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REFERENCE:

Date Installed _____
Installed By _____
Product Serial Number _____

USA

SERVICE OFFICE
Dometic Corporation
1120 North Main Street
Elkhart, IN 46514

CANADA

Dometic Corporation
46 Zatonski, Unit 3
Brantford, ON N3T 5L8
CANADA

**For Service Center
Or Dealer Locations
Please Visit:**

www.eDometic.com

**3314998.000 KIT, HEATER ASSEMBLY 120VAC
FOR USE WITH
3314850.000 & 3314851.000
AIR DISTRIBUTION BOX**

Heat Kit Application Chart

Heat Kit	ADB	Air Conditioner	Relay Box	T-Stat Type
3314998.000	3314850.000	457915	3312020.000	CCC 2
		459516		
		540315		
		540316		
		640312	3313189.049 3313189.056	SZLCD
		640315		
3314998.000	3314851.000	B57915	N/A	Mechanical
		B59516		
		457915		
		459516		
		540315		
		540316		
3314998.000	3314851.000	640312		
		640315		
		B57915		
		B59516		
		457915		
		459516		

SERVICE INSTRUCTIONS

3314998.000 KIT, HEATER

REVISION A

Form No. 3315425.000 11/16
(French 3315426.000_A)
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LaGrange, IN 46761



**Read these instructions carefully. These
instructions MUST stay with this product.**

INTRODUCTION

This kit is designed for and may only be installed on Dometic air conditioners (hereinafter referred to as “unit”, or “product”) used with 3314850.XXX and 3314851.XXX air distribution box (hereinafter referred to as "ADB". See application chart on front page. This kit is not designed for and can not be installed on units with integral electronic control boards.

Installation can take place prior to or after the unit is installed. Use these instructions to ensure a properly installed, and properly functioning product.

Dometic Corporation reserves the right to modify appearances and specifications without notice.

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DOCUMENT SYMBOLS

 Indicates additional information that is **NOT** related to physical injury.

 Indicates step-by-step instructions.

IMPORTANT SAFETY INSTRUCTIONS

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

A. Recognize Safety Information



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

B. Understand Signal Words

A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

⚠ WARNING indicates a hazardous situation that, if **NOT** avoided, could result in death or serious injury.

⚠ CAUTION indicates a hazardous situation that, if **NOT** avoided, could result in minor or moderate injury.

NOTICE is used to address practices **NOT** related to physical injury.

C. Supplemental Directives



Read and follow all safety information and instructions to avoid possible injury or death.

Read and understand these instructions before [installing / using / servicing / performing maintenance on] this product.

Incorrect [installation / operation / servicing / maintaining] of this product can lead to serious injury. Follow all instructions.

D. General Safety Messages

⚠ WARNING Failure to obey the following warnings could result in death or serious injury:

- This product **MUST** be [installed / serviced] by a qualified service technician.
- Do **NOT** modify this product beyond the scope of these service instructions. Modification (beyond these service instructions) can be extremely hazardous.

GENERAL INFORMATION

A. Scope Of Delivery

- (1) Service Instructions
- (1) Electric Heater
- (4) 3310201.005 Screw, S10-16 x .50

B. Required Tools

- #2 Phillips Screwdriver / Bit
- Utility Knife

PROCEDURE

A. Electric Heater Installation

-  1. **⚠ WARNING** ELECTRICAL SHOCK HAZARD. Disconnect 120 Vac power from RV. Failure to obey this warning could result in death or serious injury.

NOTICE Disconnect the positive (+) 12 Vdc terminal from supply battery. Otherwise, damage to unit could occur.



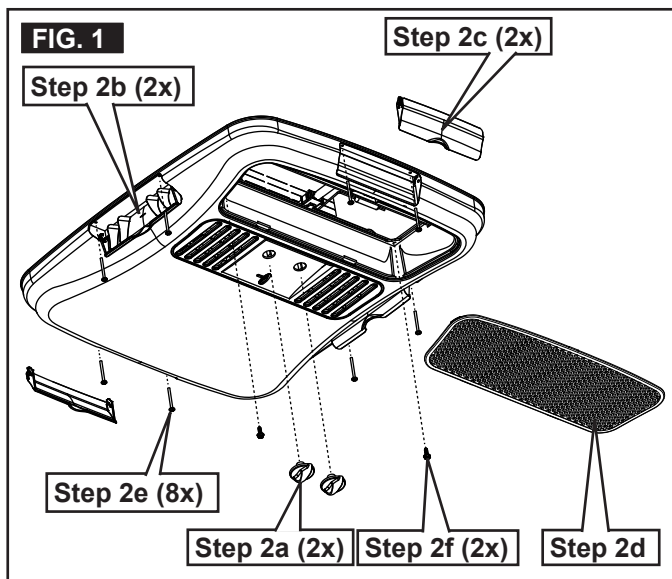
Electric heater mounts directly to the ceiling template from below.

If unit is already installed, the ADB will need to be removed.

For initial unit installations, follow units installation instructions up to installing ADB, then go to step 3.

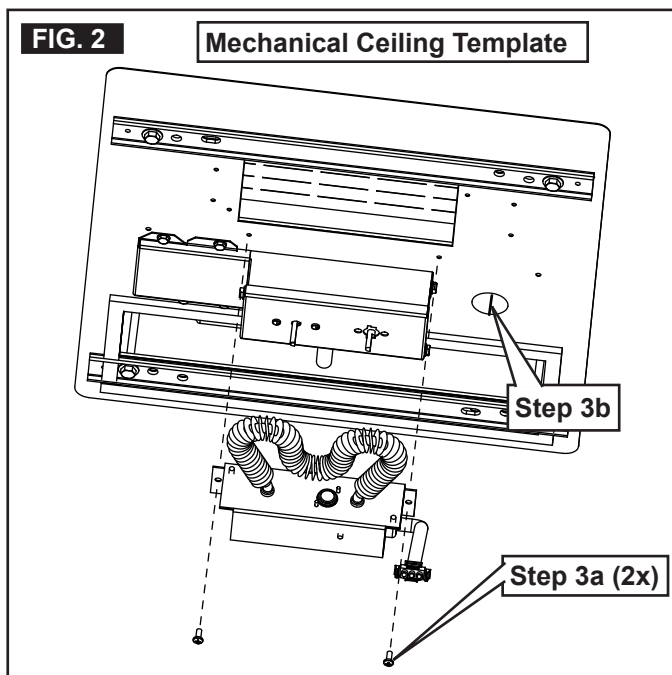
2. Remove ADB
 - a. Disengage control knobs (mechanical control models only) from switch and thermostat shafts. See (FIG. 1).
 - b. Open both side vent doors to access mounting screws.
 - c. Remove front and rear vent doors to access mounting screws.
 - d. Remove return air vent grille.
 - e. Remove the eight (8) wood screws visible through the front, rear, and side vent doors that secure the ADB to the ceiling.
 - f. While holding the ADB, remove the two (2) sheet metal screws that secure the ADB to the ceiling template.

PROCEDURE

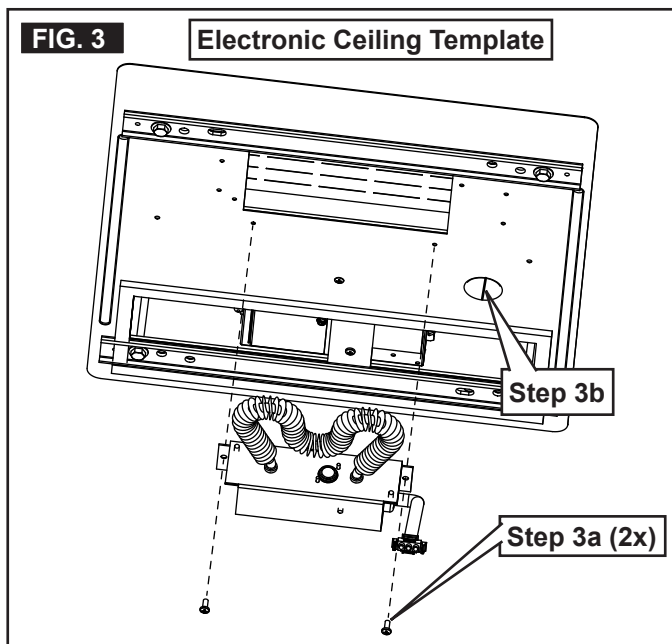


3. Install Electric Heater

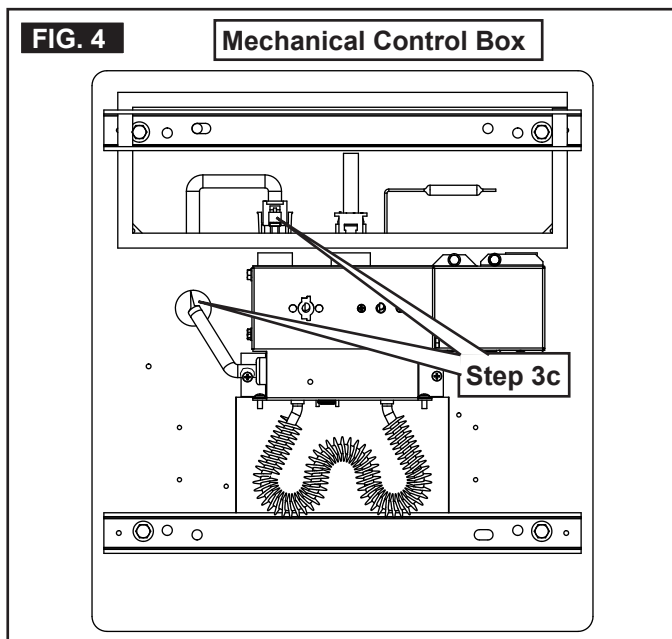
- a. Secure electric heater to ceiling template using two (2) (supplied) S 10-16 x .50 screws. See (FIG. 2) & (FIG. 3).



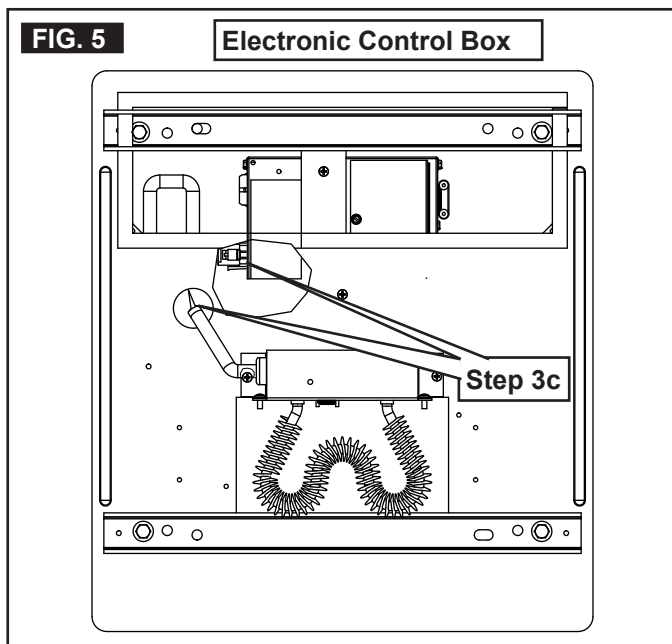
PROCEDURE



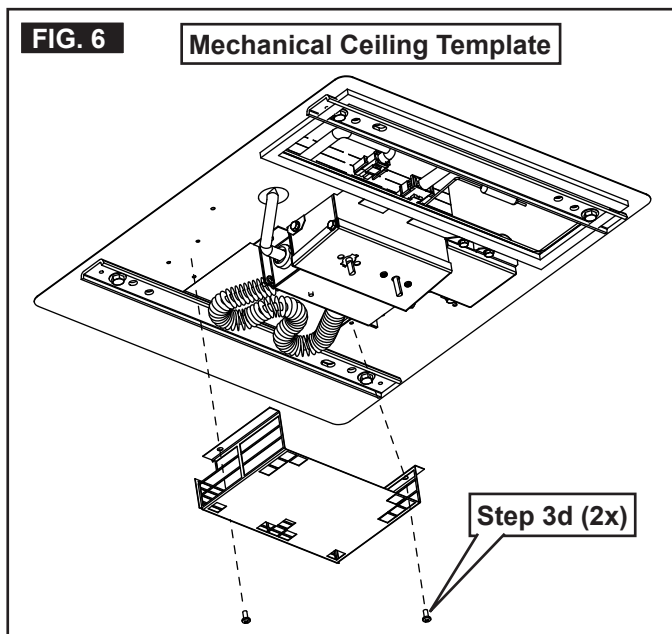
- b. Cut slot through insulation for electric heater cable. See (FIG. 2) & (FIG. 3).
- c. Route the 3 pin electrical cord from heater through slot in insulation and plug it into the mating connector in the control box. See (FIG. 4) & (FIG. 5).



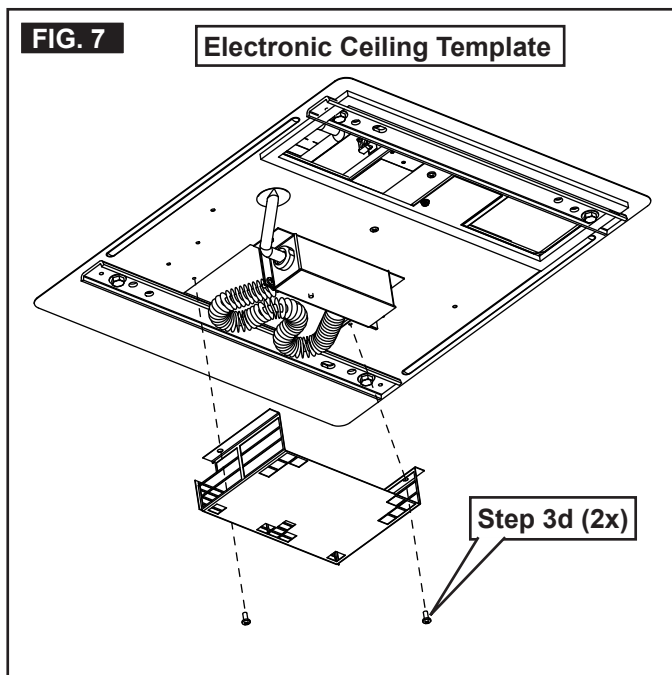
PROCEDURE



- d. Secure heater guard to ceiling template using two (2) (supplied) S 10-16 x .50 screws. See (FIG. 6) & (FIG. 7).



PROCEDURE



This completes the electric heater installation.

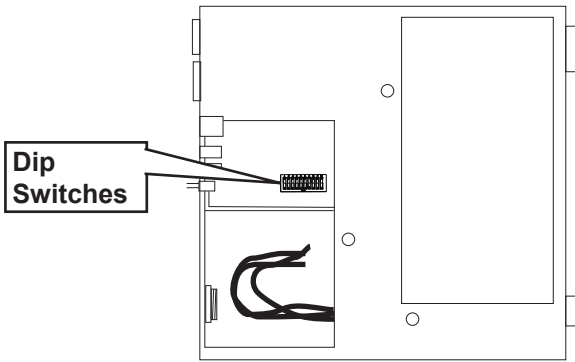
For initial unit installations, return to the unit installation instructions to complete the installation.

For pre installed units with CCC 2 electronic controls, continue with step 4. All others go to step 5.

4. Electronic Control Configuration (CCC 2 units only)
 - a. Remove the electrical control box cover. See (FIG. 8).

PROCEDURE

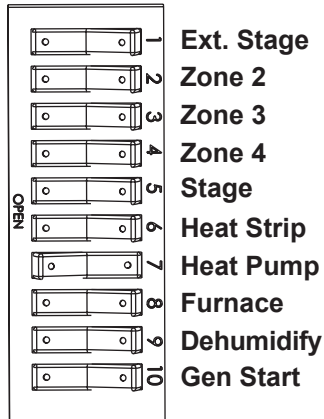
FIG. 8



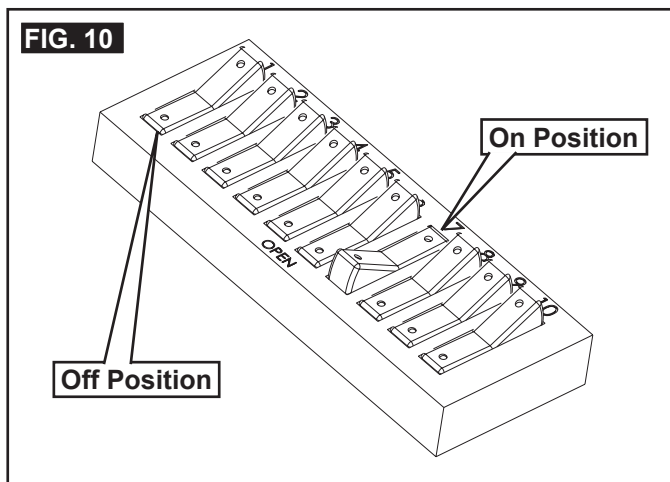
- b. Place dip switch #6 in the "ON" position. See (FIG. 9) & (FIG. 10).

FIG. 9

Dip Switches



PROCEDURE



c. Reinstall electrical control box cover.

5. Reinstall ADB

a. Follow "Remove ADB" steps a - f in reverse order to reinstall ADB. See (FIG. 1).

6. Reconnect the 120 Vac and 12 Vdc power supplies.

7. System Reset (CCC 2 units only)

 When a dip switch is turned on after initial configuration, a system reset needs to be done before the CCC 2 thermostat will recognize the updated selection.

a. Make sure the CCC 2 thermostat is in the **OFF** mode.

b. Simultaneously press the **MODE** and **Zone** buttons. The LCD will display "IniT" and all available zones.

c. Release the **MODE** and **ZONE** buttons.

d. Press the **ON/OFF** button to exit system set-up.

8. System Checkout

a. See user's guide or operating instructions for your unit and verify that all features of the installed system work. If they do not, disconnect the 120 Vac and 12 Vdc power supplies and verify that all wiring is correct.