



RECORD THIS INFORMATION FOR FUTURE REFERENCE:

Model Number \_\_\_\_\_  
Serial Number \_\_\_\_\_  
ADB Model Number \_\_\_\_\_  
ADB Serial Number \_\_\_\_\_  
Date Purchased \_\_\_\_\_

# INSTALLATION & OPERATING INSTRUCTIONS

## *DuraSea Roof Top Air Conditioner*

Roof Top Unit				
Description	Model	Type	Use With Air Distribution Box (not included)	
			Model	Control
Air Conditioner	B3300	3341P 83341A	3314865.000	Integral Mechanical



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

# INTRODUCTION

This air conditioner (hereinafter referred to as “unit” or “product”) is designed and intended for installation on the roof of a boat during or after the time the vessel is manufactured.


This unit can be installed by one person with brief help from additional personnel. Use these instructions to ensure a properly installed, and properly functioning product.

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

# TABLE OF CONTENTS

INTRODUCTION .....	2
DOCUMENT SYMBOLS .....	3
IMPORTANT SAFETY INSTRUCTIONS .....	3
A. Recognize Safety Information .....	3
B. Understand Signal Words .....	3
C. Supplemental Directives .....	3
D. General Safety Messages .....	3
SPECIFICATIONS .....	4
A. Table - Unit Data .....	4
B. Power Requirements .....	4
C. Roof Requirements .....	4
INSTALLATION INSTRUCTIONS .....	5
A. Choosing Proper Location For Unit .....	5
B. Roof Preparation .....	5
C. Wiring Requirements .....	6
D. Placing Unit On Roof .....	6
E. Installing Unit .....	6
F. Wiring System .....	8
G. Installing ADB .....	9
OPERATING INSTRUCTIONS .....	11
A. Controls .....	11
B. “OFF” Position (⊙) .....	11
C. Cooling Operation (Blue Graphic) .....	11
D. Heating Operation (Red Graphic) With Electric Heater Option Installed .....	11
E. Fan Operation (Black Graphic) .....	11
F. Center Air Discharge .....	11
MAINTENANCE .....	12
A. Air Filter .....	12
B. ADB Housing .....	12
C. Fan Motor .....	12
GENERAL INFORMATION .....	12
A. Frost Formation On Cooling Coil .....	12
B. Heat Gain .....	12
C. Condensation .....	12
SERVICE - UNIT DOES NOT OPERATE .....	13
WIRING DIAGRAM .....	13
A. Unit Wiring Diagram .....	13
B. ADB Wiring Diagram .....	13
OWNER’S LIMITED WARRANTY .....	14
A. What’s Covered .....	14
B. What’s Not Covered .....	14
C. Coverage Period .....	15
D. Getting Service .....	15
E. Table Of Warranty Periods .....	16

# 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 users 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.

The installation **MUST** comply with all applicable ABYC, local or national codes, including the latest edition of the following standards:

### U.S.A.

- ANSI/NFPA70, National Electrical Code (NEC)

### CANADA

- CSA C22.1, Parts I & II, Canadian Electrical Code

## 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 in any way. Modification can be extremely hazardous.
- Do **NOT** add any devices or accessories to this product except those specifically authorized in writing by Dometic Corporation.

# SPECIFICATIONS

## A. Table - Unit Data

Type	3341P, 83341A
A/C OR HP	A/C
Nominal Cooling Capacity (kW)	3.4
Electric Heat Capacity (kW)	1.6
Electrical Rating	220 - 240 Vac 50 Hz, 1 ph
Full Load Amps (Compressor / Motor)	5.56 / 1.4
Locked Rotor Amps (Comp / Motor)	25 / 2.6
Power (kW) Compressor + Motor	1.38
Power (kW) Heater	1.6
Refrigerant R410A Gram / Ounce	822 / 29
Minimum Wire Size	Up to 8 meters use 1.5 mm <sup>2</sup> , Copper. Consult Regulatory Codes.
AC Circuit Protection (Installer Supplied)	10 Amp Time Delay Fuse, or Circuit Breaker
* Generator Size	1 Unit - 3.5 kW 2 Unit - 5.0 kW
Rating Plate	3313169.000
Height	333 mm
Width	759 mm
Depth	886 mm
Weight	46.7 kg

\* Dometic Marine gives **GENERAL** guidelines for generator requirements. To reduce start-up power draw by up to 65%, consider installing a Dometic SmartStart.

## B. Power Requirements

- 220 - 240 Vac, 50 Hz, 10 Amp.
- Power when the unit starts must be above 198 Vac and the frequency must be 50 Hz at all times.

## C. Roof Requirements

- A 362 mm x 362 mm (±3 mm) square opening (hereinafter referred to as "roof opening") is required for installing this unit.
- If applicable: Roof construction with rafters/ joists support frames on minimum of 406 mm centers.
- Minimum of 25 mm and maximum of 102 mm distance between roof to ceiling.

# INSTALLATION INSTRUCTIONS

## A. Choosing Proper Location For Unit

This unit is specifically designed for installation on the roof of a boat. Mount only with front of unit facing the bow (the vented end should face aft). See "FIG. 4" on page (6).

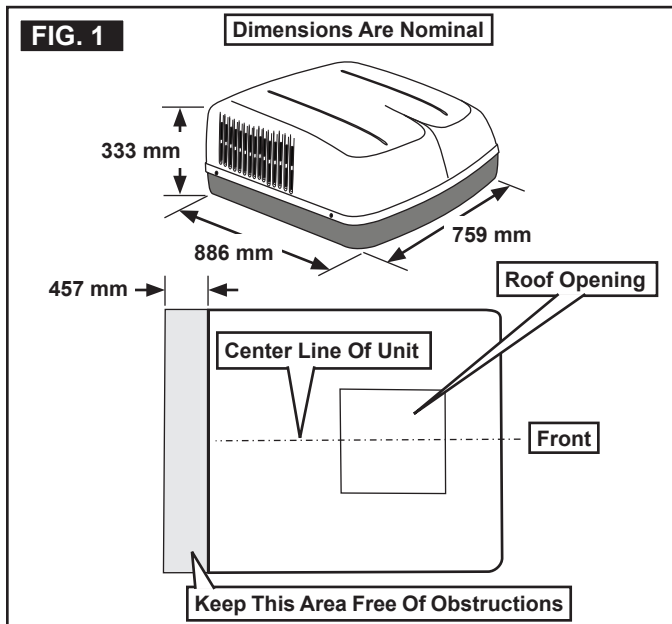
When determining your cooling requirements, the following should be considered:

- Size of boat;
- Window area (increases heat gain);
- Amount of insulation in walls and roof;
- Geographical location where boat will be used;
- Personal comfort level required.

It is preferred that the unit be installed on a relatively flat and level roof section. See table below for maximum acceptable tilt.

Type Number	Max Tilt
3341	15°
83341A	

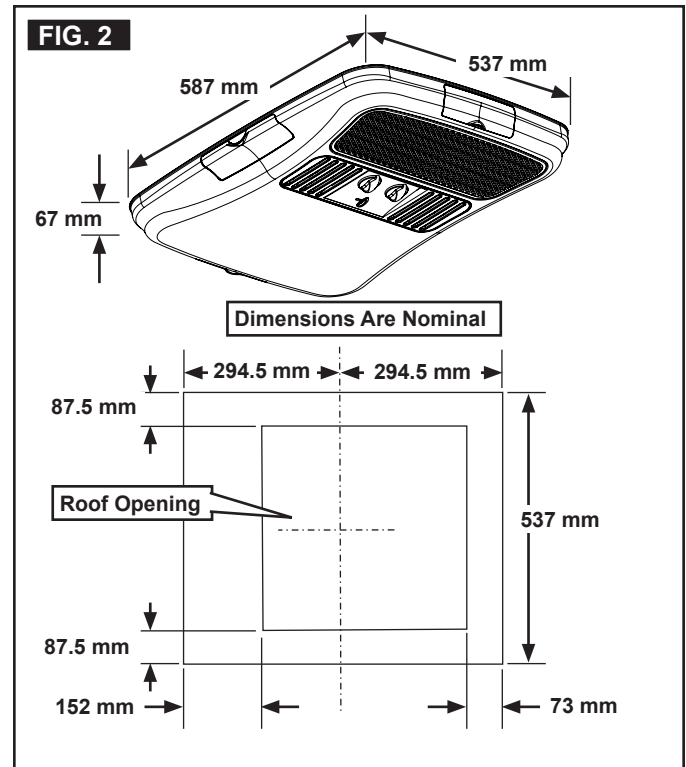
1. After Location Has Been Selected:
  - a. Check for obstructions in the area where unit will be installed. See (FIG. 1).



- b. **NOTICE** Maintain structural integrity. Otherwise damage to product and/or boat could occur.

The roof must be designed to support 60 kg when the boat is in motion. Normally a 60 kg static load design will meet this requirement.

- c. Check inside the boat's cabin for air distribution box (hereinafter referred to as "ADB") obstructions (i.e. space for doors to open, room dividers, curtains, ceiling fixtures, etc.). See (FIG. 2).



## B. Roof Preparation

1. **WARNING** FIRE OR ELECTRICAL SHOCK HAZARD. Verify there are no obstacles inside boat's roof and/or walls (wires, pipes, etc.). Shut **OFF** gas supply, disconnect 220-240 Vac power from boat, and disconnect positive (+) 12 Vdc terminal from supply battery **BEFORE** drilling or cutting into boat. Failure to obey these warnings could result in death or serious injury.

**i** Opening Requirements - Before preparing the ceiling opening, read all of the following instructions before beginning the installation.

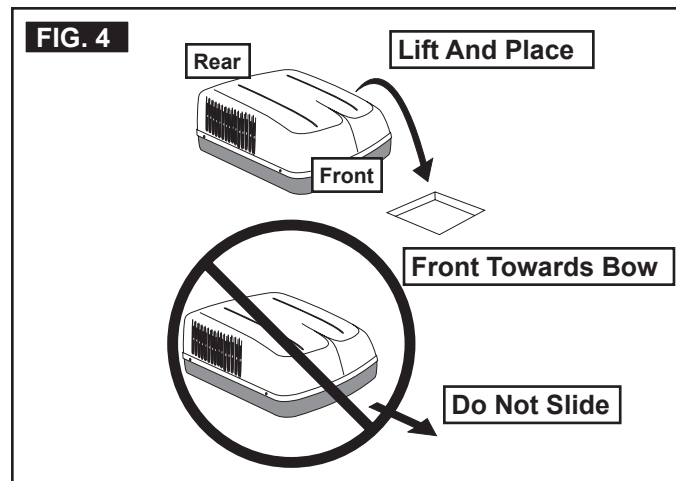
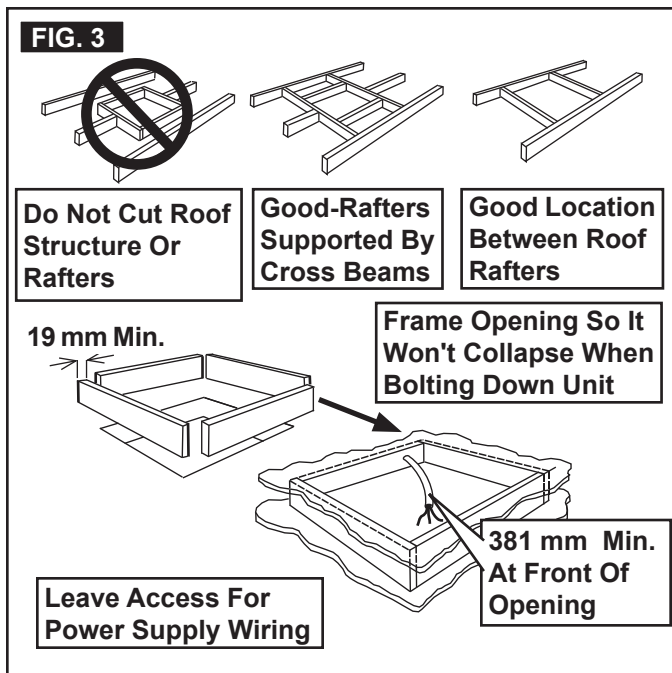
2. Carefully mark and cut the required roof opening. See "C. Roof Requirements" on page (4).
3. **NOTICE** Maintain structural integrity. Otherwise damage to product and/or boat could occur.

**NOTICE** NEVER create a low spot on boat roof. Otherwise, water will pool and could cause a leak.

Using the roof opening as a guide, cut the matching hole in the ceiling.

The opening created must be framed to provide adequate support and prevent air from being drawn from the roof cavity. Framing stock 19 mm or more in thickness must be used. Remember to provide an entrance hole for power supplies at the front of the opening. See (FIG. 3).

# INSTALLATION INSTRUCTIONS



- Place the ADB kit (ordered separately) inside the boat. This box contains mounting hardware for the unit and will be used inside the boat.

**i** This completes the outside work. Minor adjustments can be done from inside the boat if required.

## C. Wiring Requirements

- Route a copper, with ground, 220 - 240 Vac supply wire from the time delay fuse or circuit breaker box to the roof opening. Use a listed/certified non metallic - sheathed single strand cable. See "A. Table - Unit Data" on page (4).
  - This supply wire must be located in the front portion of the roof opening.
  - The power **MUST** be on an appropriately sized separate time delay fuse or circuit breaker. See "A. Table - Unit Data" on page (4).
  - Make sure that at least 381 mm of supply wire extends into the roof opening. This insures an easy connection at the junction box.
  - Protect the wire where it passes into the opening with approved method.

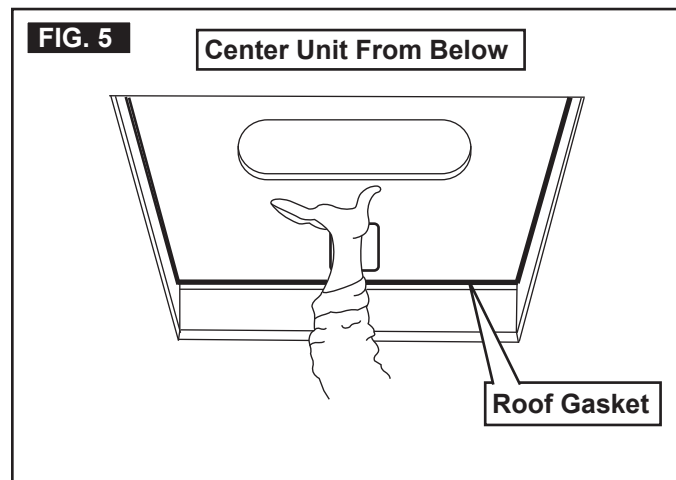
## D. Placing Unit On Roof

- Remove the unit from the carton and discard carton.
- CAUTION** LIFTING HAZARD. Use proper lifting technique and control when lifting product. Failure to obey this caution could result in injury. Place unit on the roof.
- NOTICE** Do **NOT** slide unit. Otherwise, damage to gasket (on bottom of unit) may occur, and could cause a leak.

Lift and place the unit over the prepared opening using the gasket on the unit as a guide. See (FIG. 4).

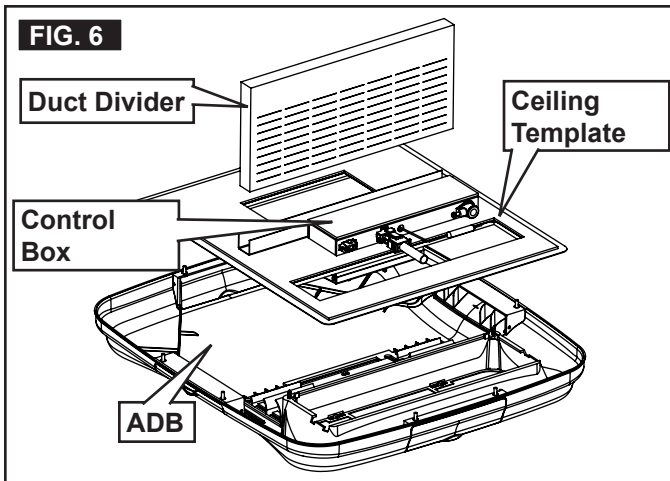
## E. Installing Unit

1. Check for correct alignment and adjust the unit as necessary (roof gasket centers over the roof opening). See (FIG. 5).

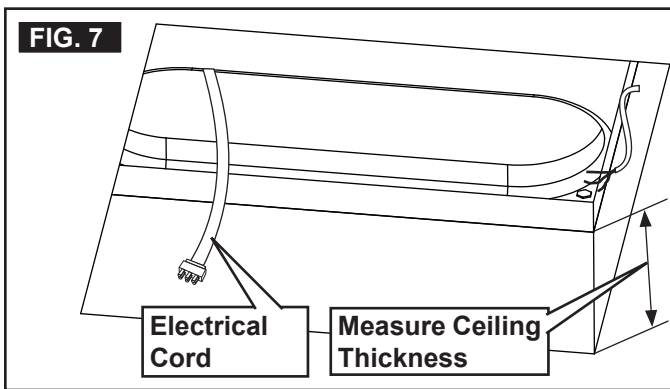


2. Remove ADB and mounting hardware from carton. See (FIG. 6).

# INSTALLATION INSTRUCTIONS

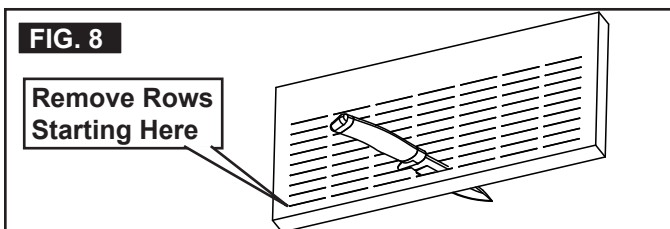


3. All models in this manual will use a four (4) bolt pattern for installing the ADB kit.
4. Reach up into the return air opening of the unit and pull the unit electrical cord down for later connection. See (FIG. 7).



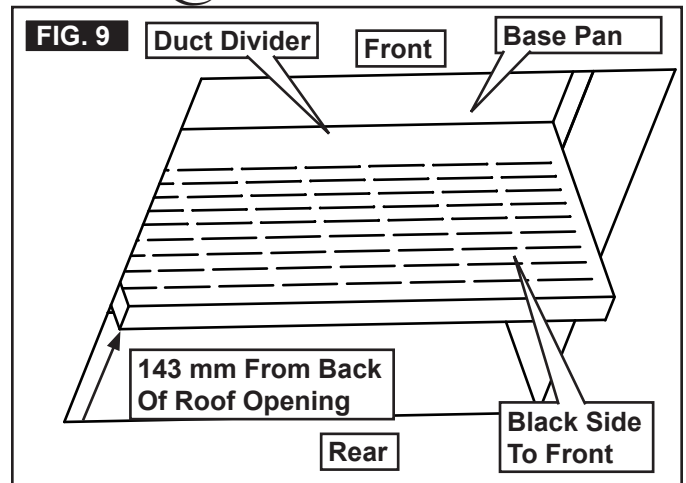
5. Duct Divider Installation
  - a. Measure the ceiling thickness. See (FIG. 7).
  - b. Cut away the number of rows as indicated in table below. See (FIG. 8).

Ceiling Thickness		# Of Rows To Cut	Ceiling Thickness		# Of Rows To Cut
Min.	Max.		Min.	Max.	
152 mm	165 mm	0	89 mm	102 mm	5
140 mm	152 mm	1	76 mm	89 mm	6
127 mm	140 mm	2	64 mm	76 mm	7
114 mm	127 mm	3	51 mm	64 mm	8
102 mm	114 mm	4	38 mm	51 mm	9

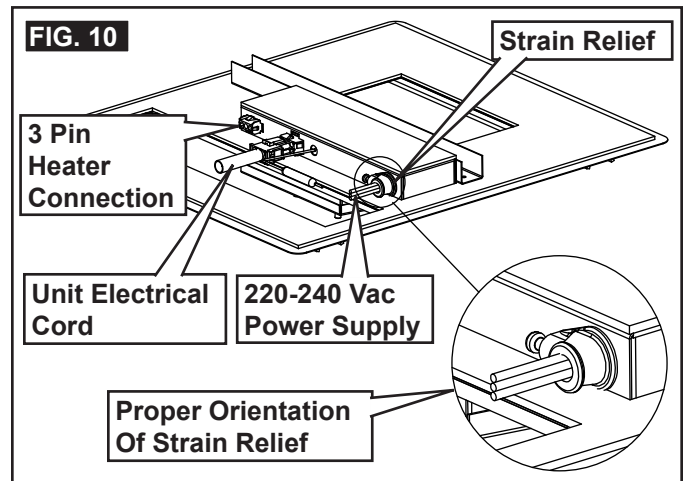


- c. Carefully install the duct divider in the roof opening 143 mm from back of roof opening. See (FIG. 9).

Foil back faces rear of unit.



6. Ceiling Template Installation
  - a. Plug the 9 pin electrical cord from the top unit into the matching 9 pin connector in the electronic control box. The plug is polarized and will only fit in one direction. See (FIG. 10).

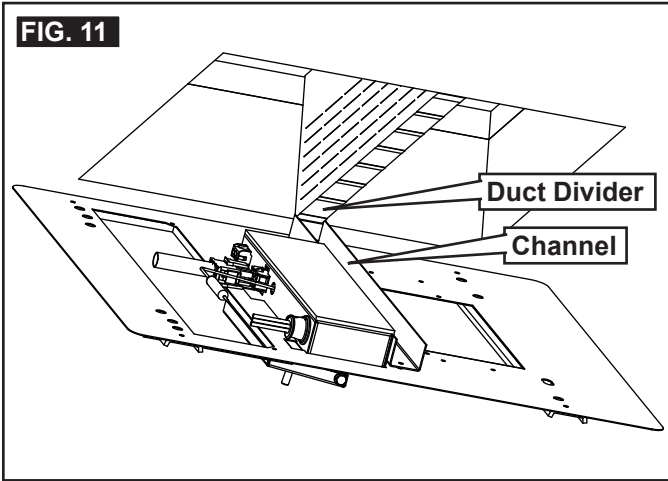


- b. Plug the 3 pin heater cord (if applicable) from the top unit into the matching 3 pin connector in the electronic control box. See (FIG. 10).
- c. Install supplied strain relief in junction box hole cutout. It may already be installed on some units.
- d. Route the previously run 220-240 Vac power supply wire through strain relief and into junction box. See (FIG. 10). If making a plug-in connection see d on page 9.
- e. Secure 220-240 Vac power supply wire by tightening strain relief screw making sure not to damage wires. See (FIG. 10).

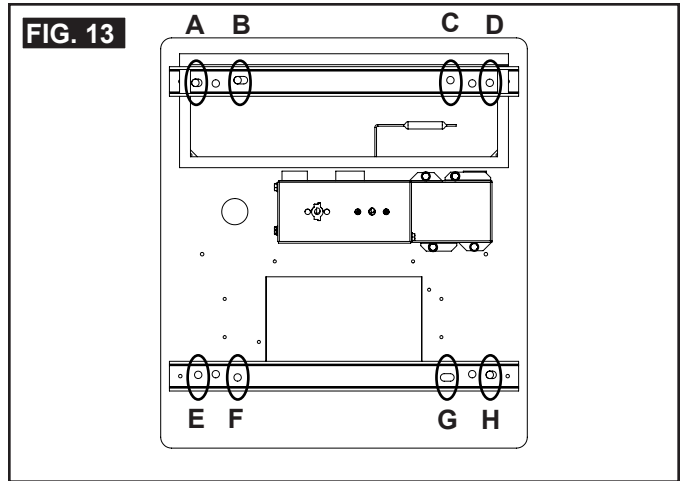
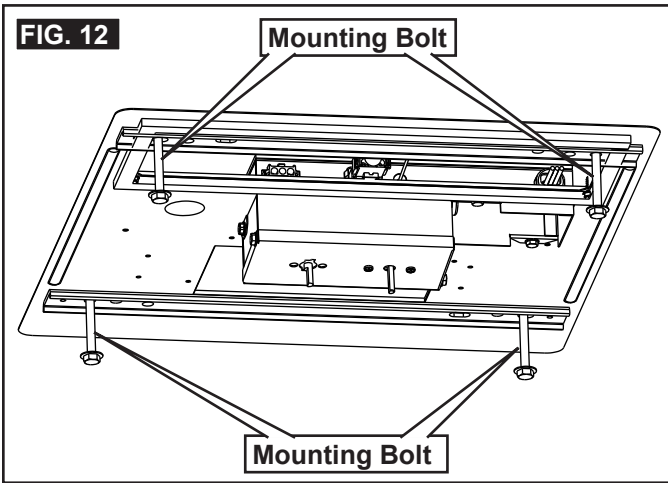


# INSTALLATION INSTRUCTIONS

- f. Hold the ceiling template up to the roof opening and line up the channel in the ceiling template with the previously installed duct divider. See (FIG. 11).



- g. Hold the ceiling template up to the roof opening and start each mounting bolt, by hand, through the ceiling template and up into the unit base pan. See (FIG. 12) & (FIG. 13).



- h. **NOTICE** Tighten mounting bolts to correct torque specifications. Overtightening could damage unit's base pan or ceiling template. Not enough torque will allow an inadequate roof seal, and could cause a leak. Tighten all four (4) mounting bolts **EVENLY** with in 4.5 to 5.6 N·m. See (FIG. 12).

## F. Wiring System

### 1. 220 - 240 Vac Power Supply Connection

- ⚠ WARNING** ELECTRICAL SHOCK HAZARD. Verify 220-240 Vac power is disconnected from boat. Failure to obey this warning could result in death or serious injury.
- ⚠ WARNING** ELECTRICAL SHOCK HAZARD. Provide grounding in compliance with all applicable electrical codes. Failure to obey this warning could result in death or serious injury.

**i** The electrical installation **MUST** be done by an authorized electrician. In some areas electricians **MUST** be licensed.

**i** You may either wire direct into the junction box for a permanent connection or wire a molded plug into the junction box for a plug connection.

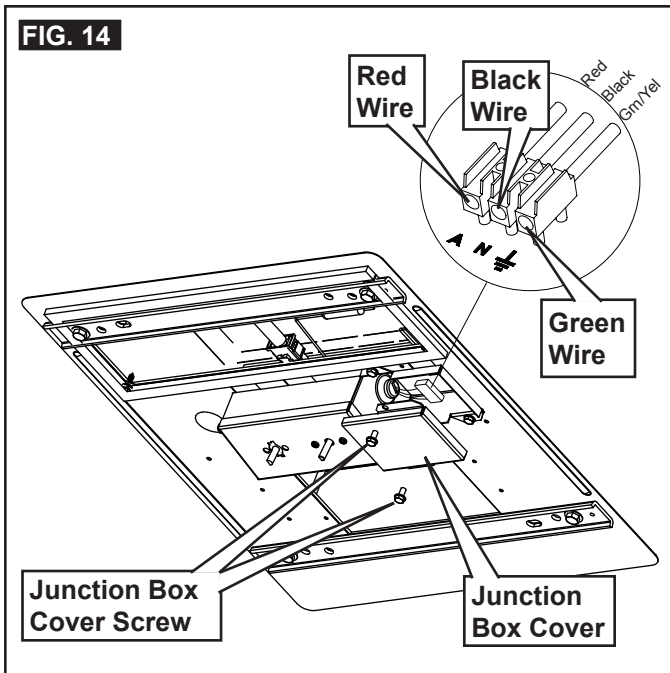
- If a permanent connection, connect the power supply wire to the unit at the terminal block provided in the junction box. See (FIG. 14). Connect RED (Active) wire to terminal (A). Connect BLACK (Neutral) wire to terminal (N). Connect green or bare copper wire to terminal  $\perp$ .

Mounting Bolt Pattern Table See (FIG. 13)

Type	Bolt Location
3341P	A, D, E & H
83341A	



# INSTALLATION INSTRUCTIONS



- d. If a plug in connection; Use the electric supply wire to power an electrical outlet (installed according to applicable laws) at the end of the roof opening farthest from the junction box.

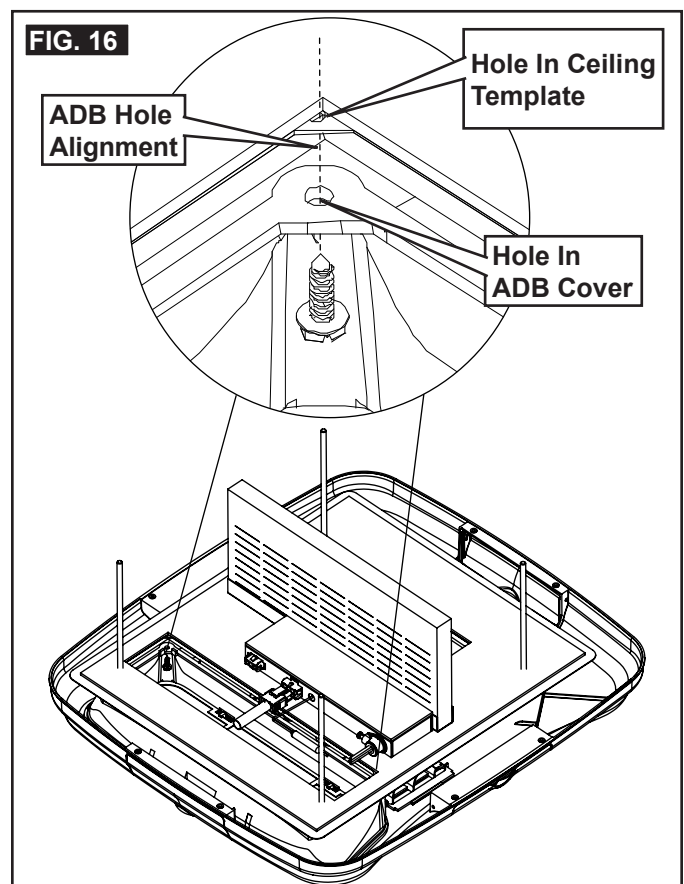
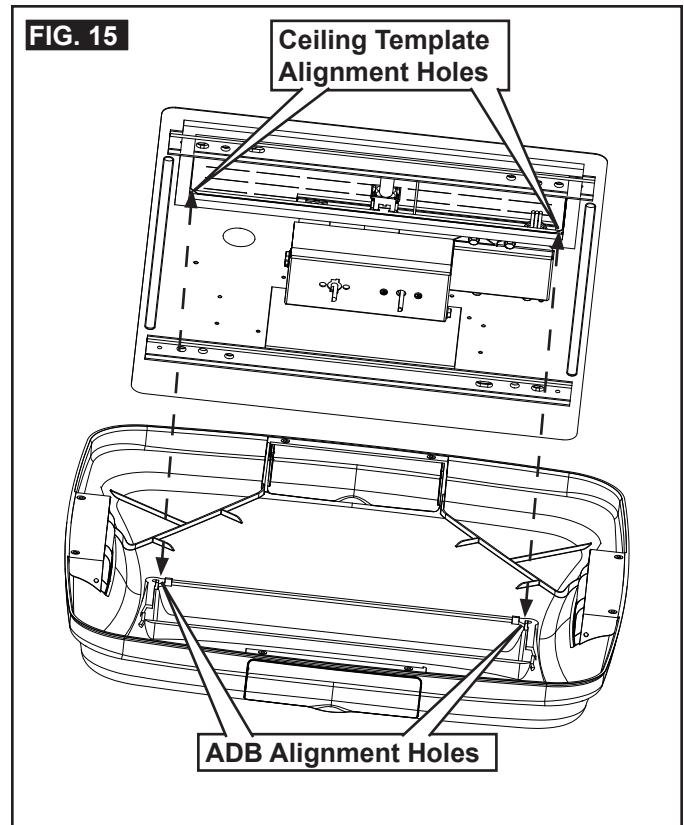
Route the plug wire into the junction box in a manner that will not block air flow. Connect to terminal block as described in "c" above.

- e. Carefully push all excess wire back into the junction box and install junction box cover. See (FIG. 14).
- f. If plug in connection was used, plug cord into electrical outlet.

## G. Installing ADB

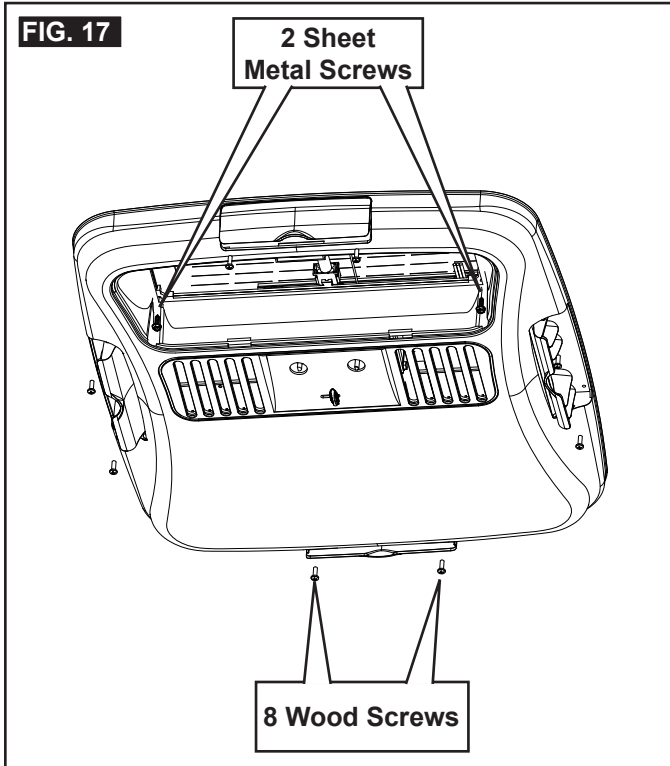
1. Align ADB with ceiling template. See (FIG. 15) & (FIG. 16).

**i** Front and rear vent doors are supplied loose. Do **NOT** install them until all screws are installed in step 2 & 3.

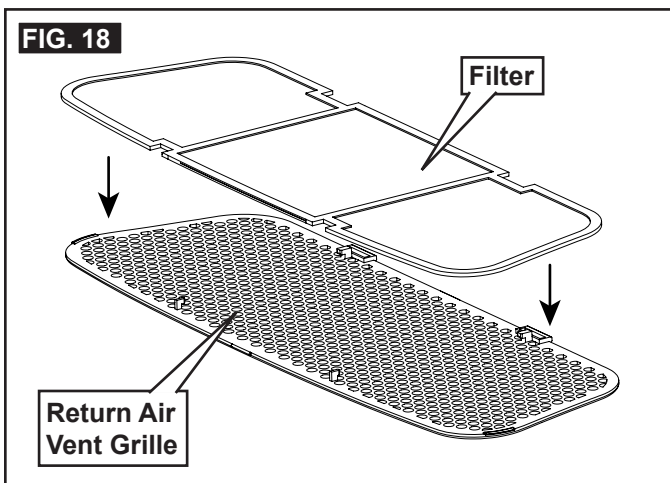


# INSTALLATION INSTRUCTIONS

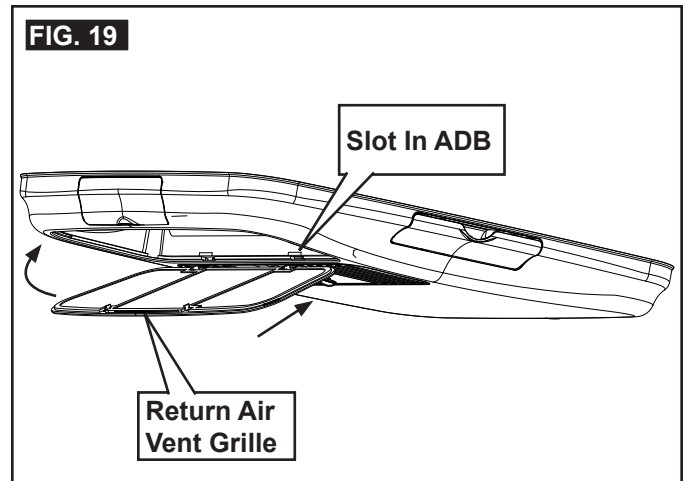
2. Install two (2) (supplied) sheet metal screws inside return air opening to secure ADB to ceiling template. See (FIG. 17).
3. Install eight (8) (supplied) wood screws inside the front, rear, and side doors to secure ADB to ceiling. See (FIG. 17).



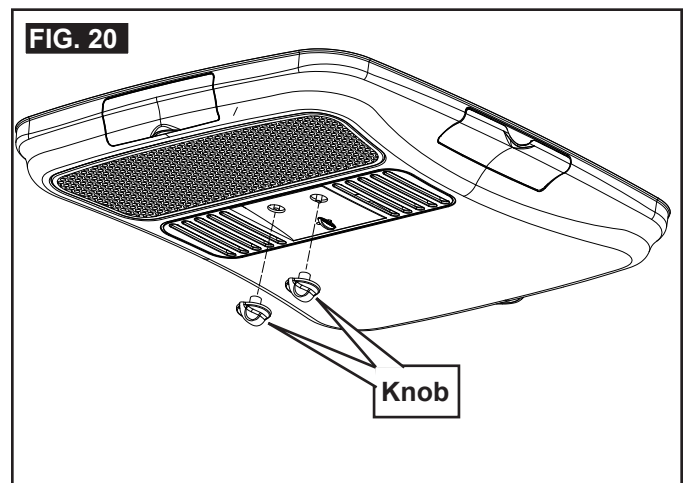
4. Install front and rear doors.
5. Place filter in return air vent grille. It may already be installed on some units. See (FIG. 18).



6. Install return air vent grille into the ADB. Slide return air vent grille tab into slot in ADB and rotate up and snap in place. See (FIG. 19).



7. Install the control knobs in the ADB. See (FIG. 20).

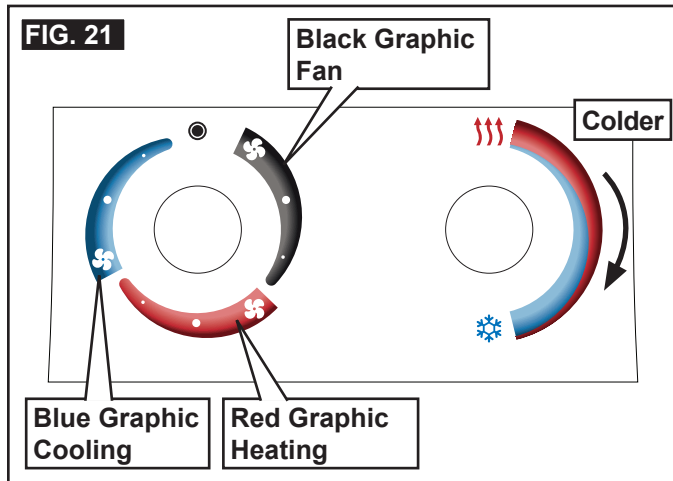


8. The unit installation is now complete and is ready for operation. The power supply to the unit may now be turned on.
9. Verify that all features of the installed system work. Please read the following operating instructions before attempting to run the unit.

# OPERATING INSTRUCTIONS

## A. Controls

1. The selector switch has ten positions including "OFF". It controls the fan speeds, cooling modes, and heating modes of operation. See (FIG. 21).



2. The thermostat controls the compressor ON/OFF operation within a temperature range of approximately 65° F and 90° F measured at the ADB inlet.

## B. "OFF" Position (⊙)

1. This is to turn unit off.

## C. Cooling Operation (Blue Graphic)

1. Turn selector switch to cooling (blue graphic).
2. Set the thermostat at the desired temperature level.
3. Select the fan speed that best satisfies your needs:
  - a. HIGH COOL: Selected when maximum cooling and dehumidification required.
  - b. MEDIUM COOL: Selected when normal or average cooling required.
  - c. LOW COOL: Selected when room is at desired comfort level and needs to be maintained. Normally this speed used for night time operation.

**i** The compressor will cycle on and off as cooling is required to maintain the selected temperature level. The fan runs when the compressor is off to help keep the temperature uniform throughout the boat.

**NOTICE** Wait at least 2 minutes before restarting the compressor when it has been manually cycled off with either the selector switch or the temperature set lever. Otherwise, compressor will quick-cycle and could result in compressor or supply circuit overload.

## D. Heating Operation (Red Graphic) With Electric Heater Option Installed

**i** The heating mode of operation will **NOT** replace a furnace for heating your boat in cold weather. The intent is to remove the chill on cool days or mornings.

1. Set the thermostat to the desired temperature level.
2. Turn the selector switch to heating (red graphic). There are three positions to select from (high, medium and low. See (FIG. 21).
3. The blower will come on immediately. The heat function will start if the thermostat is not satisfied.

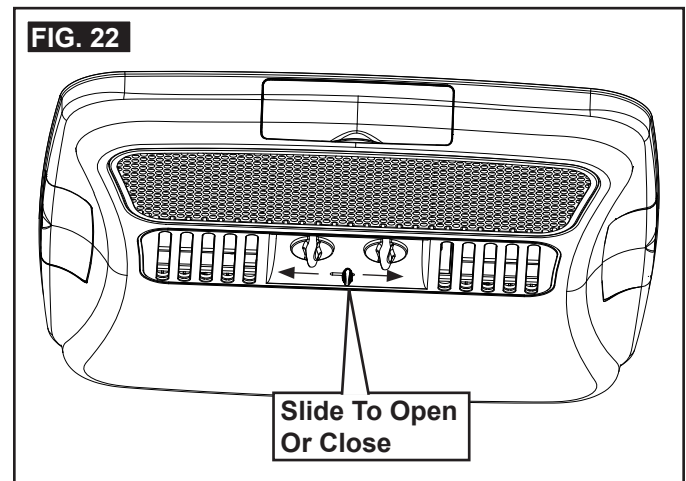
## E. Fan Operation (Black Graphic)

**i** This will circulate the air in your boat without cooling or heating.

1. Turn the selector switch to fan (black graphic). There are three positions to select from (high, medium and low). See (FIG. 21).

## F. Center Air Discharge


1. Slide lever to open and close. See (FIG. 22).



# MAINTENANCE

## A. Air Filter

1. Periodically (a minimum of every 2 weeks of operation) remove the return air filter located behind the return air vent grille and wash it with soap and warm water, let dry and then reinstall.

 **NEVER** run unit without return air filter in place. This will plug the unit evaporator coil with dirt and may substantially degrade the performance of the unit over time.

## B. ADB Housing

1. Clean ADB housing and control panel with a soft cloth dampened with a mild detergent. Never use furniture polish or scouring powders.

## C. Fan Motor

1. The blower motor is factory lubricated and requires no service.

# GENERAL INFORMATION

## A. Frost Formation On Cooling Coil

1. Frost on a small portion of the coil is not unusual. Under certain conditions, ice may form on the evaporator coil. This is indicated by very cold output at very low air speed and the icing can be seen through the air inlet hole with the filter removed. If this should occur, inspect the filter and clean if dirty. Make sure air vents are open and not obstructed. Units have a greater tendency to frost when the outside temperature is relatively low. This may be prevented by adjusting the thermostat control knob to a warmer setting (counter clockwise). Should frosting continue, operate on any FAN ONLY setting until the cooling coil is free of frost; then resume normal operation. If frost condition persist, contact your local service center for assistance.

## B. Heat Gain

The ability of this air conditioner to maintain the desired inside temperature depends on the heat gain of the boat.

Some preventative measures taken by the occupants of the boat can reduce the heat gain and improve the performance of the air conditioner. During extremely high outdoor temperatures, the heat gain of the boat may be reduced by:

1. Mooring the boat in a shaded area
2. Using window shades (blinds and/or curtains)
3. Keeping windows and doors shut or minimizing usage
4. Avoiding the use of heat producing appliances
5. Add heat-rejection film on windows

Operation on High Fan/Cooling mode will give optimum or maximum efficiency in high humidity or high outside temperatures.

Starting the air conditioner early in the morning and giving it a "head start" on the expected high outdoor ambient will greatly improve its ability to maintain the desired indoor temperature.

## C. Condensation

The manufacturer of this unit will not be responsible for damage caused by condensation forming on ceilings, windows, or other surfaces. Air contains water vapor which condenses when temperature of a surface is below Dew point. During normal operation this unit is designed to remove a certain amount of moisture from the air, depending on the size of the space being conditioned. Keeping doors and windows closed when this air conditioner is in operation will greatly reduce the chance of condensation forming on interior surfaces.

# SERVICE - UNIT DOES NOT OPERATE

If your unit fails to operate or operates improperly, check the following before calling your service center.

- Check your fuse or circuit breaker to see if it is open. Insure fuse is not burnt, or circuit breaker is "ON" and not activated.
- After the above checks, call your local service center for further help. This unit must be serviced by qualified service personnel only.
- If any wiring or supply cord is damaged and needs to be replaced, it must be replaced by the manufacturer or its service agent or a similarly qualified person.

To locate a service technician near you:

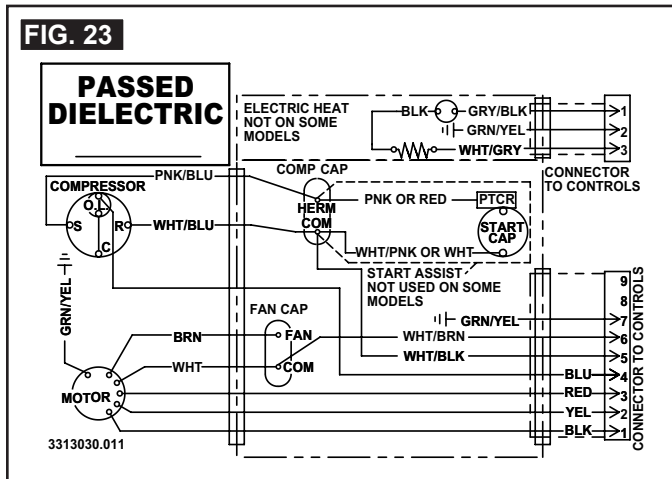
- Go to [WWW.dometic.com/marinedealers](http://WWW.dometic.com/marinedealers) or
- Call Dometic Marine at **1-800-542-2477** 8:00 AM to 5:00 PM Eastern Time, or **1-888-440-4494** after hours and weekends.

When calling for service, always give the following:

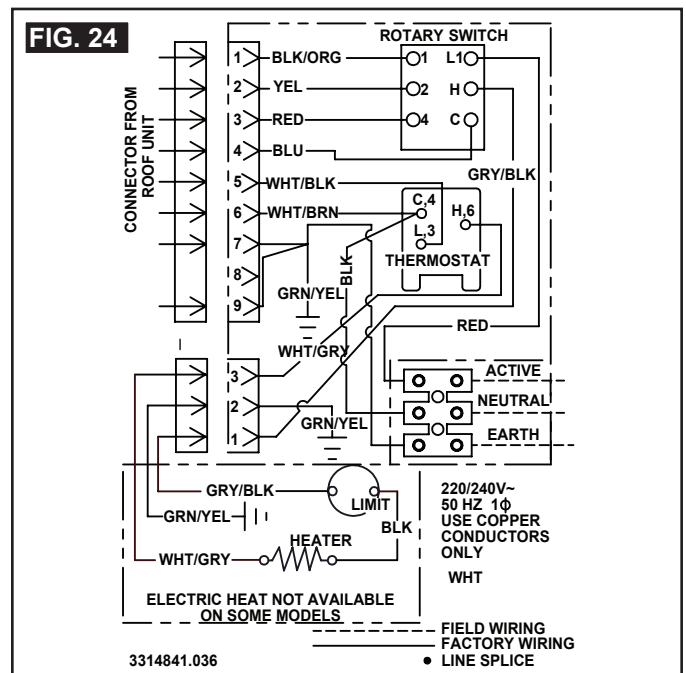
- Unit type and serial number found on the identification label located on base pan of unit bottom. Return air grille must be removed from ADB.
- ADB model and serial number found on rating plate located on ceiling template. Observe this rating plate through the filter opening.

## WIRING DIAGRAM

### A. Unit Wiring Diagram



### B. ADB Wiring Diagram





# OWNER'S LIMITED WARRANTY

As hereinafter described, Dometic limits the duration of any implied warranty to the duration of the underlying express warranty and also disclaims any liability for consequential or incidental damages arising from any application, installation, use or malfunction of any warranted product.

## A. WHAT'S COVERED

### What does the Limited Warranty cover?

Products manufactured by Dometic Corporation (Dometic) are under limited warranty to be free from defects in workmanship or materials. This being under normal use and service, with the obligation of Dometic under this limited warranty, being limited to replacing or repairing any component(s) which shall disclose defects within the limits defined in **Section C**. Which upon examination by Dometic, shall appear to the satisfaction of Dometic to be defective or not up to specifications.

**This Limited Warranty is made in lieu of all other express warranties, obligations, or liabilities on the part of Dometic. In addition, Dometic shall not be responsible for any incidental or consequential damages.** In those instances in which a cash refund is made, such refund shall effect the cancellation of the contract of sale without reservation of rights on the part of the purchaser. **Such refund shall constitute full and final satisfaction of all claims which the purchaser has or may have against Dometic due to any actual or alleged breach of warranty, either express or implied, including, without limitation, any implied warranty or merchantability or fitness for a particular purpose.** Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation may not apply to you.

**The Dealer is not an agent for Dometic, except for the purpose of administering the above warranty to the extent herein provided. Dometic does not authorize the dealer or any other person to assume for Dometic any liability in connection with such warranty, or any liability or expense incurred in the replacement or repair of its products other than those expressly authorized herein. Dometic shall not be responsible for any liability or expense except as is specifically authorized and provided in this section.**

Dometic reserves the right to improve its products, through changes in design or material without being obligated to incorporate such changes in products of prior manufacture. Dometic can make changes at any time in design, materials, or part of units of any one, model year, without obligation or liability to owners of units of the same year's model of prior manufacture.

This warranty gives you; the purchaser, specific legal rights, and you may also have other rights which vary from state to state. You also have implied warranty rights, including an implied warranty of merchantability, which means that your product must be fit for the ordinary purpose for which such goods are used. **The duration of any implied warranty rights is limited to the duration of the express warranty as found in Section C.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

## B. WHAT'S NOT COVERED

### What does this Limited Warranty not cover?

This Warranty Shall Not Apply to:

1. Failures resulting from improper installation or use contrary to instructions.
2. Failures resulting from abuse, misuse, accident, fire, or submergence.
3. Any part manufactured by Dometic, which shall have been altered so as to impair its original characteristics.
4. Any parts which fail as a result of misuse, improper application or improper installation.
5. Items not manufactured by Dometic, i.e., items, which are purchased from another manufacturer and supplied as received by Dometic without alteration or modification except as any part of a Dometic manufactured unit or component.
6. Components or parts used by or applied by the purchaser, as an integral part of products not manufactured by Dometic.
7. Labor resulting from difficult access to a Dometic product. The original installer or OEM is responsible for accessibility of unit.
8. Leaks due to improper installation of split systems and refrigeration systems, for example; packing glands, flare nuts, quick disconnects. The adjustment of the refrigerant charge on a split system should be charged to the original installer or OEM.
9. Freight Damage.
10. Pumps that have been run dry, are water damaged or have blown freeze plugs.
11. Pumps with cracked heads.
12. Pump seals are not covered.
13. UV light bulbs are not covered.
14. Liquid line filter dryers are not covered.
15. Blowers with water damage.
16. Logic boards with water damage. Logic boards with blown MOV's (Power Surge). Mis-programmed displays.

# OWNER'S LIMITED WARRANTY

17. Display heads with water damage.
18. Dirty Condensers and/or Evaporators.
19. Failures due to improper winterization.
20. Unit damage as a result of improper return packaging.
21. Replacement of freon with substitute without authorization from factory.
22. Environmental and/or Recovery Fees.
23. Welding and Nitrogen Fees.
24. Travel costs are included in the hourly labor allowances and should not be billed as a separate item without preapproval from the factory.

**Installation and application of Dometic components is not warranted by Dometic, because Dometic has no control or authority over the selection, location, application, or installation of these components.**

## C. COVERAGE PERIOD

**What is the period of coverage?**

(See **Limited Warranty Periods** at the end of this book).

All Dometic components bear a data plate on which there are model and serial numbers. The serial number is date coded. To determine whether or not any Dometic component is in warranty, proceed as follows:

1. Determine the manufacture date of the component from the serial number on the data plate. If you are not familiar with the date code, write or call the Dometic Customer Service Department to obtain the manufacture date. The hours of the Customer Service Department are 8:00 a.m. - 5:00 p.m. (USA, Eastern Standard Time Zone) Monday through Friday excluding holidays.
2. It is possible that there might exist a considerable time lag between the date a component is manufactured and the date it is put in service. In such instances, the date of manufacture could indicate that the item is out of warranty. However, based on the date the equipment is first put in service, the item may still be covered by the Dometic warranty as described in **Section A**. For proof of date put in service, Dometic will require a copy of the bill of sale of the Dometic equipment from the installer or new boat dealer to the original owner.

## D. GETTING SERVICE

**How do you get service?**

**Please read the following Warranty Procedure:**

If the failure of a Dometic component is determined to be covered under the Dometic warranty and the time in service is determined to be within the warranty time limit, the owner has the following three options:

1. Preferred option: Have a Dometic authorized Servicing Dealer, perform the work needed. The customer needs to call Dometic Customer Service Department for a recommendation as to the closest dealer. If the customer already knows an authorized servicing dealer, the dealer should be contacted directly.
2. Second option: If the customer contacts Dometic Service Department for a Servicing Dealer and Dometic has no one in that particular area, Dometic will authorize the use of a local service company and Dometic will work with the local company to assist in any way possible.
3. Third option: The customer may send his equipment back to the factory to have the repair work done. Dometic will make every effort to return the equipment to the customer within a three week time period. If the claim represents a legitimate warranty problem, Dometic will pay the freight both ways. Dometic prefers option one first, option two second, and option three only if one and two are not available.

The customer may contact the Dometic Service Department at 954-973-2477 Monday through Friday, 8:00 a.m. - 5:00 p.m. Eastern Time. After hours (evening and weekends) technical support is offered through Dometic's 24/7 Hotline at 888-440-4494.



# OWNER'S LIMITED WARRANTY

## E. Table Of Warranty Periods

<b>DOMETIC DURASEA ROOFTOP AIR CONDITIONING</b>		
<p><b>Important Notes:</b></p> <ol style="list-style-type: none"> <li>1. Warranty periods begin from the date of possession of the boat by the first owner if OEM installed or date of installation if dealer installed, but not to exceed three (3) years from date of production. The warranty is transferable and will carry the remainder of the original owner's warranty based on the original date of purchase or date of installation.</li> <li>2. Proof of purchase or installation may be required to verify warranty coverage.</li> <li>3. Any unit or replacement part installed due to a warranty failure carries the remainder of the original warranty. Warranty coverage does not start over from the repair/replacement date.</li> <li>4. Warranty coverage shall not exceed three (3) years from date of production.</li> <li>5. These warranty periods are effective March 1, 2010.</li> </ol>		
<b>Product</b>	<b>Sale Type</b>	<b>Warranty Coverage</b>
DuraSea Rooftop	OEM or Dealer Installed	1-Year Warranty, parts and labor. Not to exceed three (3) years from date of manufacture.