User's manual	Manual del usuario	Manuel de l'utilisateur
Customer Service US: 1-800-645-2986	Servicio de atención al Cliente US: 1-800-645-2986	Service à la clientèle Canada: 888-645-2986

Portable Electric Heater, 60kW, 202,000 BTU

Model : B3204439

IMPORTANT: READ AND SAVE THESE INSTRUCTIONS
Please read all instructions carefully before assembling, installing, operating, or maintaining this product. Protect yourself and others by following all safety information provided. Failure to comply with these instructions could result in personal injury and/or property damage. Retain these instructions for future reference.

PRODUCT OVERVIEW

The Global Industrial Portable Electric Heater is a high-efficiency heating solution that delivers heat while maintaining a consistent temperature throughout the space.

• Equipped with a temperature sensor and an overheating safety device for safe operation without the risk of overheating.

• Features simple switch operation for easy adjustment according to your environment.

• Built with four caster wheels for convenient mobility, allowing use in larger spaces as needed.



B3204439
Figure 1

UNPACKING AND INSPECTION

After unpacking, carefully inspect the unit for any damage that may have occurred during shipping. Check for any loose, missing, or damaged parts. If any issues are found, contact Global Industrial Customer Service immediately.

Specifications

Model No.	Power Supply Ph-V-Hz	Cooling Capacity Btu/h	Power Consumption Watts	Rated Current Amps
B3204439	3 Phase, 480V, 60Hz	202,000	60,700	73 A

Dimensions W x D x H - in.	Weight (Net / Gross) Lbs	Certification
23.9” x 48.5” x 37.5”	350.5lb / 374.7lb	ETL / cETL

⚠ Safety Cautions

These safety precautions are essential to protect users from injury and to prevent property damage or loss. Please read carefully to ensure safe and efficient operation of this product.

Electrical Safety

To avoid injury, fire and product damage:

- Use only the proper voltage as indicated on the product label.
- Use a power cable that meets the specifications outlined in the Wiring Diagram section.
- Use a proper circuit breaker in accordance with the product's electrical capacity.

Fire and Burn Hazards

To avoid injury, fire and product damage:

- DO NOT use or store flammable or combustible sprays near the heater.
- DO NOT install the heater near flammable materials such as curtains, blankets, or fabrics.
- DO NOT block the air outlet.
- DO NOT touch heat-generating parts during operation.
- DO NOT move the heater while it is operating.
- DO NOT place heavy objects on the heater or excessively bend power cables.
- DO NOT operate with a damaged power cable or plug.
- If any smoke or unusual odor is detected, immediately unplug the unit and contact Global Industrial Customer Service.

Water and Chemical Exposure

To avoid injury, fire and product damage:

- DO NOT spray water directly onto the product.
- DO NOT clean with benzene, thinner, or alcohol.

Product Handling & Operation

To avoid injury, fire and product damage:

- DO NOT disassemble, repair, or modify the heater while it is operating.
- All repairs must be performed by a certified technician.
- Avoid direct close contact with the heat exhaust during operation.
- Ensure the machine is on a flat, level surface prior to operation.
- DO NOT allow foreign objects to enter the air inlet or outlet.

Environmental Considerations

To avoid injury, fire and product damage:

- DO NOT expose the heater to direct sunlight, rain, or strong winds.
- Avoid using or storing the unit in high-temperature or high-humidity environments.
  Long-term exposure may cause rust or malfunction.
- After operation, allow the heater to fully cool down before touching or moving it.
- Provide proper ventilation when the heater is in continuous use.
  Lack of ventilation may cause oxygen deficiency.

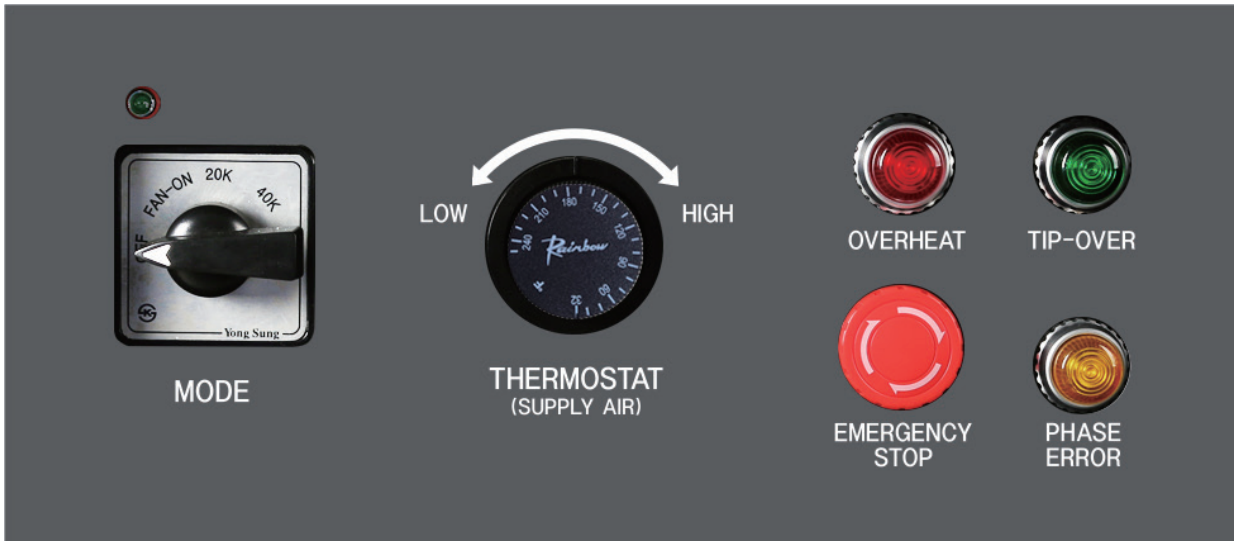
Component Identification:



Caution During Installation

⚠ Caution	DO NOT install the unit in explosive environments or in areas where flammable gas leaks may occur.
⚠ Caution	DO NOT place the unit in direct sunlight. Prolonged exposure may damage internal components.
⚠ Caution	DO NOT block the air outlet. Obstructed airflow may cause overheating or malfunction.
⚠ Caution	When using the unit outdoors, ensure it is protected from the rain, snow, and strong winds to prevent electrical hazards or accidents.
⚠ Caution	DO NOT use any covers to keep the unit clean while in operation.
⚠ Caution	Clean the underside of the unit before use to ensure proper ventilation and mobility.

Control Guide



Power-On Instructions:

1. Connect power supply to 480V / 60HZ
2. Set the supply air thermostat by turning the control knob to the desired temperature.
3. Select the desired power mode using the mode selector: 20KW / 40KW / 60KW
4. Heater will operate automatically until the supply air reaches the set temperature.

Power-Off instruction

1. Select ‘FAN ON’ mode
2. Wait until fan stops automatically
3. Select ‘OFF’ mode
4. Once the unit has completed its cooling cycle, disconnect the power from the source.

Alarm Code

Alarm code	Activation of Alarm	Action
Red	Overheat sensor activated	- Heater rod overheating - Power off, disconnect and contact Global Industrial Customer Service. - Check temperature sensor wire connection and correct if needed. - Check temperature sensor short circuit
Green	Tip-over sensor activated	- Inspect the unit for signs of tipping - stabilize and reposition the machine on a flat, level surface. - Check the conduction switch connection, if loose ensure it is secure.
Yellow	Phase error	- Phase error or incorrect wiring - inspect and correct.

Wiring Diagram:

