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INSTALLATION INSTRUCTIONS Commercial Ceiling Heater Surface Mounting CDI Series

THE INSTALLATION MUST BE EXECUTED
BY A QUALIFIED TECHNICIAN



RISK OF ELECTROCUTION

IMPORTANT:
MUST BE INSTALLED SOLIDLY
This heater could weight up to 35 lb (16 kg)

STANDARD CEILING MOUNTING

1. Never install the air-forced diffuser at less than 8 ft. (250 cm) from the floor and 12 in. (30 cm) from adjacent walls.
2. Provide an exit for the power supply wires in the ceiling, under the heater.
3. **CDI 2 to 5 kW (Fig. 1):**
Mount the ceiling support using provided screws.
To install suspended, the kit is not provided.
- CDI 7.5 to 10 kW (Fig. 2):**
Mount the ceiling support using provided screws.
To install suspended, the kit is not provided.
4. Suspend the heater at the hangers of the ceiling support.
5. Convey the wires of power supply to the junction box of the heater and connect the heater leads to the supply leads according to the local and national codes.
See wiring diagram.
6. Fold back the heater toward the ceiling and fix it using the screw provided.
7. Install the front cover using the screws provided.

CDI 2 to 5 kW (Fig. 3)

DROP CEILING MOUNTING with the T-BAR option

1. Install the T-BAR option on the ceiling using chains, steel wires or bar.
2. Mount the ceiling support on the T-BAR option.
3. Follow instructions 4 to 7 as above for STANDARD CEILING MOUNTING.

OPTIONS

See installation pamphlet provided with the various options for the installation of those options.

IMPORTANT

Connect the control (thermostat or relay) to the T1-T2 position on the terminal block.
Do not interrupt power supply to control this heater.

ATTENTION

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

- Read all instructions before using this 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 to the heater.
- Do not block air intakes or exhaust in any manner.
- Heater contains arcing and sparking parts. Do not use it 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 to persons.
- Use copper wire only.
- The motor is thermally protected.

MAINTENANCE

Once a year, remove the front cover and use a vacuum cleaner or compressed air to remove the dust accumulation inside the heater. Cleaning should be done while the heater is disconnected from the power supply circuit.

A qualified technician should perform any other servicing.

**KEEP THIS INSTRUCTION PAMPHLET
FOR THE USER
INS143-200404-04**

