

GENERAL INSTRUCTIONS



All field wiring modifications should be made in compliance with all National, State and local codes.

The compressor delay kit, when installed properly, will delay compressor start up for approximately 3 minutes when 120 VAC power is interrupted or if the thermostat is inadvertently turned off and back on again, causing the compressor to quick cycle under load. This will help prevent breaker tripping and may extend compressor life.

Keep these instructions for future reference.

This kit contains:

- 1 Time delay relay
- 1 7" Yellow wire
- 1 #10 Self drilling screw
- 1 Field wiring decal
- 1 3314417.000 Installation Instructions

WARNING

These instructions must be read and understood before installation of this kit. This kit must be installed by a Dometic Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

SAFETY INSTRUCTIONS

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

RECOGNIZE SAFETY INFORMATION



This is the safety alert symbol. It is used to alert you to personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

UNDERSTAND SIGNAL WORDS

A signal word, when used with the safety alert symbol, will identify a safety hazard and its level of risk for personal injury. A signal word, without the safety alert symbol, will be used for property damage messages only.

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.



Information



Step-by-step instructions

WARNING

Read and follow all safety information and instructions to avoid personal injury.

REVISION A

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INSTALLATION INSTRUCTIONS

-  1. Shut off the 120 VAC to the air conditioner.

⚠ WARNING

Disconnect 120 VAC. Failure to obey these instructions could create a shock hazard causing death or severe personal injury.

2. Remove the main cover from the unit main electrical box. This will allow access to the electrical components.
3. Remove the 2 screws that secure the cover plate to base pan on the lower left side of the main electrical box. Cover need not be removed completely. See FIG. 1.
4. Remove the 2 screws that hold the electrical box to the side of the unit. Slide the electrical box down. Once it is clear, fold the top away from the unit. See FIG. 1.

FIG. 1 Main Electrical Box Shown With Main Cover Removed

Step 4
Remove 2 Screws.
Slide Down And
Fold Out.

Cover Plate

Step 3
Remove 2 Screws.

5. Position the time delay relay as shown in FIG. 1. It should be centered 5" from the top and 1-1/2" from the front edge. Drive the self drilling screw through the electrical box to attach the relay. See FIG. 2.

FIG. 2

Step 5
Self Drilling
Screw

**Compressor
Relay**

**Time Delay
Relay**

1-1/2"

5"

6. Remove the yellow wire from the coil terminal on compressor relay. The compressor relay is the lower relay in the electrical box. See FIG. 2.
7. Connect the yellow wire removed in step 6 to the time delay relay terminal marked 3. See FIG. 3.

FIG. 3

Step 9
Set Pointer To
3rd Mark



Step 8
Connect Yellow Wire
Supplied In Kit

Step 7
Connect Yellow Wire
From Compressor Relay

8. Connect the yellow wire supplied, to the time delay relay terminal marked 1. See FIG. 3. Attach the opposite end of the yellow wire to the coil terminal on the compressor relay where the wire was removed in step 6.
9. Turn the pointer on the time delay relay counter clock wise as far as it will turn and return it to the 3rd mark. This will set the time delay relay to allow for a delay of approximately 3 minutes before the compressor starts.
10. Place the wiring decal supplied in the kit over the top of the existing wiring diagram.
11. Make sure that all wiring is tight and replace the covers. Be carefull not to pinch any wires.
12. Restore the 120 VAC power to the unit and set the thermostat to call for cooling. Check to verify that the starting time for the compressor is approximately three minutes.