

MODEL 84
SURFACE MOUNTING KIT
 FOR USE WITH BROAN MODELS 170 THROUGH 181

READ AND SAVE
THESE INSTRUCTIONS

PLAN THE
INSTALLATION

1. Select a location which will allow frame to be at least 6" 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.
NOTE: Power can be tapped from a nearby 120 VAC outlet, depending on the heater wattage required and the rating of the outlet's circuit. Heater can be converted to half-wattage to avoid overloading such circuits. See heater instructions for details.

INSTALL THE HEATER

1. Remove retaining screw, unplug wiring harness, and lift heater assembly from housing. (FIG. 1)
2. Remove wiring cover from the corner of housing. (FIG. 2)
3. Hold housing level and mark wall through the two (2) mounting holes. Also trace the lower right-hand corner of the housing on the wall. (FIGS. 3 & 4)

WARNING
WHEN DRILLING INTO WALL, BE CAREFUL NOT TO CUT EXISTING ELECTRICAL WIRING, PLUMBING, DUCTWORK, ETC.

4. Drill mounting holes into the wall. Drill 1/8" diameter holes and use wood screws (supplied) when mounting to a stud. Drill 5/8" diameter holes and use toggles (supplied) when mounting into wall material only. (Fig. 4)
5. Locate and drill the power cable access hole within 3/4" of the bottom of housing, as shown. (FIG.4)
6. Bring power cable through access hole and through the surface-mounting frame. (FIG. 5)
NOTE: The side of the surface-mounting frame that fits against the wall has the narrower flanges without the notches in each side.
7. Attach power cable to housing using appropriate connector. Allow 6" of wiring inside of housing for wiring connections.
8. Place housing into surface-mounting frame. Insert the mounting screws through the housing. Push excess power cable back into wall and tighten the screws in the wall. (FIG. 6)
9. Connect wires from wiring cable to power cable wires. Follow wiring diagram in heater instructions. Slide wiring cover back into housing. (FIG. 7)
10. Reinstall heater assembly, secure with retaining screw, and plug wiring harness into receptacle. (FIG. 8)
11. Attach grille with two (2) screws supplied with heater. Push knob onto thermostat stem. (FIG. 9)
12. **Check operation.**
 Turn on power at service entrance. Turn thermostat to the highest setting and make sure heating element and blower come on.
13. See heater installation instructions for complete wiring diagrams, cleaning and service instructions.

