



RECORD THIS INFORMATION FOR FUTURE REFERENCE
BEFORE INSTALLING THE UNIT:

Model Number _____
Serial Number _____
Date Purchased _____
Place of Purchase _____

MODEL 630015

Roof-Top Heat Pump with Analog Wall Thermostat

USA
SERVICE OFFICE
The Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761
(219) 463-4858

CANADA
Dometic Dist.
866 Langs Dr.
Cambridge, Ontario
CANADA N3H 2N7
(519) 653-4390

For Service Center
Assistance Call:
800-544-4881

THIS UNIT IS DESIGNED FOR OEM INSTALLATION
ALL INITIAL INSTALLATIONS MUST BE APPROVED BY THE SALES DEPT.

DANGER

This unit must be serviced by an authorized serviceman. Modification of the appliance can be extremely hazardous and could lead to serious injury or death.

DANGER

Cet appareil doit être réparé seulement par un réparateur autorisé. Modification de l'appareil pourrait être extrêmement dangereuse, et pourrait causer mal ou mort.



INSTALLATION & OPERATING INSTRUCTIONS

MODEL 630015

REVISION

Form No. 3107136.040 12/99
(Replaces 3107136.032)
(French 3108322.011)
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LaGrange, IN 46761

1. GENERAL INFORMATION

- A. The roof-top heat pump was designed to operate in a MILD GEOGRAPHICAL AREA for heating where the heat loss is minimum. The heat pump will operate down to an outside ambient temperature of 40 degrees. At 40 degrees, the outdoor thermostat will turn off the heat pump circuit. As long as the temperature remains below 40 degrees, the main furnace will heat your home. As the outside temperature increases to 45 degrees, the outdoor thermostat switches back to the heat pump circuit.

The advantages of the Heat Pump Air Conditioner are:

- 1) User friendly-only one unit for both heating and cooling.
- 2) When used in mild climates where the outdoor temperature range is 40 degrees or higher, an L.P. furnace is not needed.
- 3) Heat pump heating uses the camp-site electrical hookup; therefore, you save on trips to refill L.P. tanks.

NOTE: Geographical location usage should be determined before omitting a central furnace.

B. This air conditioner is designed for:

- 1) Installation on a recreational vehicle at the time the vehicle is manufactured.
- 2) Mounting on the roof of a recreational vehicle.
- 3) Connection to an air distribution system located in the ceiling/roof cavity of the recreational vehicle.
- 4) Roof construction with rafters/joists on minimum of 16 inch centers.
- 5) Minimum of 1.75 inches and maximum of 4.50 inches distance between roof to ceiling of recreational vehicle. Alternate installation methods will allow for roofs more than 4.50 inches thick.
- 6) **Read installation and operating instructions carefully before starting your air conditioner installation.**
- 7) The Dometic Corporation will not be liable for any damages or injury incurred due to failure in following these instructions.
- 8) Installation **must** comply with the National Electrical Code and any State or Local Codes or regulations.
- 9) **DO NOT** add any devices or accessories to this air conditioner except those specifically authorized by Dometic.
- 10) This equipment must be serviced by qualified personnel and some states require these people to be licensed.

SPECIFICATIONS

MODEL NO.	630015.403	630015.303
Nominal Capacity (BTU/HR)	13,500	13,500
Electrical Rating	115 VAC, 60 Hz., 1 PH.	
Compressor Rated Load Amps	11.0	12.4
Fan Motor Rated Load Amps	3.1	3.1
Compressor Locked Rotor Amps	50.0	60.0
Fan Motor Locked Rotor Amps	8.8	8.8
Power, Cooling (KW)	1.8	1.8
SCFM-High Speed Max./Min.	335/250	335/250
Refrigerant (R22) oz.	19.5	24.5
Minimum Wire Size *	12 AWG Copper Up to 24 ft.	
Circuit Protection	20 Amp Time Delay Fuse or HACR Circuit Breaker	
Installed Weight (Pounds)	106	106
Minimum Generator	1 Unit	3.5 KW
Size **	2 Units	5.0 KW

* For distances over 24 ft. consult the National Electrical Code.

** The Dometic Corporation gives **GENERAL** guidelines for generator requirements. These guidelines come from experiences people have had in actual applications. When sizing the generator, the total power usage must be considered. Also keep in mind generators lose power at high altitudes and from lack of maintenance.

2. THERMOSTAT OPERATING INSTRUCTIONS

Cooling:

- 1) Place the **Temperature Set Lever** to desired temperature level (located at right side of thermostat.)
- 2) Select fan speed that best satisfies your needs:
 - a) **High Speed**: Selected when maximum cooling and dehumidification are required.
 - b) **Low Speed**: Selected when RV reaches desired comfort level and needs to be maintained. Normally this speed is used for nighttime operation.
- 3) Select Auto/On Switch operation as follows: (switch located at upper center of thermostat)
 - a) **Auto Position**: Air conditioner fan runs whenever cooling is required and stops whenever cooling is not required.
 - b) **On Position**: Air conditioner fan runs continuously to circulate air in RV.
- 4) Set the **System Switch** to cool position (located at left side of thermostat)

The air conditioner compressor will now come on when cooling is required and cycle off when the temperature level selected is reached.

⚠ CAUTION

Wait at least two (2) minutes before restarting the air conditioner after shutting off with either the **Heat/Off/Cooling Switch** or the **Temperature Set Lever**. This allows the refrigerant pressure in the air conditioner to equalize and will allow the compressor to restart easily. Failure to follow this instruction may cause circuit breakers or fuses to open.

Furnace Operation

(If Furnace is connected to Thermostat)

- 1) Set the **Temperature Set Lever** to desired temperature level (located at right of thermostat).
- 2) Set the **System** switch to furnace position (located at left side of thermostat).

The furnace will now come on when heat is required and cycle off when temperature level selected is reached.

Special Feature:

When thermostat:

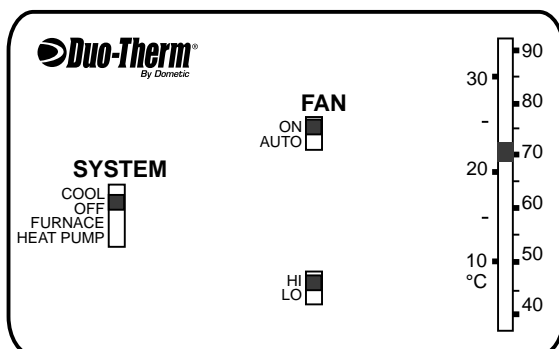
- 1) **System Switch:** is in the OFF or FURNACE position and
- 2) **Auto/On Switch:** is in the ON position, the air conditioner fan will run continuously at selected fan speed to circulate the air inside the RV.

Optional Feature: Electric Heat Strip (If Unit so Equipped)

- 1) Set the **Temperature Set Lever** (located at right of thermostat) to desired temperature level.
- 2) Set the **System Switch** (located at left side of thermostat) to heat strip position.

Optional Feature: Heat Pump (If Unit so Equipped)

- 1) Set the **Temperature Set Lever** (located at right of thermostat) to desired temperature level.
- 2) Set the **System Switch** (located at left side of thermostat) to heat pump position.



3. AIR DISTRIBUTION SYSTEM SIZING AND REQUIREMENTS

The Installer of this air conditioner system must design the air distribution system for his particular application. Several requirements for this system **MUST** be met for the air conditioner to operate properly. These requirements are as follows:

- A. Roof cavity thickness must be between 1.75" to 4.50". This distance is measured between roof and ceiling surface.
- B. The total **Cross-Sectional Discharge Area** of outlet ducts from the plenum area under the air conditioner must be a minimum of 21.0 sq. inches.
- C. Duct sizing requirements are as follows:

	Min.	Max.
1. Duct Depth	1.50"	2.50"
2. Duct Width	7.00"	10.00"
3. Total Duct Length	12'	36'
4. Duct Length (short run)	1/3 Total Length	

- D. Register requirements as follows:

	Min.	Max.
1. Distance from duct end	5"	8"
2. Distance from end of elbow	15"	—
3. Distance between registers	24"	—
4. Total number required	4	8
5. Number required per run		2
6. Free area per register	14 sq.in.	—

- E. The duct material must meet or exceed any agency or RVIA Standard that may be in existence at the time the RV is produced.

NOTE: IT IS THE RESPONSIBILITY OF THE INSTALLER OF THIS SYSTEM TO ENSURE THE DUCTWORK WILL NOT COLLAPSE OR BEND DURING OR AFTER THE INSTALLATION.

- F. All discharge air ducts must be properly insulated to prevent condensation from forming on their surfaces or adjacent surfaces during operation of the air conditioner. This insulation must be R-7 minimum.
- G. Ducts and their joints must be sealed to prevent condensation from forming on adjacent surfaces during operation of the air conditioner.

NOTE: THE DOMETIC CORPORATION WILL NOT BE HELD LIABLE FOR ROOF STRUCTURAL OR CEILING DAMAGE DUE TO IMPROPERLY INSULATED OR SEALED DUCTWORK.

- H. Return air opening must have 40 sq. in. minimum free area including the filter.
- I. Return air to the air conditioner must be filtered to prevent dirt accumulation on the air conditioner cooling surface.
- J. Total system pressure must be between 0.12 to 0.65 in. W.C. This is to be determined with the air conditioner blower operating on high speed and return air filter and grill in place.

NOTE: IT IS THE RESPONSIBILITY OF THE INSTALLER OF THIS AIR CONDITIONER SYSTEM TO ENSURE THE STRUCTURAL INTEGRITY OF THE RV ROOF.

4. AIR DISTRIBUTION SYSTEM INSTALLATION AND DESIGN

The Dometic Corporation recommends the basic configuration shown below for installing this air conditioner system. We have found by testing that this configuration works best in most applications of this air conditioner system.

It is the responsibility of the Installer of this system to review each RV floor plan and determine the following:

- A. Duct size;
- B. Duct layout;
- C. Register size;
- D. Register locations;
- E. Thermostat location.

These items must be determined in conjunction with the air distribution system sizing and design requirements listed in Section 4 of this Manual.

ALTERNATE CONFIGURATIONS AND METHODS MAY BE USED WHICH STILL ALLOW THE AIR CONDITIONER TO OPERATE PROPERLY. HOWEVER, THESE ALTERNATE CONFIGURATIONS AND METHODS MUST BE APPROVED BY THE DOMETIC CORPORATION IN WRITING.

A. ROOF AND CEILING OPENING PREPARATION

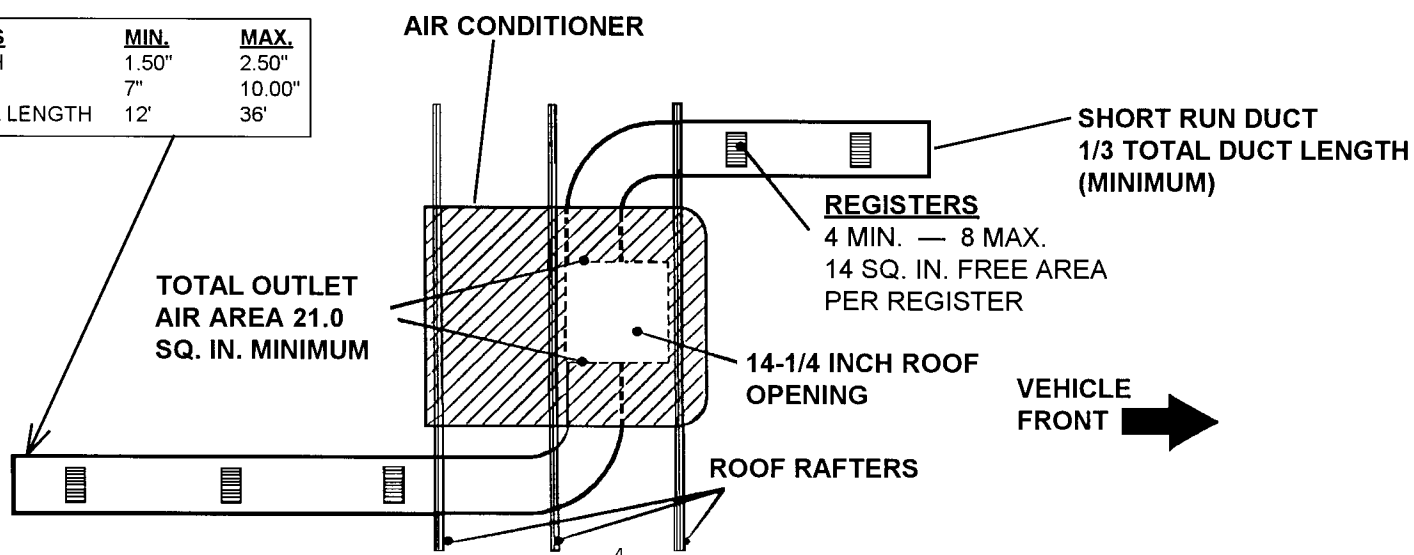
- 1) A 14-1/4" x 14-1/4" opening must be cut through the roof and ceiling of the RV. This opening must be located between the roof reinforcing members.

! WARNING

THERE MAY BE ELECTRICAL WIRING BETWEEN THE ROOF AND THE CEILING. DISCONNECT ALL POWER SUPPLIES AND THE POSITIVE (+) TERMINAL FROM THE SUPPLY BATTERY. FAILURE TO FOLLOW THIS INSTRUCTION MAY CREATE A SHOCK HAZARD.

- 2) Mark a 14-1/4" + 1/8" square on the roof and carefully cut the opening.
- 3) Using the roof opening as a guide, cut the matching hole in the ceiling.
- 4) The opening created must be framed to provide adequate support and prevent air from being drawn from the roof cavity. Lumber 3/4" or more in thickness must be used. Remember to provide an entrance hole for power supply wiring and thermostat cable.
- 5) The 14" opening is part of the return air system of the air conditioner and must be finished in accordance with NFPA Standard 501C Section 2.7.

<u>DUCTS</u>	<u>MIN.</u>	<u>MAX.</u>
DEPTH	1.50"	2.50"
WIDTH	7"	10.00"
TOTAL LENGTH	12'	36'



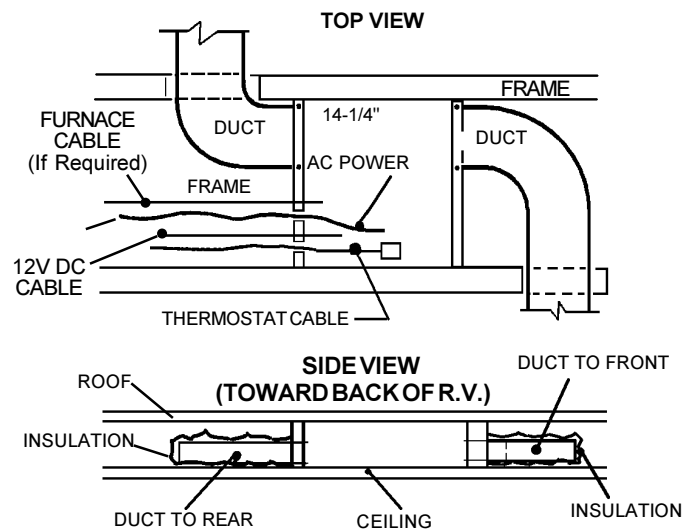
- This supply line must be located in the front portion of the 14" opening.
 - The power supply **MUST** be on a separate 20 amp time delay fuse or HACR circuit breaker.
 - Make sure at least 15" of supply wire extends into the roof opening. This ensures easy connection at the air conditioner junction box.
 - Wiring must comply with all National, State and Local Wiring Codes.
 - Use a steel sleeve and a grommet or equivalent methods to protect the wire where it passes into the opening.
- 7) Route a dedicated 12V DC supply line (18-22 AWG) from the RV's converter or battery to the roof opening.
- This supply line must be located in the front portion of the 14" opening.
 - Make sure that at least 10" of supply wire extends into the roof opening.

B. AIR DISTRIBUTION DUCT INSTALLATION

Install the air distribution ducts in the RV roof cavity. The Distribution system must meet:

- The RV's requirements;
- System requirements listed in Section 4 of this Manual.

Terminate the start of the duct at the back edge of the 14-1/4" opening previously cut.



5. THERMOSTAT AND CABLE INSTALLATION

A. LOCATION

The proper location of the thermostat is very important to insure that it will provide a comfortable RV temperature. Observe the following general rules when selecting a location.

- Locate the thermostat about 5 feet above the floor.
- Install thermostat on a partition, **NEVER** on an outside wall;
- NEVER** expose it to direct heat from lamps, sun other heat producing items;

- Avoid locations close to doors that lead outside, windows or adjoining outside walls;
- Avoid locations close to supply registers and the air from them;
- Never locate thermostat in a room that is warmer or cooler than the rest of the coach - such as the kitchen.
- The major living area is normally a good location.

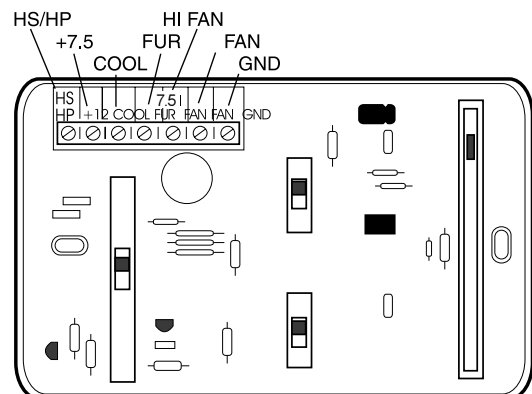
B. CABLE INSTALLATION

- A seven-conductor cable, 18 to 22 AWG is to be used for low voltage connections.
- Choose the shortest, direct route from the 14" opening to the thermostat location selected.
- Consider where screws, nails or staples might contact the cable.
- Leave approximately 6" of cable extending through the wall for connection to the thermostat.
- Leave approximately 10" of cable extending into the 14" opening for connection at unit
- If system is to control a gas furnace: Route two 18 gauge wires from the furnace to 14 inch opening at this time.

C. CONNECTION OF LOW VOLTAGE WIRES

! WARNING
ENSURE THAT THE 12V DC POWER IS SHUT OFF.

- Connect the previously run +12V DC to the labeled +12V red wire protruding from the unit.
- Connect the -12V DC to the labeled -12V black wire protruding from the unit.
- Connect the red/white wire to the thermostat +7.5.
- Connect the unit green wire to the thermostat GND terminal.
- Connect the unit yellow wire to the thermostat COOL terminal.
- Connect the unit tan wire to the thermostat FAN terminal.
- Connect the unit blue wire to the thermostat HI FAN.
- Connect the unit orange wire to the thermostat HS/HP terminal.
- Connect the unit white wire to the thermostat FUR terminal (if applicable).
- Connect the unit blue/white wires to the two furnace control wires (if applicable).



6. CHOOSING PROPER LOCATION FOR THE AIR CONDITIONER

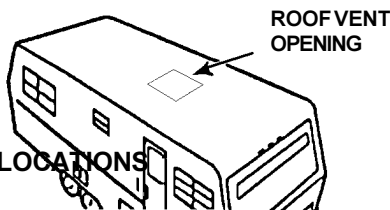
This air conditioner is specifically designed for installation on the roof of a recreational vehicle (RV). When determining your cooling requirements, the following should be considered:

1. Size of RV;
2. Window area (increases heat gain);
3. Amount of insulation in walls and roof of RV;
4. Geographical location where RV will be used;
5. Personal comfort level required.

From this information the **size** of air conditioner(s) and the **number** of air conditioners needed can be determined.

A. NORMAL LOCATION

The air conditioner is designed to fit over a roof opening 14-1/4" x 14-1/4".



B. OTHER LOCATIONS

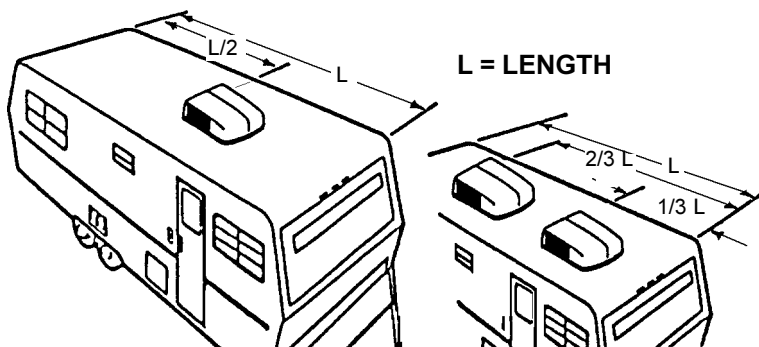
When no roof vent is available or another location is desired, the following is recommended:

For one unit installations: The air conditioner should be mounted slightly forward of center (front-to-back) and centered from side-to-side.

For two unit installations: Install one air conditioner 1/3 and one air conditioner 2/3's from the front of RV and centered from side-to-side.

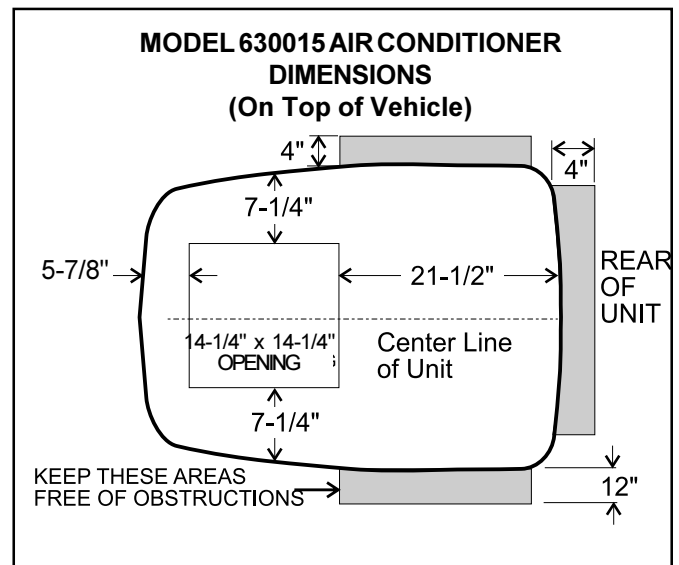
It is preferred that this air conditioner be installed in a relatively **flat and level** roof section measured with the RV parked on a level surface; however,

- a) Up to a 8° slant to either side or front-to-back is acceptable.



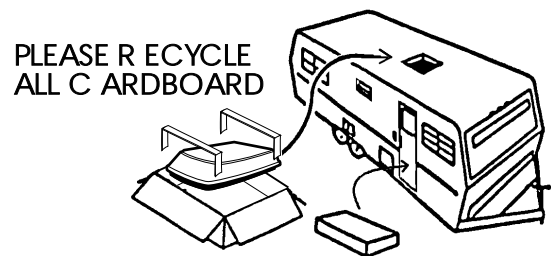
b) After the location has been selected:

- 1) Check for obstructions in the area where the air conditioner will be installed.
- 2) The roof must be designed to support 130 lbs. when the RV is in motion. Normally 200 lb. static load design will meet this requirement.



7. PLACING AIR CONDITIONER ON THE ROOF

A. Remove and discard the carton. The unit mounting bolts and literature are in separate plastic bag. Be sure to place this information in the RV.

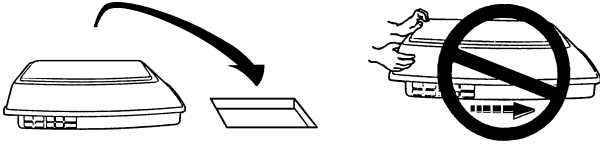


B. Place the air conditioner on the roof.

! WARNING

USE CARE IN LIFTING. THIS UNIT WEIGHS APPROXIMATELY ONE HUNDRED (100) POUNDS.

- C. Lift and place the unit over the prepared opening using the gasket on unit as a guide. The blunt end goes toward the rear of the RV.



! CAUTION

DO NOT SLIDE THE UNIT. THIS MAY DAMAGE THE NEOPRENE GASKET ATTACHED TO THE BOTTOM AND CREATE A LEAKY INSTALLATION.

This completes the outside work. Minor adjustments can be done from the inside of the RV if required.

8. CONNECTION OF POWER SUPPLY

A. MOUNTING AIR CONDITIONER JUNCTION BOX

- 1) Position the Air Conditioner junction box in a convenient location in the front portion of the 14-1/4" opening.
- 2) With two (2) # 8 x 1/2" screws provided, secure to wall of opening.

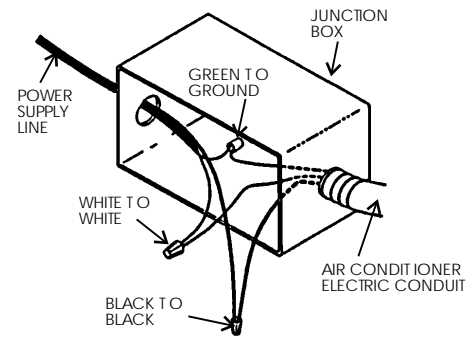
B. CONNECTION OF 115 VOLT POWER SUPPLY

! WARNING

Disconnect ALL power before wire leads are connected.



- 1) Select the best location for entrance of supply wire into the junction box and remove appropriate knock out slug from box.
- 2) Install the strain relief connector into the junction box. Route the power supply line through this connector.
- 3) Connect the white to white; black to black; and green to green or bare copper wire using the appropriate sized twist wire connectors. Tape the twist wire connectors to the supply wiring to assure they do not vibrate off.

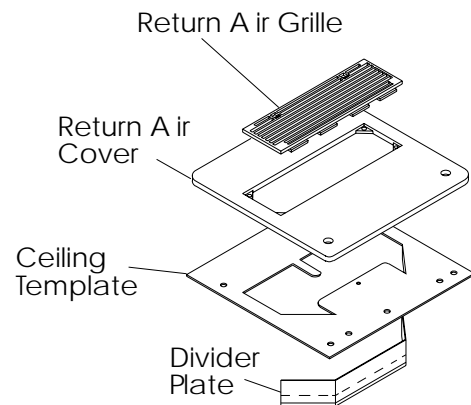


- 4) Tighten screws on strain relief connector being careful not to pinch and cut into the insulation on power supply leads.
- 5) Push excess wires into junction box and install junction box cover onto the junction box.

9. INSTALLATION OF AIR CONDITIONER WITH RETURN AIR COVER KIT

A. INSTALLATION OF CEILING TEMPLATE

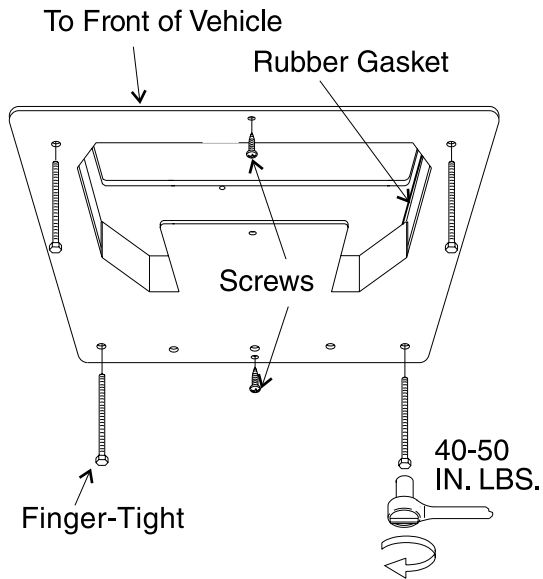
- 1) Check gasket alignment of the Air Conditioner over roof opening and adjust if necessary. Unit may be moved from below by slightly lifting and sliding.
- 2) Remove Return Air Cover and Ceiling Template from the return air cover kit carton.
- 3) Remove Parts Package and Thermostat from its carton.



- 4) Locate 1/4" unit mounting bolts in the parts package.
- 5) Take the ceiling template and hold up to the 14" opening. Be sure the solid end faces the rear of the RV.
- 6) Start each mounting bolt through the ceiling template and up into the unit base pan by hand.

This will compress the roof gasket to approximately 1/2". The bolts are self locking so over tightening is not necessary.

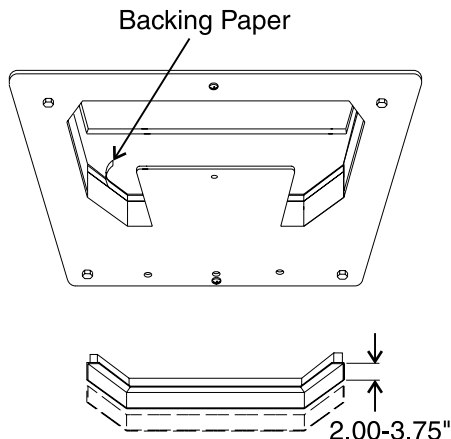
EVENLY TIGHTEN MOUNTING BOLTS TO A TORQUE OF 40 TO 50 INCH POUNDS



- 7) Install wood screw in each end of ceiling template. This insures a tight fit of return air cover to ceiling.

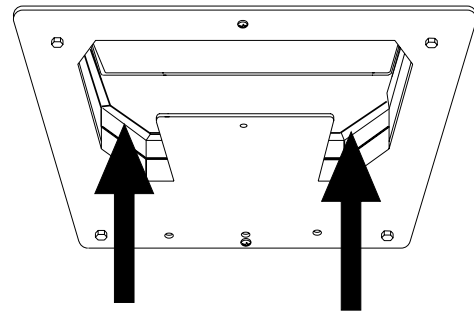
B. INSTALLATION OF DIVIDER PLATE

- 1) Measure the ceiling to roof thickness:
 - a) If distance is 1.75" - 3.75", remove perforated tab from Divider Plate.
 - b) If distance is 3.75" - 4.50", remove no tabs.
- 2) Remove the backing paper from double sided tape located on Ceiling Template.



- 3) Place Divider Plate up to bottom of Air Conditioner base pan firmly. The foam tape on the divider plate must seal to bottom of base pan.

Note: The adhesive on double sided tape is extremely sticky. Divider Plate must be properly positioned before pressing in place.



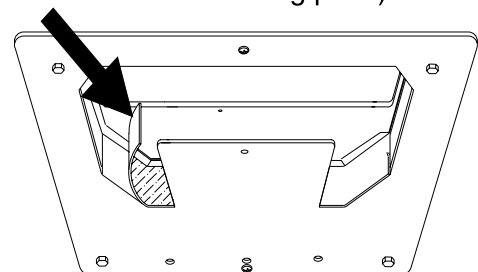
Push Divider Plate firmly onto Template

- 4) With slight pressure then push divider plate against exposed double sided tape on ceiling template.
- 5) Locate 1/8" x 7" x 18" self-adhesive insulation supplied with the Return Air Kit.
- 6) Remove the backing paper from the insulation and carefully stick onto the ceiling template divider panel.

Note: The adhesive on insulation is extremely sticky. Be sure part is located where desired before pressing into place. We recommend pulling off part of backing paper, locating part and then remove backing paper as insulation is pressed into place.

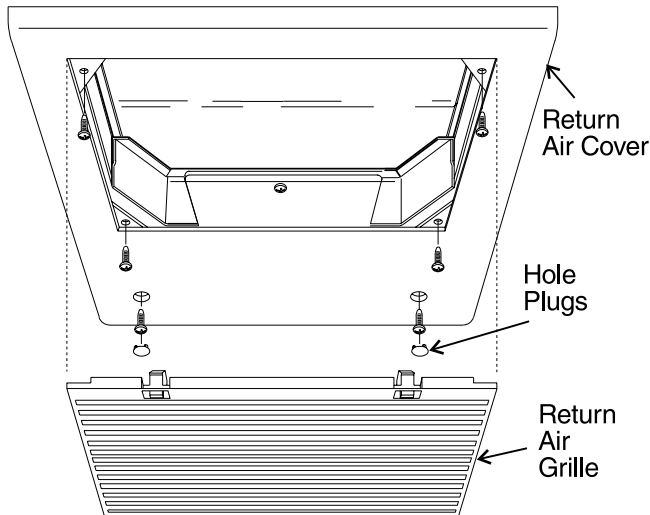
- a) Excess width is intended to seal the divider plate to the sides of the 14" opening, This is to prevent cold discharge air from circulating into the Air Conditioner return air opening.
- b) If the insulation is too high, stick the excess height of insulation to the Air Conditioner base pan. Note: Do not cover up unit rating plate.

Place insulation in position (Do not Cover unit rating plate)



C. INSTALLATION OF RETURN AIR COVER

- 1) Remove Return Air Grille from the Return Air Cover.
- 2) Place the Return Air Cover up to Ceiling Template.
- 3) Install Cover to Template with #8 x 3/8" blunt point phillips head screws provided (6 required).
- 4) Reinstall Return Air Grille into Return Air cover.
- 5) Install two (2) hole plugs into screw holes in back of return air grille. Align tabs with mating notches and snap into place.



Operating Instructions on Quick Cool Return Cover Kit, If Installed:

The air conditioner in a recreational vehicle is typically located in the front 1/3 of the vehicle. This area also contains the primary living/cooking area of the RV. The design of your quick cool return air cover provides for large volume of very cool air to be delivered to this area. The large volume of cool air will provide this area rapid cooldown during extremely hot conditions.

A. To use this feature to its full advantage, do the following:

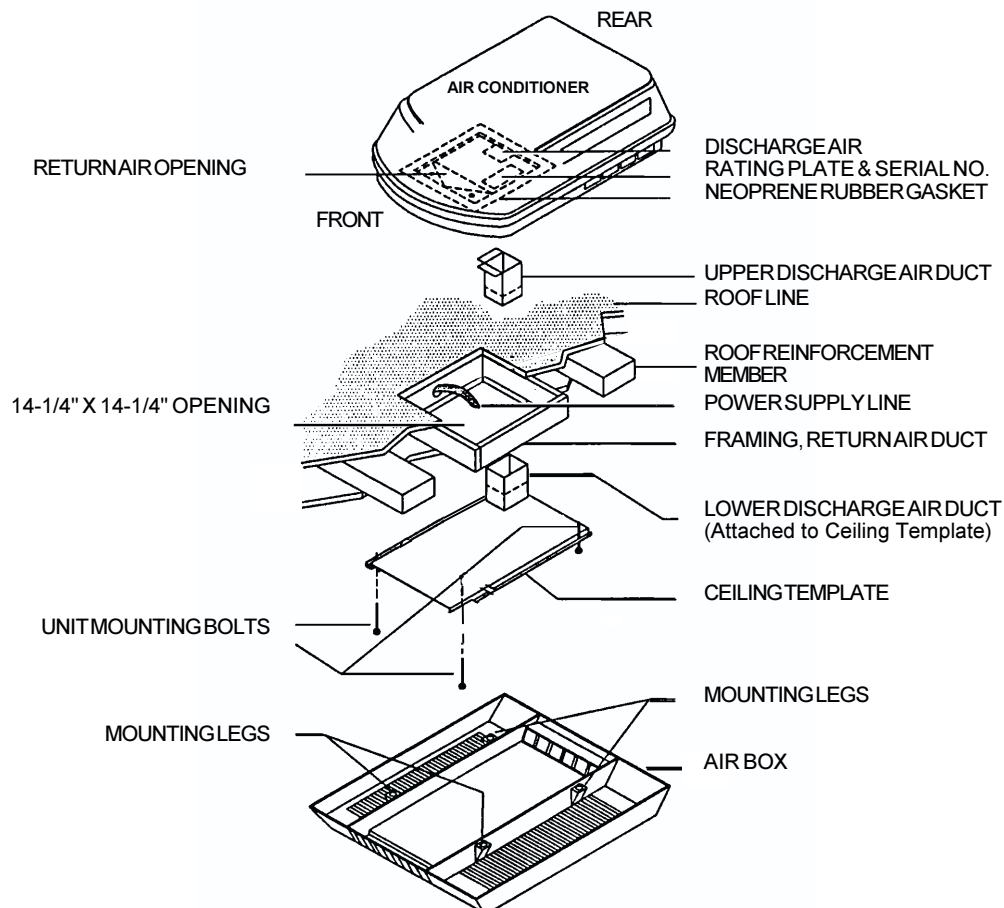
- 1) Open the register completely on quick cool return air cover.
- 2) Close all other registers on your ceiling ducted system to provide maximum cooling effect in local area.
- 3) Turn your A/C controls so they operate the A/C at High Fan Speed and Maximum Cooling.
- 4) Operate your air conditioner in this manner until the local area cools sufficiently.

B. After local area cools sufficiently, do the following:

- 1) Open registers in your ceiling ducted system to original position.
- 2) Close register on your quick cool return air cover fully or partially, depending upon your personal preference.
- 3) Turn your A/C controls to setting you desire in the normal manner.

MODEL 630015

INSTALLATION OF AIR CONDITIONER WITH AIR BOX ASSEMBLY

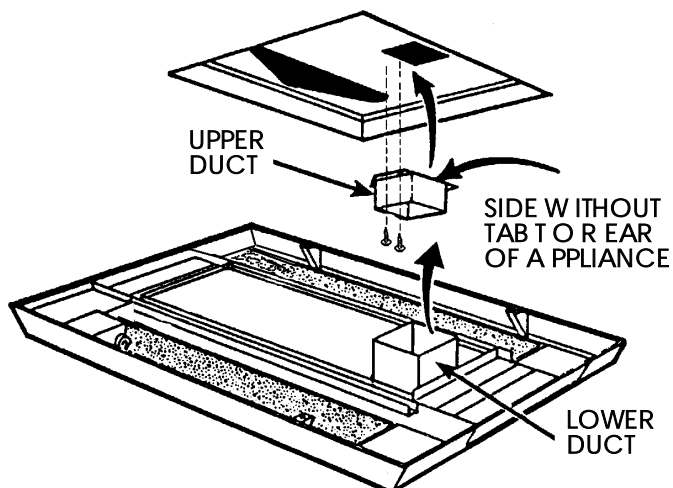


10. DISCHARGE DUCT & CEILING TEMPLATE INSTALLATION

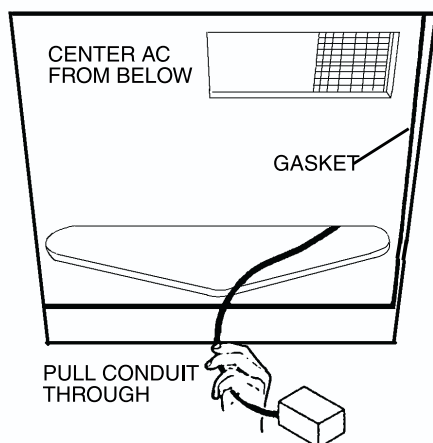
Remove the air box and mounting hardware from their carton. The upper duct is shipped inside the lower duct which is part of the ceiling template. The mounting hardware is in a plastic bag.

NOTE: Refer to Section 8 for junction box location and power connection.

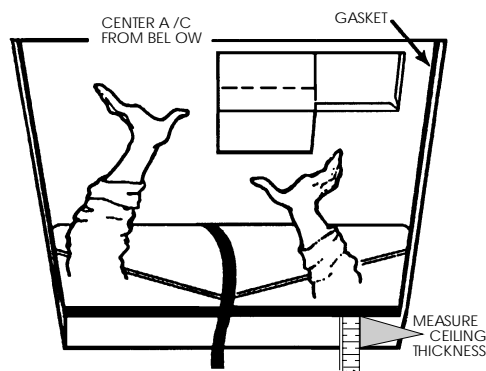
Refer to Section 5 for low voltage cable to thermostat cable connection.



- 1) Remove the upper duct from the ceiling template and locate it over the blower discharge. NOTE: The edge without the flange installs toward the **rear** of the RV.
- 2) Use two of the sharp pointed sheet metal screws to hold the duct to the base pan. The holes are prepunched in the pan for each of location.
- 3) Check gasket alignment over roof opening and adjust if necessary. Unit may be moved from below by lifting and sliding.
- 4) Reach up into the return air opening and pull the conduit power cable down for later connection.



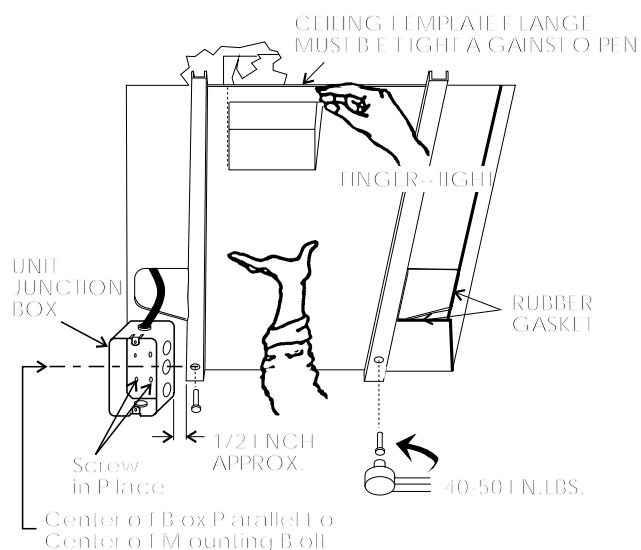
- 5) Measure the ceiling thickness:
 - a) If the distance is 2" to 3" remove the perforated tabs from the bottom duct only.
 - b) If the distance is 3" to 4-1/4" install the ducts as received.
 - c) If the distances is 4-1/4" to 6" (maximum thickness), optional duct and bolt kits are available:
 Duct (Part No. 318556)
 Bolts (Part No. 318557)



- 6) Take the ceiling template and slide the lower duct over the upper duct.
- 7) Hold the ceiling template with one hand and with the other, install the three 1/4" mounting bolts through the template and into the base pan.
 - a) Finger-tighten the (3) bolts and check alignment. There should be an equal opening on each side and the rear flange must be tight against the roof opening.
 - b) **EVENLY** tighten the bolts to a torque of 40 to 50 inch pounds. This will compress the roof gasket to approximately 1/2".

! CAUTION

If bolts are left loose there may not be an adequate roof seal. If bolts are overtightened, damage may occur to the air conditioner base or ceiling template.



11. MAINTENANCE

AIR FILTER: Periodically remove the return air filter. Wash the filter with soap and warm water; let dry and then reinstall or replace as required.

NOTE: Never run the air conditioner without the return air filter in place. This may plug the unit evaporator coil with dirt and may substantially affect the performance of the unit.

FROST PREVENTION:

Air conditioners have a tendency to frost during operation in cool temperatures with moderate humidity conditions, particularly on low fan speed. This condition normally exists during the evening or nighttime hours of operation of the air conditioner. To help your air conditioner maintain peak performance without frosting-over during this time period, preset the thermostat to approximately 75 degrees and run fan at high speeds.

The ability of the air conditioner to maintain the desired inside temperature depends not only on the heat gain of the vehicle but also some preventative measures taken by the occupants. During extreme outdoor temperatures, the heat gain of the vehicle may be reduced by:

- Parking vehicle in a shaded area;
- Using window shades (blinds and/or curtains);
- Keeping windows and door shut;
- Avoiding the use of heat producing appliances.

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

! CAUTION

The manufacturer of this air conditioner will not be responsible for damage caused by condensed moisture on ceilings or other surfaces. Air contains moisture and this moisture tends to condense on cold surfaces. When air enters the vehicle, condensed moisture may appear on air registers, ceilings, windows, etc. The air conditioner removes this moisture from the air during normal operation. Keeping doors and windows closed when this air conditioner is in operation will minimize condensed moisture on cold surfaces.

For a more permanent solution to a high heat gain, accessories like A&E outdoor patio awnings will reduce the heat gain by removing the direct exposure to the sun, and add a nice area to enjoy company during the cool of the evening.

14. SERVICE – Unit Does Not Operate

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

- A. If your RV is connected to motor generator, check to be sure motor generator is running and producing power.
- B. If RV is connected to power supply by a land line, check to be sure line is sized properly to run air conditioner load and it is plugged into power supply.
- C. Check your fuse or circuit breaker to see if it is open.
- D. After the above checks, call your local service center for further help. This unit must be serviced by qualified service personnel only.

When calling for service, always give the air conditioner Model Number and Serial Number. This information can be found on the unit rating plate located on the underside of the air conditioner base pan.

WIRING DIAGRAM FOR MODEL 630015

