

MODEL 85
SURFACE MOUNTING KIT
 FOR USE WITH BROAN MODELS 190 THROUGH 199



READ AND SAVE
THESE INSTRUCTIONS

PLAN THE
INSTALLATION

1. Select a location which will allow frame to be at least 12" from the floor or any adjacent walls. Make sure the heater will not be blocked by a door, furniture, drapes, etc.
2. Disconnect power at service entrance and run the appropriate power cable to location.

INSTALL THE HEATER

1. Remove heater assembly from heater housing.
2. Hold housing squarely on wall. Use "UP" arrow on wiring label to make sure housing is correctly positioned. **NOTE:** For most secure installation, line up one set of mounting holes with a wall stud. Mark wall through all four (4) holes. (FIG. 1)
3. Draw a line on wall along the bottom edge of housing. (FIG. 2)

WARNING

WHEN DRILLING THROUGH WALL, BE CAREFUL NOT TO CUT EXISTING WIRING.

4. Drill mounting holes in wall. Drill 1/8" diameter holes and use wood screws (supplied) when mounting to a stud. Drill 5/8" holes and use toggles (supplied) when mounting through wall material only.

Provide a power cable access hole just below the line where shown. (FIG. 3)

5. Mount housing to wall.
6. Bring power cable through access hole. Remove a knockout at the bottom of housing and attach cable using appropriate connector. Allow 6" of wiring inside of housing for wiring connections.
7. Slide frame over housing and fasten with four (4) screws (provided). (FIG. 4)
8. Connect wires from heater assembly to power cable wires. Follow wiring diagram in heater instructions. (FIG. 5)
9. Fasten heater assembly to housing with four (4) screws where shown. (FIG. 6)
10. Place grille over heater and attach with four (4) remaining screws. (FIG. 7)
11. Check operation.

Turn on power at service entrance. Turn thermostat to its highest setting and make sure heating element and blower come on. Then turn it to its lowest setting and make sure element and blower shut off.

NOTE: On Models 194 through 199, the fan will not start until the heating element is hot. Likewise, the fan will not shut off until the heating element cools down.

12. See heater installation instructions for complete wiring diagrams, cleaning and servicing instructions.

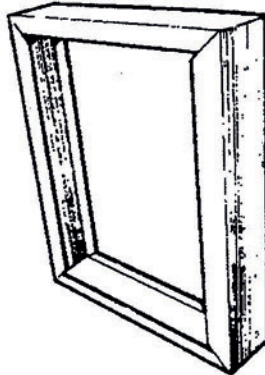


FIG. 4

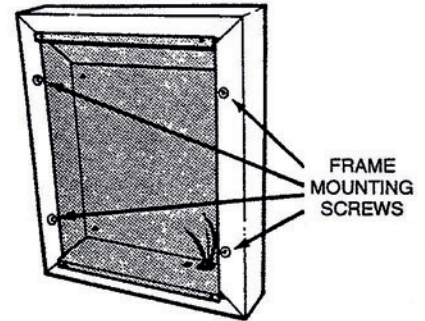


FIG. 5

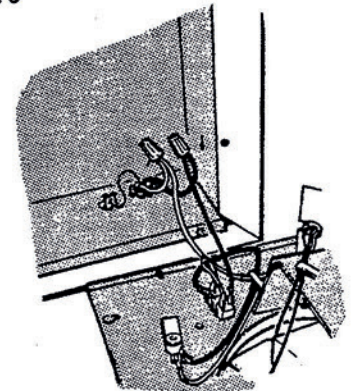


FIG. 6

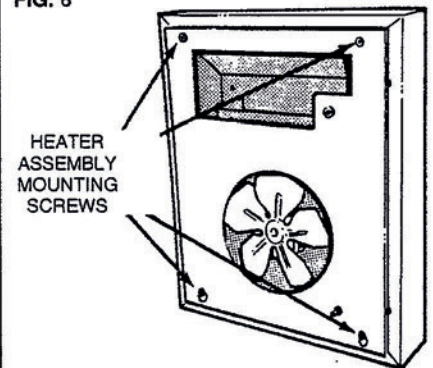


FIG. 7

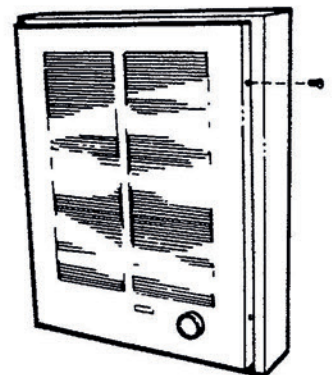


FIG. 1

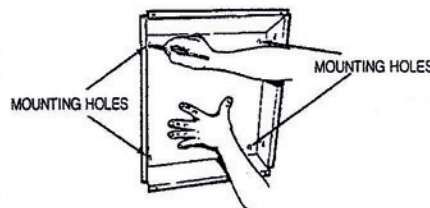


FIG. 2

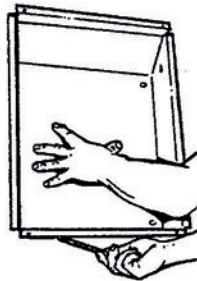


FIG. 3

