



decentralized air conditioning systems

Installation Instructions Control Module

TWO STAGE ELECTRIC HEAT

700 SERIES — MODELS 7 THRU 17 CONTROL MODULE INSTALLATION

Step 1. Remove and save two (2) mounting screws from top front of control module. Fit aluminum switch plate over push buttons and thermostat shaft. Press thermostat knob into thermostat shaft.

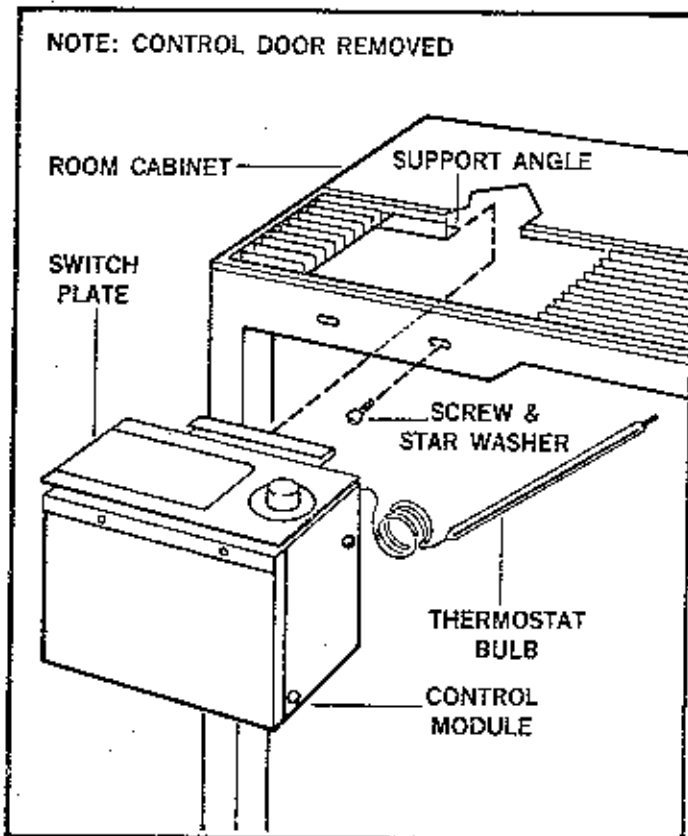
Step 2. Hook slot at the top rear of control module over the support angle in the room cabinet. Swing module upward and forward until mounting holes in module align with mounting slots in the front flange of room cabinet.

Step 3. Re-install two (2) mounting screws and tighten securely.

Step 4. Plug heat section cord and cooling chassis cord into the control. The heat section cord and cooling chassis cord are labeled to match their receptacles at the control.

Step 5. Open blower compartment cover on cooling chassis by loosening two (2) sheet metal screws. Unwind thermostat capillary tube and stretch it through slot at upper left corner of blower compartment. **CAUTION:** Be careful not to kink or break capillary tube while unwinding it.

Insert bulb and clip at left hand blower inlet. Tip of bulb must be higher than its junction with the capillary tube and must not come in contact with the blower wheel or motor shaft. Close blower compartment cover and tighten two (2) sheet metal screws.



MANUAL CHANGEOVER

Correct voltage and current must be supplied to each terminal in accordance with the nameplate ratings. The disconnect switch must be closed and all electrical leads must be plugged into the control module in the correct manner. **CAUTION:** Before turning on main power, make certain that all control module STAND-BY (OFF) buttons are down. Standard 5-button control modules provide for STAND-BY (OFF), HI COOL, LO COOL, HI HEAT and LO HEAT. Each function operates as follows:

A. Set thermostat knob fully clockwise (COOLER) and press LO HEAT button. Blowers will start immediately at LO SPEED. Slowly turn thermostat knob fully counterclockwise (WARMER). Heating module will now operate and discharge air will grow warm.

B. Press HI HEAT button. Roomside blower speed will increase.

C. Set thermostat knob fully counterclockwise (WARMER). Press LO COOL button. Roomside blowers will run at LO SPEED. Slowly turn thermostat knob fully clockwise (COOLER). Compressor and condenser blower will now operate and discharge air will grow cooler.

D. With compressor and condenser blower running, press HI COOL button. Roomside blower speed will increase.

E. Press STAND-BY (OFF) button. All operations will stop.

