



Climate Master

decentralized
air conditioning systems

Installation instructions for control modules



CAUTION: Do not plug in power cord until installation is completed and terminal is ready to run. Make certain that OFF button on control module is down while working on the equipment.

STEP 1. Determine the required connections from the table in accordance with the building plans and system specifications. Plug in appropriate leads; plug in cooling chassis cable.

NOTE: All receptacles and all leads are tagged for identification.

STEP 2. With thermostat shaft to the front, insert control module rear top plate through opening in bracket and swing front top plate end of module up so that slot goes over threaded stud.

Install and tighten wing nut on threaded stud. (Wing nut is packed in hardware bag along with thermostat knob.) Fit aluminum switch plate over push buttons and thermostat shaft. Press thermostat knob onto thermostat shaft.

STEP 3. Loosen 3 sheetmetal screws ① two full turns. Remove blower compartment cover ③ by removing 2 sheetmetal screws ②. Unwind thermostat capillary tube ④ and stretch it through slot at upper left corner of blower compartment.

CAUTION: Do not kink or break capillary tube ④ while unwinding it.

STEP 4. Insert clips ⑥ on edge of blowers so that capillary bulb ⑤ is above and not touching motor pan ⑦. Insert capillary bulb ⑤ into clips ⑥ so that tip of bulb is higher than capillary tube end.

NOTE: Check blower wheels for free running.

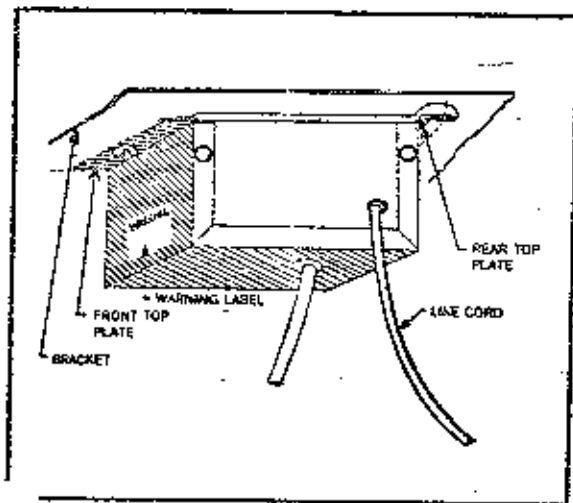
STEP 5. Replace cover ③ using 2 sheetmetal screws ② and tighten 3 sheetmetal screws ①

STEP 6. Plug service cord into receptacle in junction box.

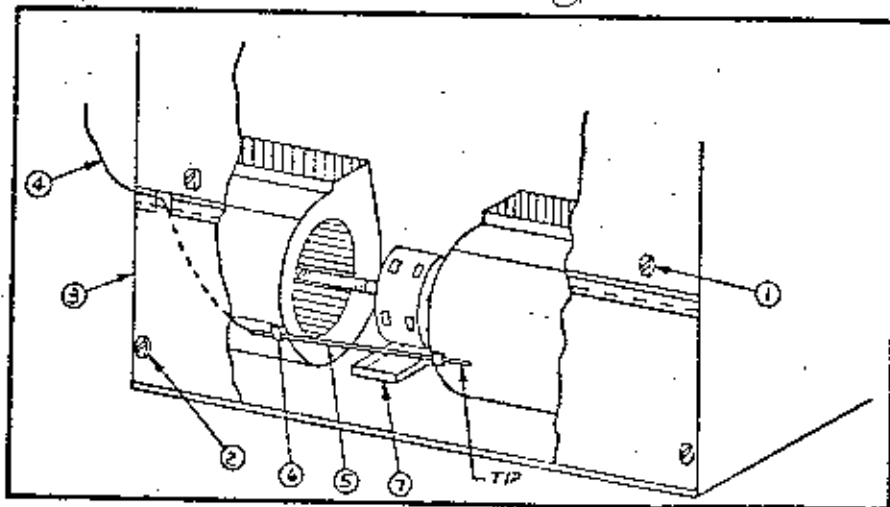
STEP 7. Set fresh air damper switch to CLOSED position unless otherwise instructed in building plans or system specifications.

STEP 8. Replace decorator panel on room cabinet.

ORIGINAL GRIFFITH HAS



Control module
Installation



Thermostat Bulb
Installation



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OFF-HEAT-COOL CONTROL WITH STANDBY POWER CIRCUIT

CAUTION: Make certain that off button on control module is down while working on the equipment.

Step 1. Plug both power cords into mating receptacles and J. boxes installed by contractor. 15 amp cord and plug controls heat, room fan and vent (standby power). 20 amp cord and plug controls condenser fan and compressor. Plug in appropriate leads; plug in cooling chassis cable.

Step 2. With thermostat shaft to the right, insert control module right top plate through opening in grille frame and swing left end of module up so that slot goes over threaded stud at left. Install and tighten wing nut on threaded stud. (Wing nut is packed in hardware bag along with thermostat knob.) Fit aluminum switch plate over push buttons and thermostat shaft. Press thermostat knob onto thermostat shaft.

Step 3. Open blower compartment cover on cooling chassis by loosening 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.

Step 4. Insert bulb into clips at left hand blower inlet, checking that tip of bulb is higher than its junction with the capillary tube and that there is no interference with the blower wheel.

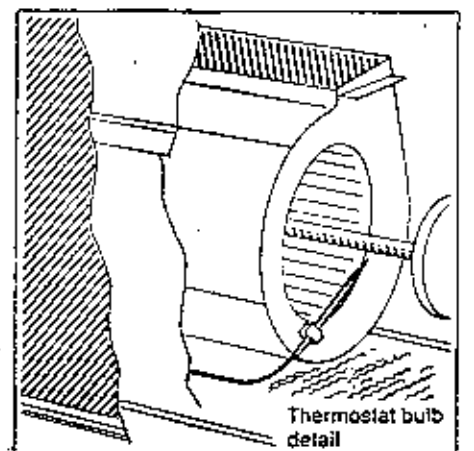
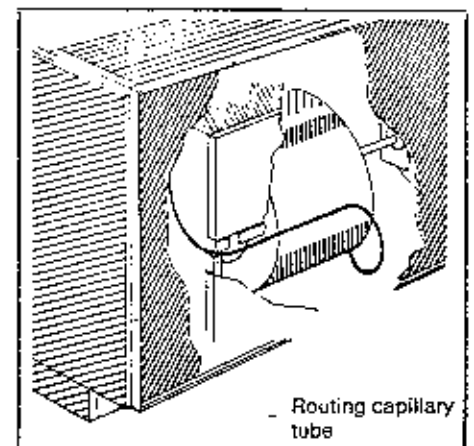
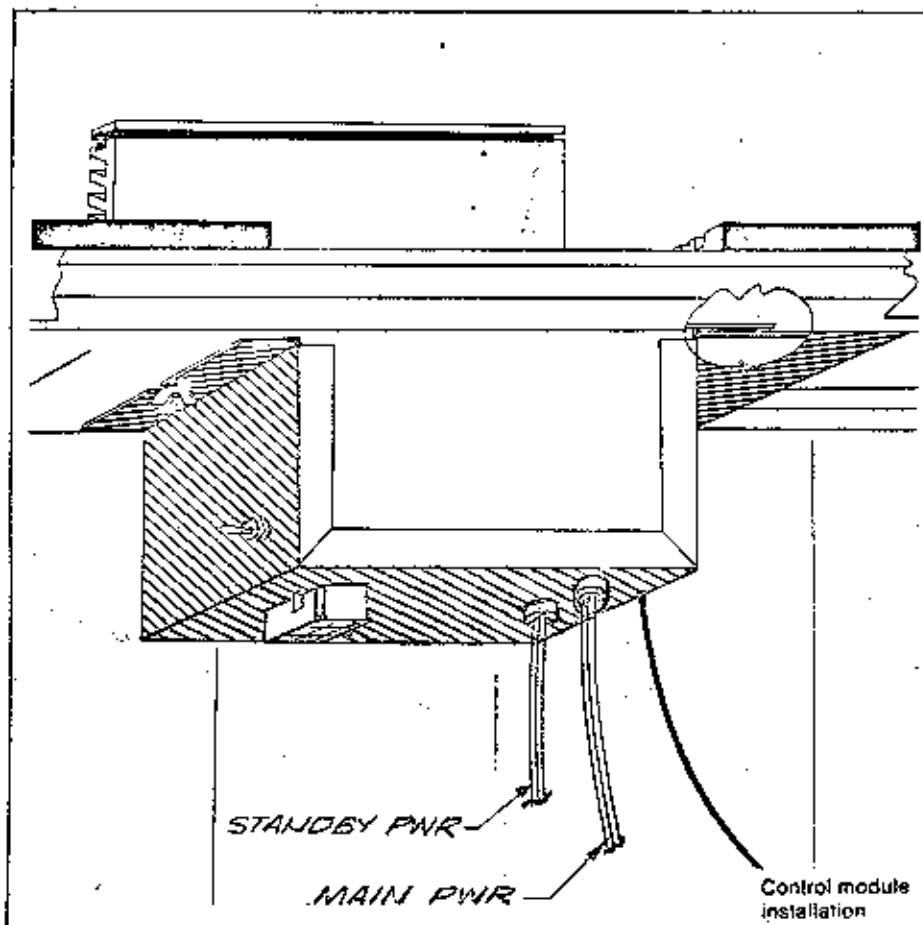
Step 5. Close blower compartment cover. Leave sheet metal screws loose.

NOTE: It is a good idea to check blower wheels for free running while compartment is open.

Step 6. Plug service cord into receptacle in junction box.

Step 7. Set fresh air damper switch to CLOSED position unless otherwise instructed in building plans or system specifications.

Step 8. Replace decorator panel on room cabinet.





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CW CONTROL WITH TEMPERATURE SETBACK

CAUTION: Do not plug in power cord until installation is completed and terminal is ready to run. Make certain that OFF button on control module is down while working on the equipment.

Step 1. Determine the required connections from the table in accordance with the building plans and system specifications. Plug in appropriate leads; plug in cooling chassis cable.

Step 2. With thermostat shaft to the right, insert control module right top plate through opening in grille frame and swing left end of module up so that slot goes over threaded stud at left. Install and tighten wing nut on threaded stud. (Wing nut is packed in hardware bag along with thermostat knob.) Fit aluminum switch plate over push buttons and thermostat shaft. Press thermostat knob onto thermostat shaft.

Step 3. Open blower compartment cover on cooling chassis by loosening 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.

Step 4. Insert bulb into clips at left hand blower inlet, checking that tip of bulb is higher than its junction with the capillary tube and that there is no interference with the blower wheel.

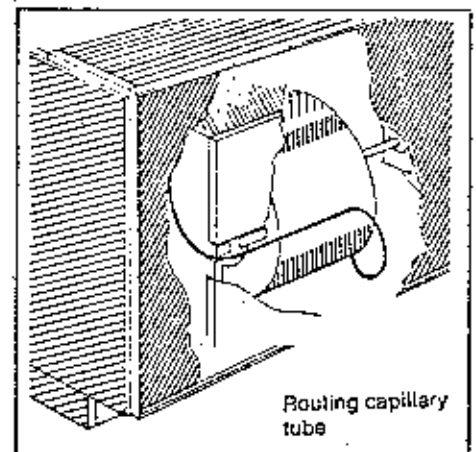
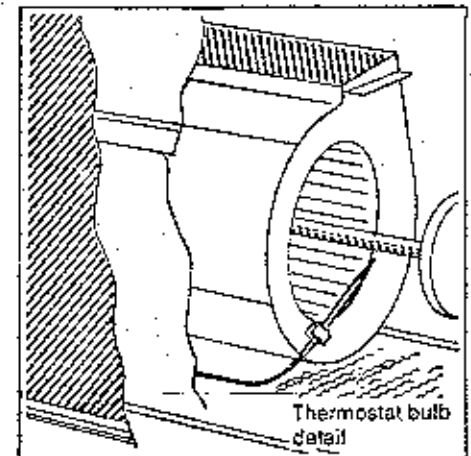
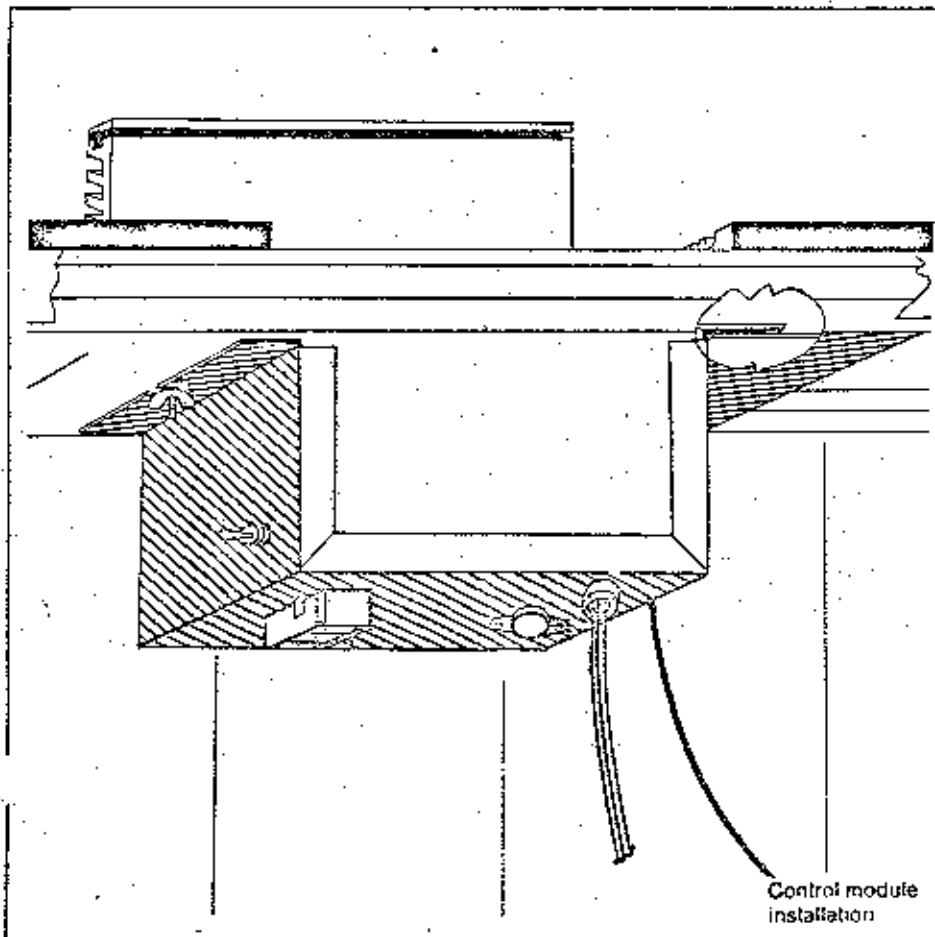
Step 5. Close blower compartment cover. Leave sheet metal screws loose.

NOTE: It is a good idea to check blower wheels for free running while compartment is open.

Step 6. Plug service cord into receptacle in junction box.

Step 7. Set fresh air damper switch to CLOSED position unless otherwise instructed in building plans or system specifications.

Step 8. Replace decorator panel on room cabinet.





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REMOTE CONTROL W/TEMP. SETBACK &
GUEST ROOM CONTROL FOR AD & SR UNITS.

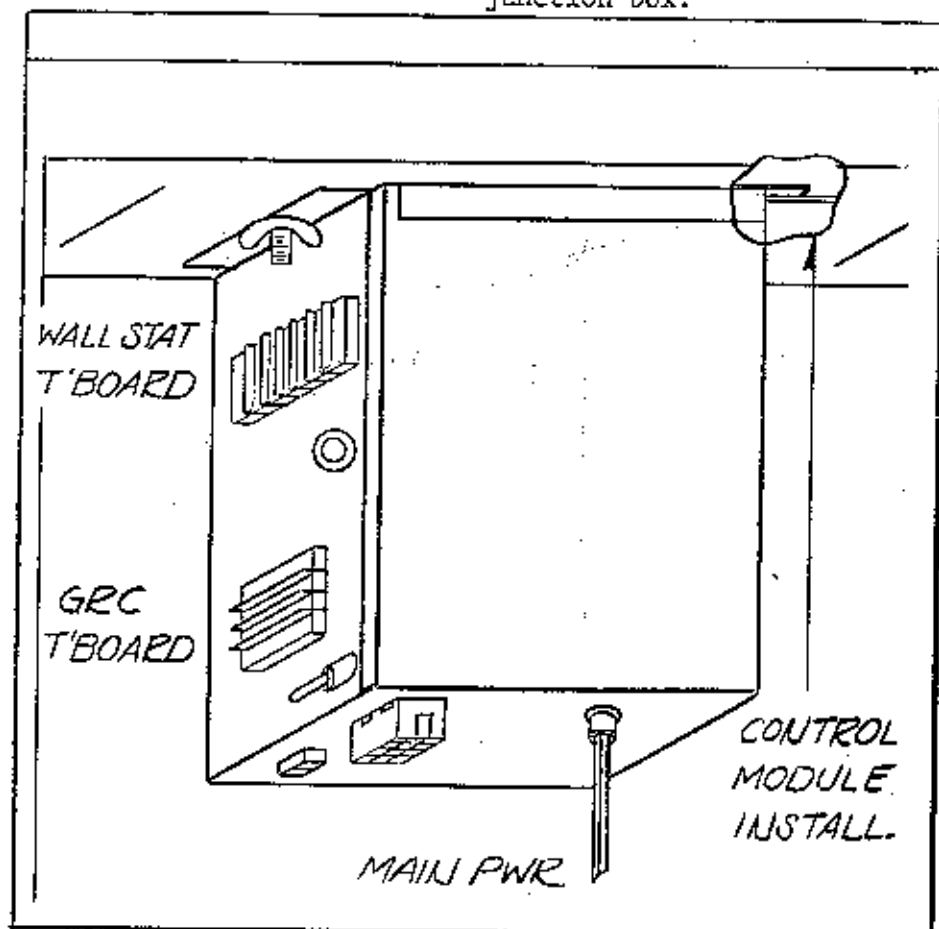
STEP 1. Complete 24v wiring for guest room control T'Board. Complete 24v wiring for wall stat T'Board with ref to attached wall t'stat wiring diagram.

STEP 2. Plug power cord into mating receptacle and plug in appropriate leads. Plug in cooling chassis cable.

STEP 3. Insert control module right top plate through opening in grille frame and swing left end of module up so that slot goes over threaded stud at left. Install and tighten wing nut on threaded stud. (Wing nut is packed in hardware bag).

STEP 4. Plug service cord into receptacle in junction box.

STEP 5. Set fresh air damper switch to closed position unless otherwise instructed in building plans or system specifications.



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