

INSTALLATION INSTRUCTIONS

for KITS: 0849-008-K (20A, 120V, 60Hz), 0849-009-K (20A, 240V, 60Hz)
and 0849-010-K (20A, 220V, 50Hz) for Holding Cabinets

TIMER KIT CONSISTS OF:

DESCRIPTION	QTY.
Timer	1
Dial Label	1
Knob	1
Allen Wrench	1
Tywraps	2
Wire Assembly (blue)	2
Wire Assembly (brown)	1
Wire Nut	3
Screws #8-32 x 3/8" Lg.	3

INSTRUCTIONS:

1. Disconnect unit from power source.
2. Remove hot unit from cabinet.
3. Remove top or bottom cover to expose components.
4. Remove present timer, knob and nut that secures it to the control panel. **DO NOT REMOVE WIRE LEADS AT THIS TIME.**
5. Record timer wiring presently found in the unit as to where each wire goes (from the timer terminal and to what component).
6. Clean the control panel thoroughly with solvent/degreaser.
7. Remove drive screw used for pointer of old timer (if applicable).
8. If your panel has only one timer mounting hole, you will need to drill new holes:
 - a) Put the new timer shaft into the hole. Make sure the three mounting holes are facing like this:
9. Stick the black label onto the control panel; lining up the 3/8" dia. hole. Drill through the three mounting holes, if necessary.
10. Mount the timer to the control panel with the three (3) screws provided.
11. Install and adjust timer knob on the shaft so the knob pointer shows zero ("OFF") on the dial. There will be an audible "click" that indicates timer transfer.
12. Plug unit into a power source and run the following tests:
 - a) turn the timer knob ON, then to OFF. Check for proper thermostat/heater operation.
 - b) With an AC voltmeter, check the voltage at the timer motor leads to verify that the motor is being switched off and on by the timer. In the "ON" mode, the timer should have power and in the "OFF" mode it should not.
 - c) Turn the timer ON to minimum setting (15 minutes or less). Let the timer run out on it's own to check for proper motor operation.



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INSTRUCTIONS, continued:

13. Reassemble the unit. Tywrap the wire harness and replace the cover.

These diagrams (shown right) represent old and new timer physical description and schematic diagram. Determine which timer you have.

- Wire the new timer the same as the old, referencing the schematic diagram for method.
- Use wire assembly included in kit to adapt a new timer to the existing wiring if necessary.
- When using the wire nuts, cut off terminal from the lead wire and strip insulation 1/2" minimum.

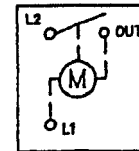
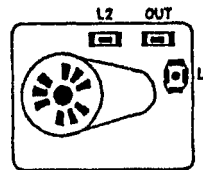
NOTE: On the Fig. 1 timers, there is only one switch. Wires that used to go to the second set of switches on the old timers, should be attached to L2 or wire-nutted together.

See wiring diagram below when replacing DPDT timer with a SPST timer.

TIMER COMPARISON:

NEW, Fig. 1

OLD, Figures 2 and 3.



NOTE:
Motor
internally
connected

FIG. 1; 10 or 18-Hr. Timer, S.P.S.T. (N.O.) Switch

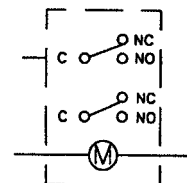
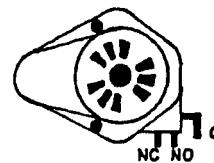


FIG. 2; 12-Hr. Timer, D.P.D.T. Switch

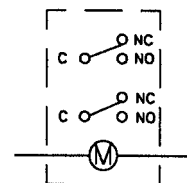


FIG. 3; 18-Hr. Timer, D.P.D.T. Switch

