



KING ELECTRICAL MFG. CO.
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INSTALLATION INSTRUCTIONS "KCA" Series

THE INSTALLATION MUST BE EXECUTED
BY A QUALIFIED TECHNICIAN



RISK OF ELECTROCUTION



RECESS AND SEMI-RECESS MOUNTING

- 1- Unit must be installed with trim frame of appropriate length.
- 2- Provide an opening of 1 in. (2.5 cm) on length and height greater than the size of the actual unit.
- 3- Remove front panel and open control section door.
- 4- Remove appropriate knockouts and secure supply and control cables.
- 5- Secure trim frame to unit using the supplied metal piercing screws.
- 6- Secure unit in place without warping using appropriate screws, shim if required. For ceiling application, use 1/2 in. X 13 UNC threaded rods.
- 7- Connect the unit according to local and national codes. See wiring diagram on control section door.
- 8- Close control section door and put front panel in place.
- 9- Test unit by temporarily setting thermostat at maximum temperature.

SUB-BASE MOUNTING

- 1- Unit must be installed on a sub-base of appropriate length.
- 2- Secure sub-base bracket to the floor.
- 3- Secure sub-base to unit using the supplied metal piercing screws.
- 4- Remove front panel and open control section door.
- 5- Remove appropriate knockouts and secure supply and control cables.
- 6- Secure unit and sub-base to sub-base bracket using the supplied screws.
- 7- Follow steps 7 through 9 of recess mounting.

SURFACE MOUNTING

- 1- Run supply and control cables to the back of the unit.
- 2- Remove front panel and open control section door.
- 3- Remove appropriate knockouts and secure supply and control cables.
- 4- Follow steps 6 through 9 of recess mounting.

ATTENTION

Basic precautions should always be taken to reduce the risk of fire, electric shock, and injury.

- Read all instructions before using this heater.
- 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 48 in. (1219.2 mm) from the front of the heater.
- Do not use outdoors.
- 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.
- Do not block air intakes or exhaust in any way whatsoever.
- A heater has hot and arcing or sparking parts inside. Do not use 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.

CAUTION

- Never install air outlet less than 24 in. (60 cm) from an opposite surface and/or 12 in. (30 cm) from an adjacent surface.
- Never install air inlet less than 6 in. (15 cm) of an opposite surface.
- Disconnect all power supplies before working on any circuit.
- Install filters only if regular maintenance will be made. Do not install filters in ceiling applications.

MAINTENANCE

- Once a year, remove the front panel and use a vacuum cleaner to remove the dust accumulation inside the heater.
- Cleaning should be done while the heater is disconnected from the supply circuit.
- Any other servicing should be performed by a qualified technician.

WARRANTY

KING ELECTRICAL MFG. CO. warrants the component parts of its products against defects in material and workmanship for a one (1) year period following the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. The obligation of KING ELECTRICAL MFG. CO., under the terms of this warranty, will be to supply a new unit and this omits the manufacturer to bear the installation costs or other secondary charges linked to replacing the unit or the component part(s).

KEEP THESE INSTRUCTIONS
FOR THE USER
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MOUNTING APPLICATIONS

