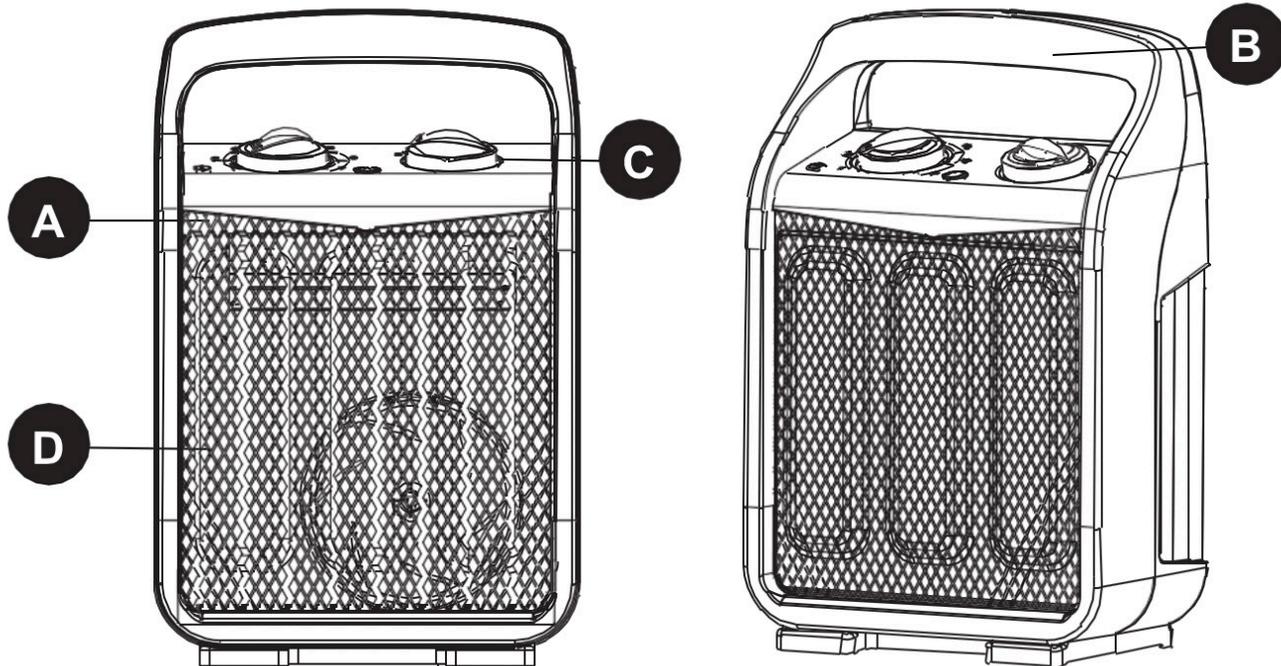




Model No. EB183
UTILITY HEATER





PART	DESCRIPTION	QUANTITY
A	Infrared Heater	1
B	Easy Carry Handle (pre assembled to infrared Heater (A))	1
C	Control Panel (Pre assembled to Infrared Heater (A))	1
D	Air Intake Vent (Pre assembled to Infrared Heater (A))	1

SAFETY INFORMATION

PLEASE READ AND UNDERSTAND THIS ENTIRE MANUAL BEFORE ATTEMPTING TO ASSEMBLE, OPERATE, OR INSTALL THE PRODUCT. IMPORTANT SAFETY INSTRUCTIONS

WARNING: POTENTIAL ELECTRICAL HAZARD IF NOT ADHERED TO.

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:

- This heater must be plugged into a 120 V, 15 amp (or more) circuit of its own. Do not plug anything else into the same circuit. If unsure if your home meets this specification, consult a certified electrician prior to use. Risk of fire, overheating, malfunction, property damage, injury, or even death may result if not adhered to!
- Connect to a properly grounded, 3-prong outlet only. Do not connect the heater to extension cords, surge protectors, timers, direct breakers, or an outlet with other appliances connected to the same outlet. Risk of fire, overheating, malfunction, property damage, injury, or even death may result if not adhered to!
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles (certain models) or wheels to move this heater.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 ft (0.9 m) from the front of the heater and keep them away from the sides and rear of the heater.
- Extreme caution is necessary when any heater is used by or near children, invalids, pets, or when the heater is left operating unattended.
- Always unplug the heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped, or damaged in any manner. Contact the manufacturer for resolution options.
- Do not use outdoors. Exposure to outdoor elements such as rain, snow, sun, wind, or extreme temperatures may cause the heater to become a safety hazard.
- This heater is not intended for use in bathrooms, laundry areas, and similar indoor locations, nor any locations that use GFCI outlets.
- Never place the heater where it may fall into a bathtub or other water receptacles.
- Do not run the cord under carpet. Do not cover the cord with throw rugs, runners, or similar coverings. Arrange the cord away from traffic areas and where it will not be tripped over .
- The heater must be plugged into a wall outlet that is a dedicated circuit with a minimum 15 amp rating on that individual circuit .
- To disconnect the heater, first turn the power button to the OFF position and then remove the plug from the wall outlet .
- Do not allow foreign objects to enter or block any ventilation or exhaust opening as this may cause electric shock, fire, or damage the heater .
- Allow at least 3 ft . of unobstructed space to the front and rear of the heater to allow for maximum heat, air, and ventilation flow .
- 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, nor use flammable solvents to clean the heater . Keep the heater dry at all times .
- 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 .
- Do not use abrasive solvents to clean the heater as it may cause damage to the finish or casing .
- 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 opening may become blocked .
- Always plug heaters directly into a wall outlet/receptacle . Never use with an extension cord or relocatable power tap (outlet/power strip) .

TIP-OVER SAFETY FEATURE

This heater is equipped with a tip-over safety feature. Once the heater is tipped over, an internal switch will automatically shut the heater off . Once the heater is restored to an upright position, the heater will reset . To continue operation, turn on the heater using the control panel on the heater .

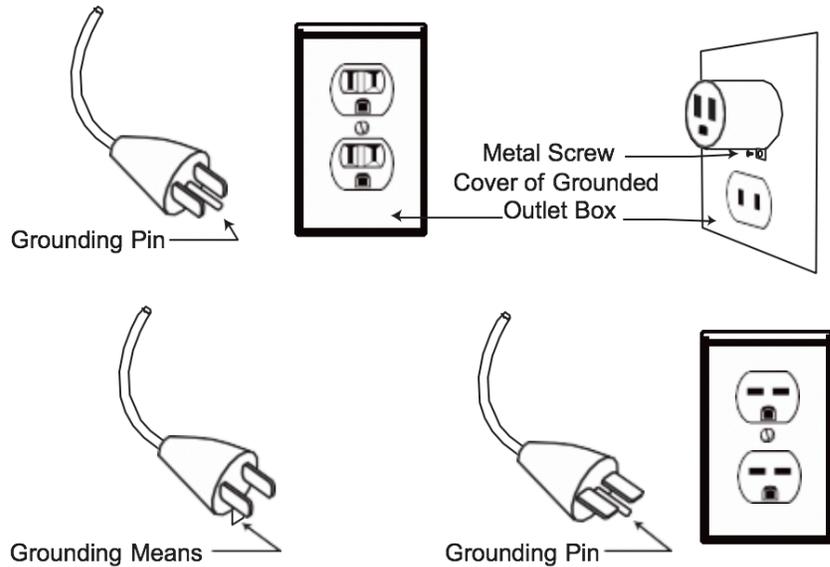
OVERHEAT SAFETY FEATURE

This heater is equipped with an overheat safety feature . When the internal components of the heater reach a certain temperature that could cause overheating or possible fire, the heater will automatically shut off . If the unit has been overheated, you will need to unplug the unit from the wall and re-plug it in to use the heater again .

WARNING

This heater has a voltage rating of 120 volts. The cord has a three-blade, grounding- type plug. An adapter is available for connecting three-blade grounding-type plugs to two-slot receptacles. The grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDED PLUG.



WARNING

It is normal for the power cord to feel warm to the touch . However, a loose fit between the outlet and the plug may cause overheating of the plug . If this occurs, try inserting the plug into a different outlet. Contact a qualified electrician to inspect the original outlet for damage.

SPECIFICATIONS

Voltage Rating	120 V (60 Hz)
Power Consumption	750 W/1,500 W
Unit Size	8.70 in. (W) x in. 5.00 (D) x 12.99 in. (H)
Unit Weight	4.94 lbs.

FREQUENTLY ASKED QUESTIONS

Q. Once I plug the unit in and turn it on, how long will it take to heat my room?

A. The heating process in the heater begins immediately upon powering on and setting the desired temperature above the ambient temperature. A noticeable change in the ambient temperature of the room will vary due to variables such as the location of the heater (in the home), floor plan and size of the room, how well the room is insulated, how many doors/windows, how much bare concrete (acts as a heat sink with any type of heating), the opening and closing of an exterior door, long hallways, high ceilings, etc. Customers with smaller rooms experience quick heat changes. Rooms with larger and open floor plans can expect up to 24 hours to completely heat up.

Q. I do not have a grounded outlet. Can I use adapters, a 2-prong power strip, or remove the ground prong from the cord?

A. NO! If you do not have a grounded outlet, contact a certified electrician for advice. Removing or altering any part of the heater's original design or intent (including the power cord) will void the warranty and make you liable for any unexpected or hazardous results .

Q. Can I use more than one heater at a time? Can I use the heater and another appliance at the same time?

A. Yes, but make sure they are not plugged into the same circuit. Each heater requires its own minimum 15-amp circuit with no other items plugged into that circuit or outlet. This is because heaters are considered appliances and draw out high amperage. If you are unsure your circuit meets these requirements, verify with a certified electrician.

WARNING: Risk of fire, damage to property, or injury may result if requirements are not met.

Q. Why does my heater's fan continue to run after the set temperature is reached or the power is turned off?

A. This is normal. The heater's fan will continue to run even after the heater automatically cycles down. The fan continues to run so that every last bit of heat is blown out of the heat chamber while allowing the unit to continue filtering your air. Once the internal box/components cool completely, the fan should then shut off on its own. In this case, allow a few minutes after the heat cycles off (with power on). The fan will shut off faster when the power is turned off.

Q. My heater's power cord gets warm. My cord is showing signs of heat or melting at the outlet. Is this normal?

A. A warm power cord is normal. These power cords are rated safe for up to 105°C/ 221°F by the UL, CSA, or ETL. The exception is, if you detect heat, smoke, or signs of melting at the contact point of the wall outlet, it may be due to loose or worn wall contacts (or arcing). Please stop using the heater immediately, contact warranty support for a replacement power cord, and have a certified electrician replace the wall outlet as soon as possible.

PREPARATION

Place the heater on a firm, level surface and plug into a grounded 120 V, 60 Hz power outlet and turn on the power switch on the rear of the unit.

Only operate heater in upright position.

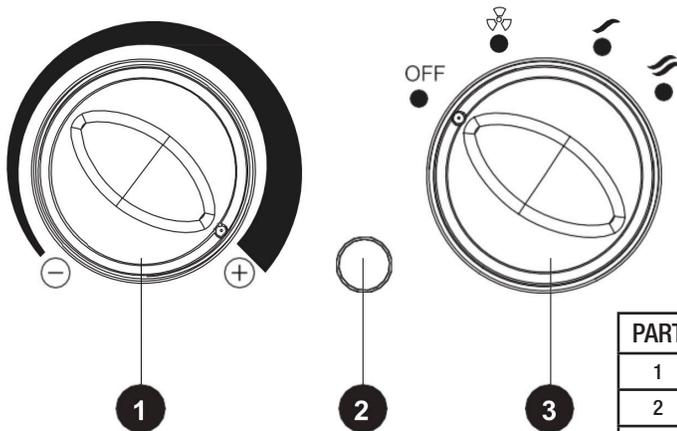
Insert two AAA batteries into the remote control before using (batteries not included). *(Not all products will include a remote control.)

Please note that infrared heaters do not heat like a traditional space heater. You should not expect infrared heaters to blow hot air like a traditional space heater. Infrared heaters heat objects not air. Infrared heaters are intended to supplement an already heated, insulated room. Square footage specifications assume a single enclosed room not an entire home. Infrared heaters do not heat through walls, floors, and are not intended to replace a main heat source. Infrared heat can take at least 24 hours to warm a room but operate much more efficiently to maintain the desired temperature. Infrared heaters will not work well in uninsulated unheated spaces like screened in porches, RV's, garages, unheated basements, etc. .

TROUBLESHOOTING

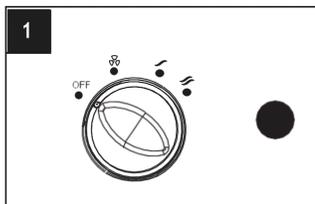
PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
The heater does not turn on .	<ol style="list-style-type: none"> 1 . The power cord is not plugged in. 2 . The electricity at the main fuse box is not working. 3 . The thermostat on the heater is set lower than the room temperature. 	<ol style="list-style-type: none"> 1 . Plug the power cord into an electrical outlet. 2 . Check the electricity at the main fuse box . 3 . Increase the thermostat temperature on the heater for a higher heat setting.
There is no heat	<ol style="list-style-type: none"> 1 . The unit is in Fan Only mode. 2 . The temperature needs to be increased on the heater. 	<ol style="list-style-type: none"> 1 . Turn the MODE dial to one of the two heat settings 1 (1,000 W), or 2 (1,500 W). 2 . Turn the THERMOSTAT dial clockwise until you hear a click.
If the unit shuts down	<ol style="list-style-type: none"> 1 . There was a power outage. 2 . The unit overheats. 	<ol style="list-style-type: none"> 1 . Turn MODE to OFF and Thermostat to High. 2 . Unplug the unit and wait 5-10 minutes, then plug in and turn MODE to ON.

CONTROL PANEL

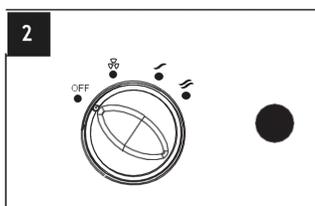


PART	NAME	DESCRIPTION
1	Thermostat Dial	Increases and decreases desired temperature
2	Power Indicator Light	Indicates when the unit is receiving power from the wall outlet
3	Mode Dial	Toggles between Off / Fan / Low / High Modes

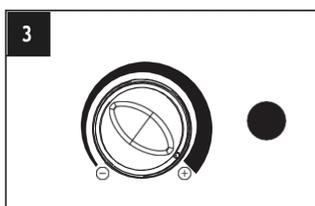
OPERATING INSTRUCTIONS



1. Turn the heater ON by moving the MODE dial on the control panel (C) to the "1" position .
To Power OFF move the MODE dial to the "0" position on the control panel (C) .
Once the power is off, the heating elements and fan will stop working . This is a normal function .



2. Select a heat setting by turning the MODE dial on the control panel (C) to the 1, 2 or fan only position .
Power for setting 1 mode is 750 W; setting 2 mode is 1,500 W . FAN mode is an cooling function .
When FAN mode is chosen, the heater will operate at approximately 15 W .



3. Set the thermostat by turning the THERMOSTAT dial clockwise or counter clockwise on the control panel (C) . You can set the temperature on the heater anywhere between (-) and (+) of the thermostat . Turn the THERMOSTAT dial towards (-) or (+) to get a lower or higher desired temperature. Once you have chosen the desired temperature, the heater will cycle on and off to maintain the desired room temperature. For continuous heat, set the thermostat towards (+) .

CARE AND MAINTENANCE

WARNING: Before performing any maintenance task, turn off the power switch in the rear of the unit, unplug the unit, and allow it to cool completely.

1. To keep the heater clean, clean the outer shell with a soft, damp cloth. Use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth.

CAUTION: DO NOT let liquid enter the heater.

2. DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
3. DO NOT immerse the heater in water.
4. Wait until the unit is completely dry before use.
5. If you will not be using the heater for a while, take the batteries out of the remote control and store for future use.
6. Store the heater in a cool, dry location when not in use. To prevent dust and dirt build-up, use the original packaging to repack the unit.

CLEANING THE UNIT

1. Clear out the air intake after three months or if it appears to be blocking airflow .
With the heater unplugged, use an air hose or vacuum to gently remove dirt or debris that may have built up inside or around the unit.

REPLACEMENT PARTS

- For replacement parts and technical questions, please call Customer Service at 1-800-280-3592.
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following information will be required: item description, item model number, item serial number/item lot date code, and the replacement part reference number.
- Matrix Industrial Products® reserves the rights to make design changes and improvements to product lines and manuals without notice.

LIMITED WARRANTY - LIMITATIONS ON THE WARRANTY

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

OBLIGATIONS OF PURCHASER

You must retain your proof of purchase in case of warranty claim