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## INSTALLATION INSTRUCTIONS

For INDEECO High Watt Density Draft Barrier Heater  
 “BHI Series”

THE INSTALLATION MUST BE EXECUTED  
 BY A QUALIFIED TECHNICIAN



### ATTENTION

#### COMMERCIAL USE

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.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 in. (76 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 or fire, or damage the heater.
- Do not block air intakes and/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.

KEEP THIS INSTRUCTION PAMPHLET  
 FOR THE USER INS109-200411-01

### INSTALLATION

Heater must be installed at least 3 in. (76 mm) from finished floor.

- 1- Remove baseboard front panel and junction box cover.
- 2- Remove required knockouts.
- 3- Install the relay or thermostat if it applies.  
See OPTIONS section for details.
- 4- Make electrical connection according to the wiring diagram in accordance with local and national codes.
- 5- Secure heater to the wall and loose screws by 1/2 turn for metal thermal expansion.
- 6- Replace junction box cover and baseboard front panel before energizing.

### OPTIONS

All heating equipment and options must be installed in accordance with local and national codes.

#### Thermostat (OHB-T-AV / T2-AV)

Fasten the thermostat using the 2 mounting holes at the top of the right side connection box. Fasten the bulb to the bottom grill using the plastic straps.

#### Relay (OHB-R / RT-... / TRIAC-... / PM)

Fasten the relay to the separating plate using a conduit nut. Insert the assembly in the right hand connection box. Fasten the plate to the left wall of the connection box.

Make connections as relay wiring diagram.

### OPTIONS (continued)

#### Low Voltage Wireway

- When a low voltage wire is supplied and assembled with the unit, this wire must be used.
- When several wires are necessary, use wires that withstand 221°F (105°C) minimum.

#### CORNERS AND BLANK SECTIONS

Install blank sections the same way as this heating unit. Install corners using the mounting holes. Do not disassemble the corners.

#### INTERCONNECTION

The connection boxes and the wiring channel are approved for interconnection of baseboard heaters and components which are on the same heating branch circuit. For all other options in this series, use «EMT» tubing or «BX» cable to pass wiring.

#### MAINTENANCE

Once a year or at the need, 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.

### WIRING DIAGRAM

