KING ELECTRICAL MFG. CO.
9131 10th Avenue South, Seattle, WA 98108
Phone: 206-762-0400 - Fax: 206-763-7738
www.king-electric.com

INSTRUCTIONS "KLI" Series

WARNING

When using electrical appliances, basic precautions should always be taken to reduce the risk of fire, electrical shock and injury, including the following.

Read carefully these instructions before installation, operation of the heater. Failure to adhere to the instructions could result in fire, electric shock, serious personal injury, and death or property damage. Review frequently for continuing safe operation and instruction of future users, if necessary.

IMPORTANT INSTRUCTIONS

1- Read all instructions before installing or using this heater.
2- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, like furniture, pillows, bedding, papers, clothes, and curtains at least 36 in. (915 mm) from the front and the top of the heater.
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- Do not operate any heater after it malfunctions. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.
5- Do not use outdoors.
6- To disconnect heater, rotate thermostat knob full counter-clockwise and turn off power to heater circuit at main disconnect panel (or operate internal disconnect switch if provided).
7- 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.
8- To prevent a possible fire, do not block air intakes or exhaust in any way whatsoever.
9- This heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
10- The heater has been designed and certified for ambient heating only. The maximum ambient operating temperature is 30 °C (86 °F).
11- The heater is not designed for use in a humid environment where condensation may form on the device.
12- 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.
13- The thermostat should not be considered an infallible device in cases where maintaining a temperature is considered critical. Examples: Hazardous material storage, computer server room, etc. In these particular cases, it is imperative to add a monitoring system to avoid the consequences of a thermostat failure.

SAVE THESE INSTRUCTIONS

INSTALLATION INSTRUCTIONS

The installation of this heater must be executed by a qualified person, where required by law.

CAUTION

- High temperature, risk of fire, keep electrical cords, drapery, furnishings, and other combustibles at least 36 in. (915 mm) from the front and the top of the heater. To reduce the risk of fire, do not store or use gasoline or other flammable vapors and liquids in the vicinity of the heater.
- In addition to ensuring that the clearance distances set out above are respected, ensure that the framing materials, insulation and finishing which are likely to be in contact with or close to the device can withstand temperatures of at least 90 °C (194 °F).
- Not for residential use in the United States.
- Disconnect all power supplies before working on any circuit.
- Put all covers back on heater before testing.

INSTALLATION

1- Remove heater front panel and upper front grille to give access to junction box covers and fastening holes.
2- Remove the appropriate junction box cover and run the electrical wiring through it.
3- Attach heater to the wall by using the 1/4 in. (6.4 mm) knockouts and the angle bracket.
4- Remove the junction box covers. Make connections according to local and national codes. See wiring diagrams.
5- Replace all covers before energizing.

HEATER INTERCONNECTION

The connection boxes and the wiring channel of this series heater and options corners and control box are approved for interconnexion of heaters and components which are on the same heating branch circuit. Grounding wire must join the ground lugs of all heaters. For all other options of this series, use «BX» cable or «EMT» tubing.

EMPTY CABINET INSTALLATION

Empty cabinets are installed the same way as complete heaters.

CONTROL OPTIONS

See instructions included with option.

ACCESSORIES

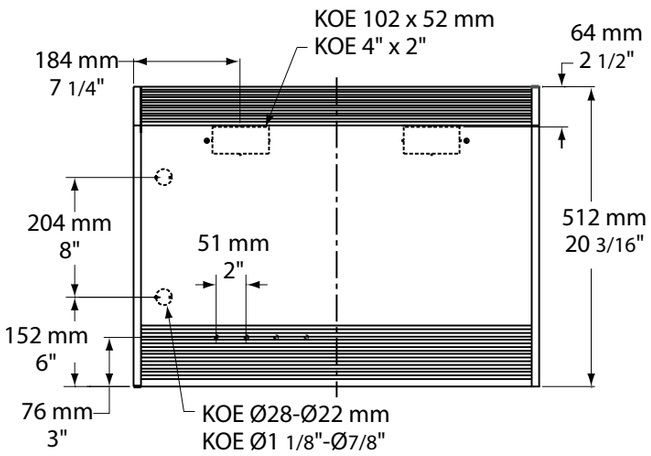
See instructions included with accessories.

OPERATING INSTRUCTIONS

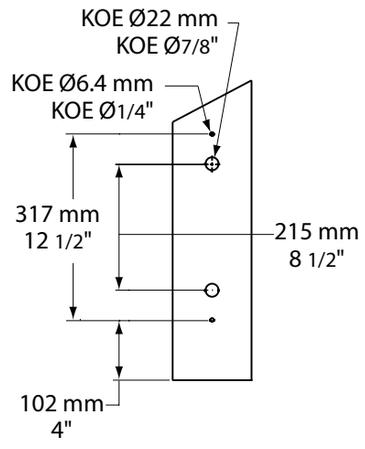
1- The heater must be properly installed before it is used.
2- Turn the power on at the circuit breaker panel.
3- Built-in tamperproof thermostat (optional):
The built-in thermostat can be set with a small screwdriver through the grille.
To set thermostat at the desired temperature, follow these steps:
- Set thermostat at maximum temperature (turn clockwise).
- When the desired temperature is reached, turn the thermostat counter-clockwise slowly until you hear a click.
- The thermostat will keep this room temperature.

MAINTENANCE INSTRUCTIONS

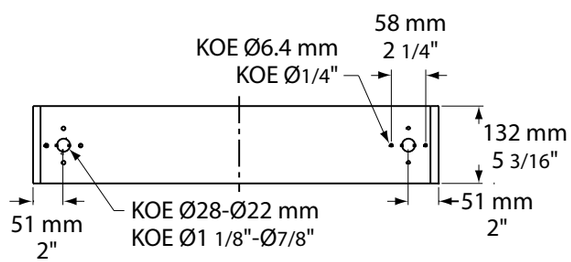
1- Once a year, remove the dust accumulation inside the heater using a vacuum cleaner or compressed air.
2- Cleaning should be done while the heater is disconnected from the main service panel. Wait until the housing and heating element cool before performing maintenance.
3- Any other servicing should be performed by a qualified technician.



Front View



Right Side View



Bottom View