

INSTALLATION INSTRUCTION

ANTI-RECYCLE TIMER ACCESSORY MODEL 2TD08700324

Supersedes: Nothing

530.46-N1.16V (995)

035-13206

FOR SINGLE PACKAGE GAS/ELECTRIC AND ELECTRIC/ELECTRIC AIR CONDITIONERS

GENERAL

This solid state timer accessory provides a 5-minute time delay to prevent rapid compressor recycling. The lockout delay sequence begins when the thermostat contacts open thus allowing for optimum control performance of the system.

Enclosed in this kit are one timer control (per Figure 1), wires, screws and tywraps required for proper installation in the unit control box.

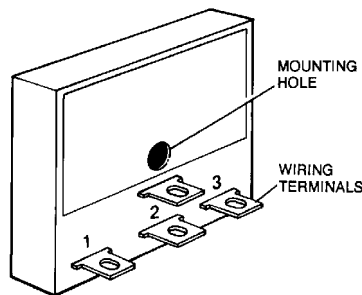


FIG. 1 - TIMER CONTROL

INSTALLATION

Install the timer accessory as follows:

1. Disconnect all electrical power to the unit.
2. Remove the units control box access panel.
3. Secure the timer control (designated ASCT on the unit wiring diagram) to the inside of the control box using the screw provided. (Pre-punched holes are provided in the control box for mounting.) Refer to the unit wiring diagram for location.
4. Connect wiring to the timer control per the following procedure. Refer to Figure 2 for interconnecting timer wiring.

NOTE: Refer to the unit wiring label inside of the control box access panel to assist in proper identification of wires to be altered. Wires are numbered and/or color coded.

Wiring with the pressure safety kit.

(If the unit does not have a pressure safety kit installed, go to step 4d)

- 4a. Remove wires 801/BLU from contactor coil M1-A and connect to ASCT-3.
- 4b. Connect wire 807/BLU (supplied with the kit) from ASCT-1 contactor coil M1-A (where wires 801/BLU and 805/BLU were).
- 4c. Connect wire 806/BRN (supplied with the kit) from ASCT-2 to contactor coil M1-B. Wire 806/BRN has a piggy-back terminal on one end to connect with wire 203/BRN on the contactor coil.

Wiring without the pressure safety kit.

(If the unit has a pressure safety kit installed, go to step 4a.)

- 4d. Remove wire 202/YEL from contactor coil M1-A and connect to ASCT-3.
- 4e. Connect wire 807/BLU (supplied with the kit) from ASCT-1 to contactor coil M1-A (where wire 202/YEL was).
- 4f. Connect wire 806/BRN (supplied with the kit) from ASCT-2 to contactor coil M1-B. Wire 806/BRN has a piggy-back terminal on one end to connect with wire 203/BRN on the contactor coil.
5. Replace the unit control box access panel.
6. Reconnect the electrical power to the unit.

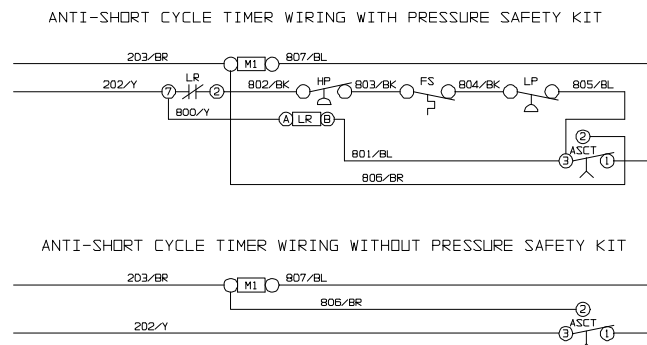


FIGURE 2 - ANTI-RECYCLE TIMER KIT WIRING DIAGRAM

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