CHILL 2/10K/LOW PROFILE ROOFTOP AIR CONDITIONER WITH MANUAL CONTROL

MODEL (LIPPERT PN)

FACR13HESA2-PS (2023137137) FACR13HESA2-BL (2023137136)
FACR15HESA2-PS (2023137139) FACR15HESA2-BL (2023137138)
FACR10HESA2-PS (2026069913) FACR10HESA2-BL (2026069914)
FACR13LPSA2-PS (2024031596) FACR13LPSA2-BL (2024110346)
FACR15LPSA2-PS (2024031597) FACR15LPSA2-BL (2024110345)

INSTRUCTION MANUAL



ADB: FACT11CA2-PS
Control Box: FACC10MESA2-BL
Mounting Frame (Low Profile models only): C-FACR12SA-A01
(Sold Separately)

* Picture shown here is for reference only.

Thank you and congratulations on purchasing this Furrion product. Before operating your new product, please read these instructions carefully. This instruction manual contains information for safe use, installation and maintenance of the product.
Please keep this instruction manual in a safe place for future reference. This will ensure safe use and reduce the risk of injury. Be sure to pass on this manual to new owners of this product.
The manufacturer does not accept responsibility for any damages due to not following these instructions.

English

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Explanation of Symbols

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries. Always respect all safety warnings identified with these symbols. A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

⚠ WARNING

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

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Important Safety Instructions

	**CAUTION** **RISK OF ELECTRIC SHOCK** **DO NOT OPEN**	

	**This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your air conditioner.**

	**This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your air conditioner.**

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries. Please read this instruction manual carefully before installation and start-up, and store it in a safe place for future reference. If you pass on the device to another person, hand over this instruction manual along with it.
The manufacturer accepts no liability for damage in the following cases:

- Faulty assembly or connection
- Damage to the product resulting from mechanical influences and excess voltage
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in the operating manual.

The following basic safety information should be heeded when using electrical devices to protect against:

- Electric shock
- Fire hazards
- Injury

This appliance is intended to be used in the recreational vehicle.

All Furrion product referenced in this manual is to be installed in accordance with local and national codes, including the latest editions of the following standards:

USA:

- NFPA 1192
- NFPA 70

Canada:

- C22.1
- CSA Z240

Handling the Device



WARNING

- Installation and repair of the rooftop air conditioner must only be carried out by qualified personnel who are familiar with the risks involved and the relevant regulations. Inadequate repairs may cause serious hazards.
- Electrical devices are not toys. Keep electrical devices out of reach of children or elderly persons. Do not allow them to use electrical devices without supervision.
- Prevent inexperienced people from using the device without supervision.
- Do not undo the upper cover of the rooftop air conditioner in the event of a fire. Use approved extinguishing agents instead. Do not use water to extinguish fires.

CAUTION

- The rooftop air conditioner must be installed securely so that it cannot fall down.
- Only operate the rooftop air conditioner if you are certain that the housing and the cables are not damaged.
- Do not use the rooftop air conditioner near flammable fluids or in closed rooms.
- Make sure no combustible objects are stored or installed near the air outlet. A distance of at least 20" must be kept.
- Do not reach into air outlets or insert any foreign objects into the device.

- Only use the device as intended.
- Do not make any alterations or conversions to the device.
- If faults occur in the refrigerant circuit, the system must be checked by a certified service technician and repaired properly. The refrigerant must never be released into the air.

WARNING - RISK OF FIRE

- Flammable Refrigerant used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.
- Dispose of properly in accordance with Federal or Local regulations. Flammable refrigerant used (R32)

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If a component part is damaged, it must be replaced by the manufacturer, its service agent, or similar qualified persons to avoid a hazard.
- Follow local regulations regarding disposal of your air conditioner due to flammable refrigerant and gas. All air conditioner products contain refrigerants, which under the guidelines of federal law must be removed before disposal. It is the consumer's responsibility to comply with federal and local regulations when disposing of this product.

Handling Electrical Cables

WARNING

The electrical power supply must only be connected by a qualified electrician.

CAUTION

- Refer to NEC (National Electric Code) for proper sizing of wire gauge (AWG) based on cable length and overcurrent protection rating that is suppling power to the air conditioner.
- See rooftop unit nameplate for proper overcurrent protection sizing.
- Attach and lay the cables so that they cannot be tripped over or damaged.

- Only a qualified electrician should connect the rooftop air conditioner to electrical power.
- Do not lay loose or bent cables next to electrically conductive materials.
- Do not pull on the cables.
- Use cable ducts to lay cables through walls with sharp edges.
- Refer to rooftop unit nameplate and NEC for proper power supply rating.
- This air conditioner works with only a certain set of ADBs and controls, which are approved with use of flammable refrigerants. Contact Furrion for further details before purchase or use.

Before Installing

Read this installation manual completely before installing the rooftop air conditioner.
The following tips and instructions must be observed while installing the rooftop air conditioner.

WARNING - RISK OF FIRE

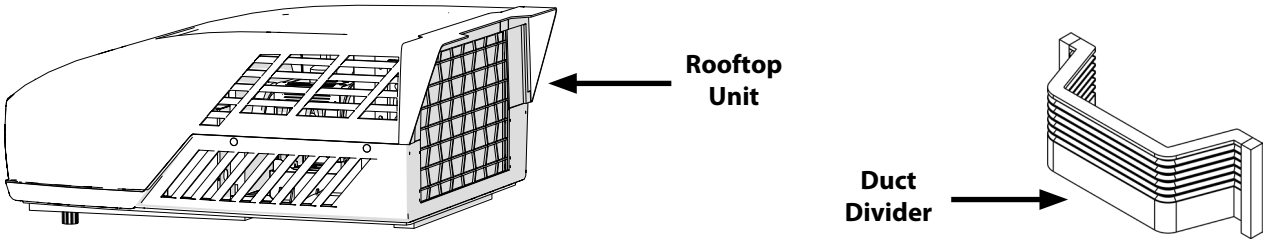
- Flammable Refrigerant used. Prior to beginning work on air conditioner systems, safety checks are necessary to ensure that the risk of ignition is minimized. The work area around the unit is to be surveyed to make sure that there are no flammable hazards or ignition risks, including cigarette smoking.
- Installation, storage, and operation of the appliance in confined spaces shall be avoided (floor area must be > 11 ft^2).
- Do not install in an unventilated space if it is smaller than 11 ft^2.

What's in the Box

Open and remove the components from carton. Make sure you have all the following items included in the packaging, if any item is missing, contact your dealer.

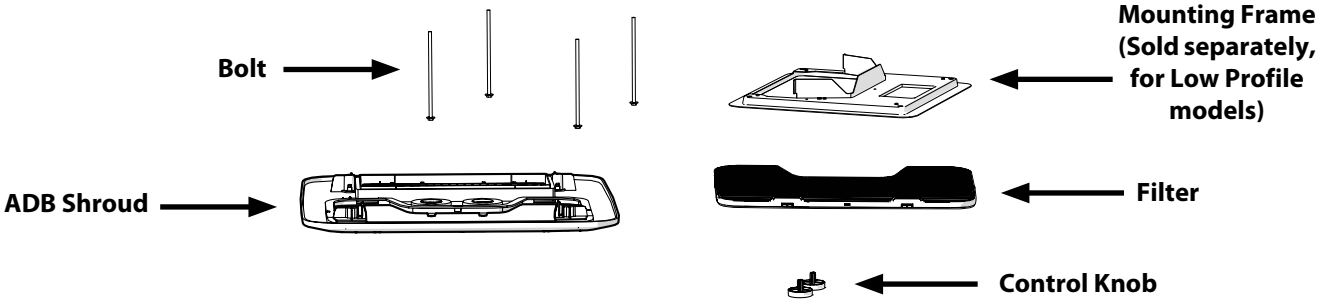
Rooftop unit (sold separately):

*Actual model may look different. Chill 2 image used here as an example.



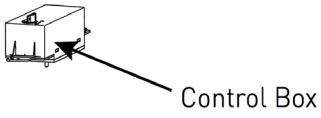
- Rooftop Unit x1
- EPE Duct Divider x1

Air distribution box (sold separately):



- Bolt x4
- Mounting Frame x1
- Air Distribution Box (ADB) Shroud x1
- Filter x1
- PE Foam x1
- Control Knob
- Self-tapping Screws x4
- Instruction and Warranty Manual x1

Control box (sold separately):



- Self-tapping Screws x2
- Control Box x1

Choosing the Proper Location for the Air Conditioner

IMPORTANT: The roof must be designed to support the weight of the rooftop unit and the weight of 2 installers standing on the roof.
There are two ways of installing the rooftop air conditioner:
1. Using the existing roof vent opening in the vehicle roof.
2. Making a new opening. In this case the opening should be reinforced by an appropriate frame as required.

English

Existing roof vent opening

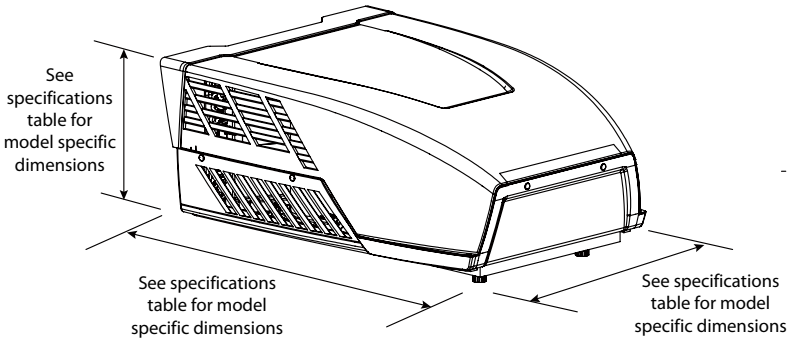
The air conditioner is designed to fit over an existing 14" roof vent opening.

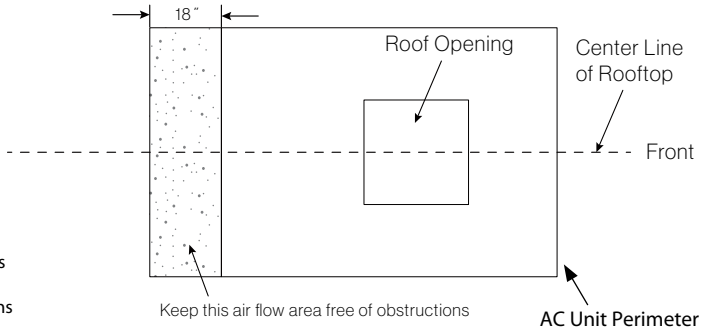
New opening

When no roof vent is available or another location is desired, the following is recommended:
- For one unit installation - 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 one third from the front of the RV and the other air conditioner two thirds from the front of the RV, aligned in the center.

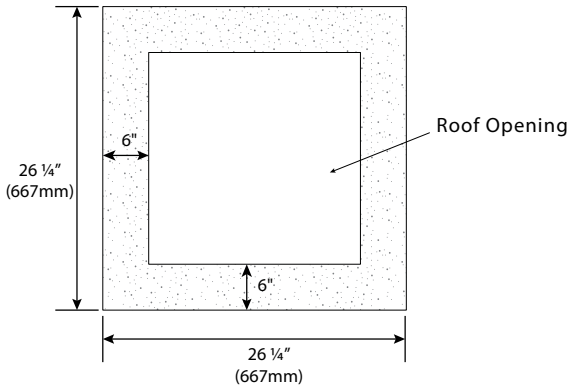
It is preferred that the air conditioner be installed on a relatively flat and horizontal roof section measured when the RV is parked on a level surface.
Note: A 15° slant to either side or front to back is acceptable for all units. If the roof exceeds 15° please use an exterior leveling shim to make air conditioner level.

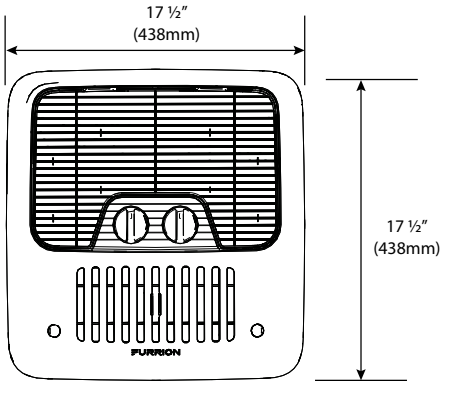
After the location has been selected:





1. Check for obstructions in the area where the air conditioner will be installed.
2. Ensure that the ventilation holes for this air conditioning system are not obstructed or blocked.
3. Check the inside of the RV for return air kit obstructions. (i.e. door openings, room dividers, curtains, ceiling fixtures, etc.) Allow 6" (152mm) space from the opening to account for any potential return air kit obstructions.





Roof Preparation

Opening Requirements - Before preparing the ceiling opening, decide on the type of system options. Read all of the following instructions before beginning the installation.

WARNING - FIRE / ELECTRIC SHOCK HAZARD

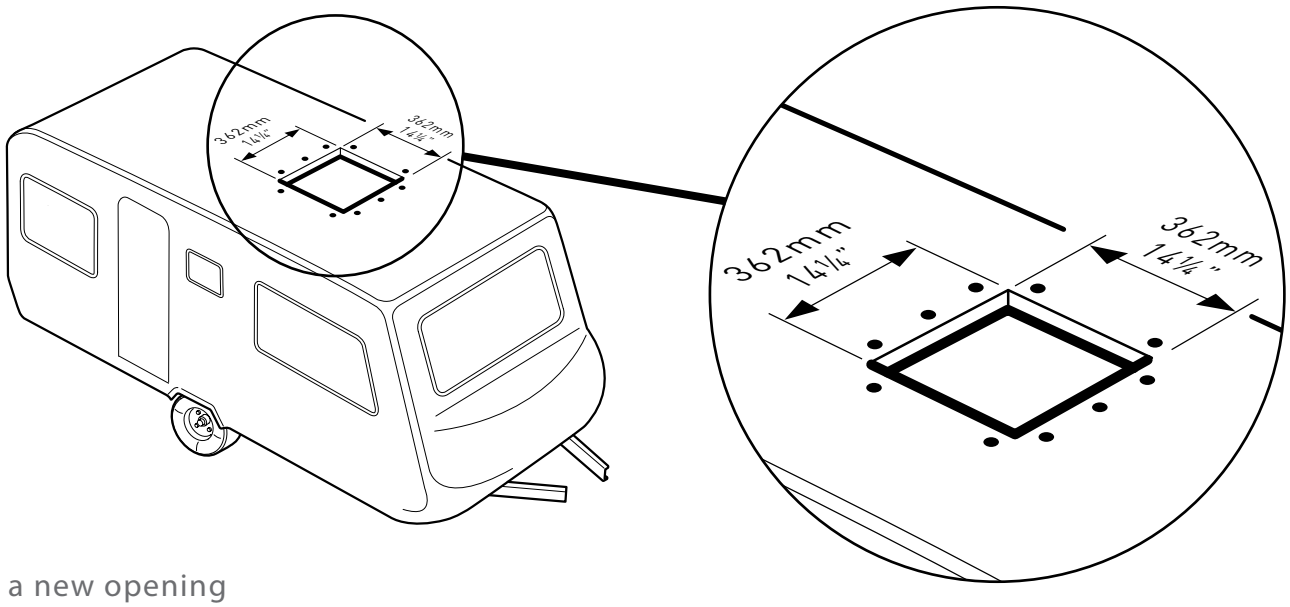
- Make sure there are no obstacles inside the RV roof, floor and walls, such as wires and pipes.
- Shut off the gas supply and disconnect the 115VAC power from the RV before drilling or cutting into the RV. Failure to obey these warnings could result in death or serious injury.

Roof thickness

The installation of air conditioner suits for roof thickness from 3.5" (90mm) to 6" (152mm). For other thickness, please contact Furrion or Furrion authorized service agent.

Installing in an existing opening

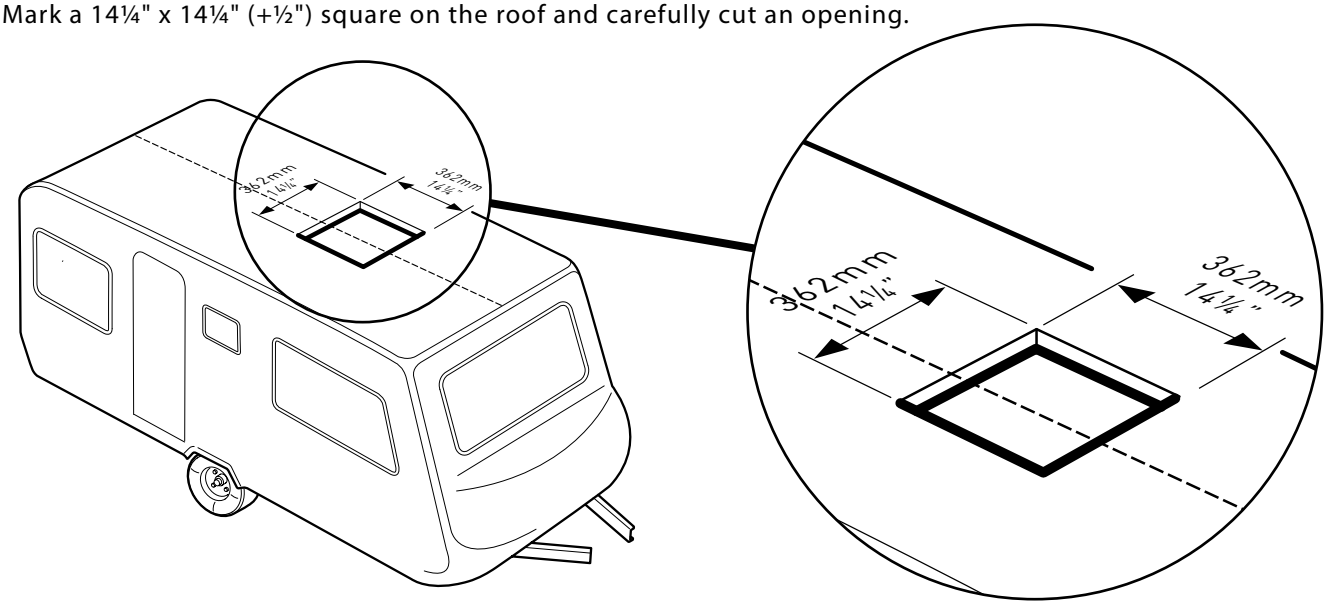
1. Unscrew and remove the roof vent.
2. Remove all caulking compound around the opening.
3. If the opening exceeds 14¼" x 14¼" (+½"), it will be necessary to resize the opening to 14¼" x 14¼" (+½"). If the opening is less than 14¼" x 14¼" (+½"), it must be enlarged.



Making a new opening

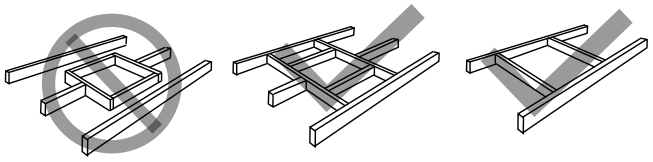
If a roof vent opening will not be used, a 14¼" x 14¼" (+½") (362mm x 362mm) opening must be cut through the roof and ceiling of the RV. This opening must be located between the roof reinforcing members.
The 14¼" x 14¼" (+½") opening is part of the return air system of the air conditioner and must be finished in accordance with NFPA Standard 501C Section 2.7.2.

1. Mark a 14¼" x 14¼" (+½") square on the roof and carefully cut an opening.



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

NOTE: Maintain structural integrity. Otherwise damage to product and/or RV could occur. Always observe the following guidelines while structuring the opening.

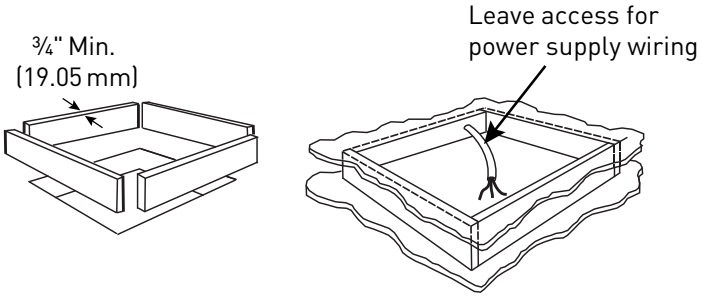


Do not cut roof structure or rafters

Good: rafters supported by cross beams

Good: location between roof rafters

3. The opening created must be framed to provide adequate support and prevent air from being drawn from the roof cavity.
4. Lumber ¾" or more in thickness must be used. Remember to provide an entrance hole for power supplies, wall thermostat and furnace wiring for connections. Leave 15" (381mm) minimum at the front of the opening.



Air distribution duct sizing and design

The installer of this system must design the air distribution system for their particular application.

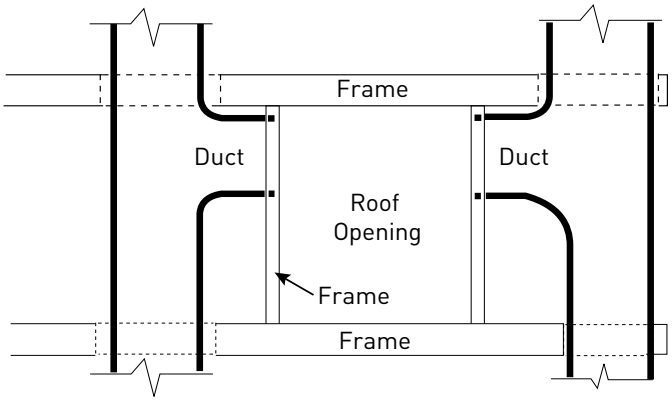
NOTE: Make sure ductwork will NOT bend or collapse during and after installation, and that it is correctly insulated and sealed. Otherwise, damage to roof structure and ceiling could occur.

The following requirements must be met to properly operate the unit:

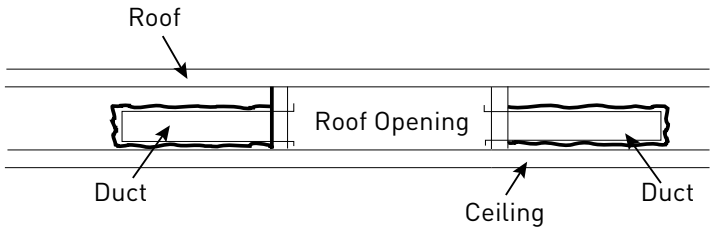
Roof Cavity Depth	3.5"-6" (89mm-152mm)	
Duct Cross Sectional Area	21 Sq. In. Min.	
Duct Size	Depth	1 ½" Min. - 2 ½" Max. (38mm Min. - 63.5mm Max.)
	Width	7" Min. - 10" Max. (178mm Min. - 254mm Max.)
	Total Duct Length	15Ft. Min. - 40Ft. Max. (4.5m Min. - 13m Max.)
	Duct Length (shortrun)	1/3 Total Duct Length
Register Requirements per A/C Unit	Number Required	3 Min. - 8 Max. (10k) 4 Min. - 8 Max. (13.5k/15k)
	Supply Register Free Air Area	14 Sq. In. (90 sq. cm)
	Return Register Free Air Area	40 Sq. In. (258 sq. cm)
	Distance From Duct End	5" Min. - 8" Max. (127mm Min. - 203mm Max.)
	Distance From Elbow	15" (381mm)
Total System Static Air Pressure	Blower at High Speed, Filter & Grille in Place	0.55 - 1.10 In. W.C.

- Properly insulate and seal all discharge air ducts to prevent condensation from forming on their surfaces or adjacent surfaces during operation of the unit. This insulation must be R-7 minimum.

TOP VIEW
(BACK OF RV)



SIDE VIEW
(TOWARD BACK OF RV)



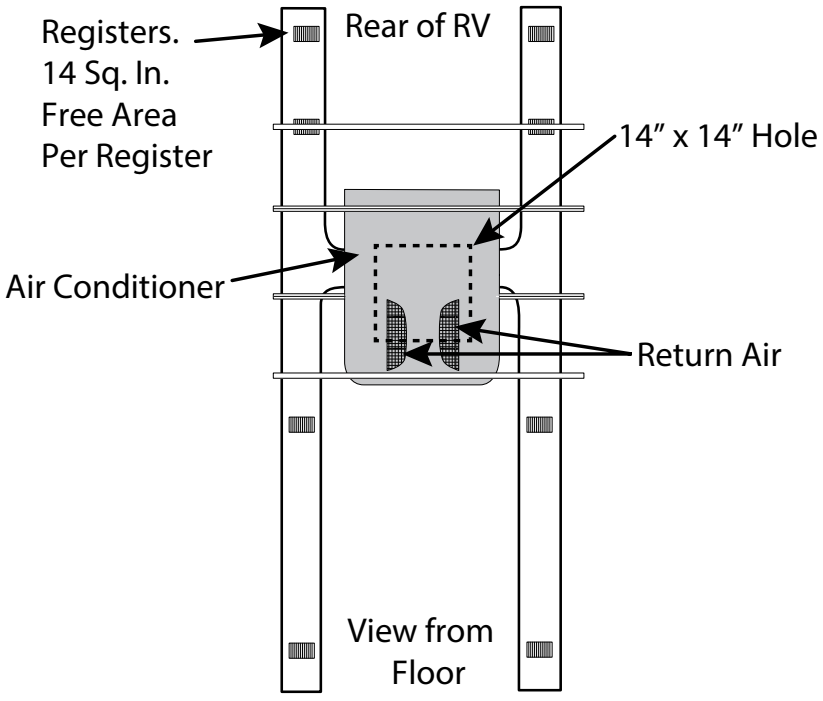
- Return air openings must have 80 square inches (516 square centimeters) minimum free area including the filter.
- Return air to the unit must be filtered to prevent dirt accumulation on the unit cooling surface.

Air distribution system installation

It is the responsibility of the installer to review each RV floor plan to determine the following items in conjunction with "Air Distribution Duct Sizing and Design" section

NOTE: Alternate configurations and methods may be used which will allow the unit to operate properly, however, these alternate configurations and methods MUST be approved by Furrion in writing.

- Duct size
- Duct layout
- Register size
- Register location
- Thermostat location
- Indoor temperature sensor location (if applicable)



Preparing Wire Connections

Each Rooftop Air conditioner opening must be prepared with proper wiring to connect the ceiling controller of the air conditioner to the 115VAC supply Voltage.

NOTE: The wire connections need to be positioned in the forward facing section of the opening.

DANGER - ELECTRICAL SHOCK HAZARD

- Disconnect power before servicing. Failure to obey this warning could result in death or serious injury.
- Provide grounding in compliance with all applicable electrical codes. Failure to obey this warning could result in death or serious injury.

English

115VAC supply

Refer to the applicable electric code guidelines for sizing the appropriate wire gauge, length and type.

1. Route a 115VAC dedicated supply wire with ground, from the time delay fuse to circuit breaker box to each roof opening.

NOTE: Refer to rooftop unit nameplate, applicable code, and specification chapter for proper installation.

2. Use approved method to protect the wire where it passes through the opening.
3. Terminate with at least 15" of supply wire extending out of the roof opening. This ensures an easy connection at the control box.

Repairs and Maintenance

Only qualified personnel or a certified service technician is permitted to carry out any repairs of the air conditioner.

- Before any maintenance disconnect the power source (e.g. by turning off the battery main disconnect switch or by removing the corresponding fuse in the fuse box) from your air conditioner before carrying out user maintenance on it.
- Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with.

Initial safety checks shall include:

- That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- That no live electrical components and wiring are exposed while charging, recovering or purging the system;
- That there is continuity of earth bonding.

Repair of components:

- Sealed electrical components shall be replaced.
- Intrinsically safe components must be replaced.

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used. If a leak is suspected, all naked flames shall be removed/ extinguished.

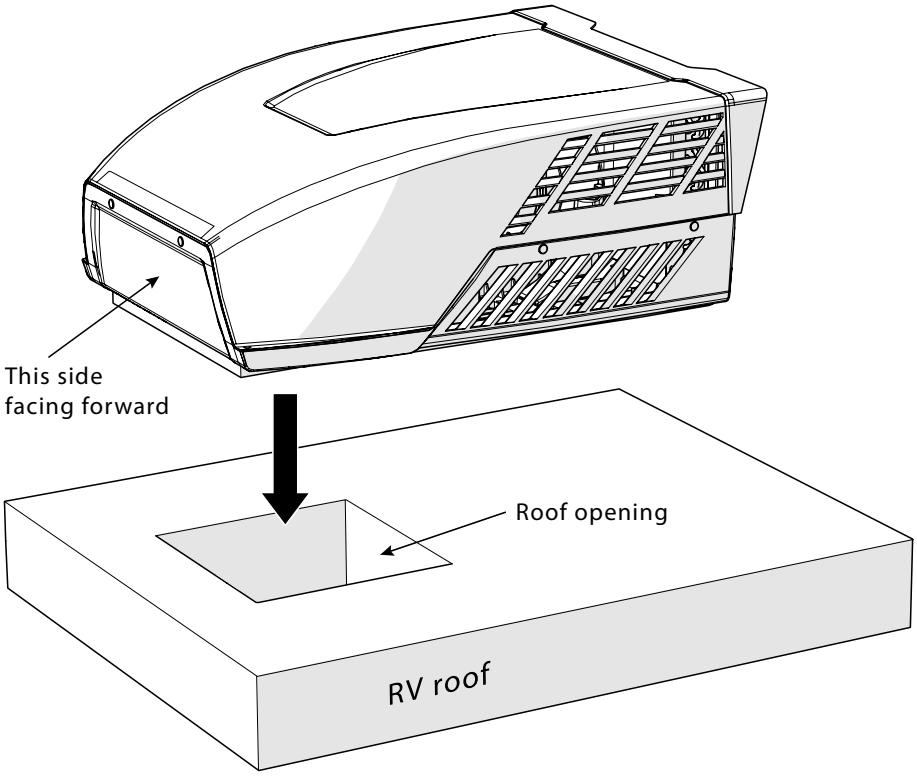
Installation

Installing the Rooftop Unit

CAUTION

- The rooftop unit weighs approximately 100 pounds (45 kg). To prevent back injury, use a mechanical hoist when lifting or moving the unit. Failure to obey this warning could result in injury.
- Do not slide unit. It may damage the gasket at the bottom of the rooftop unit and cause leakage.
- Do not grasp the ventilation slots to lift the rooftop unit up.

Hold the bottom of the unit, lift and position the rooftop unit into the prepared opening using the gasket at the bottom of the rooftop unit as a guide.



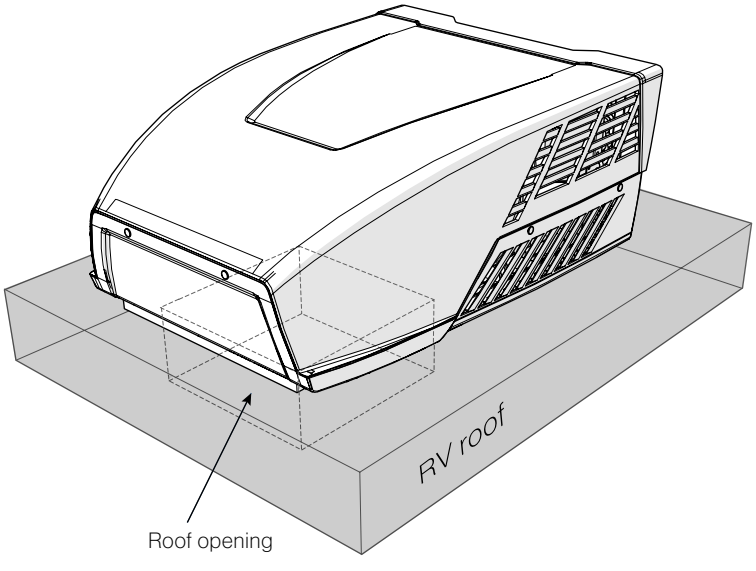
*Chill 2 shown here for illustrative purposes. Air Conditioner Installation is the same from model to model.

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

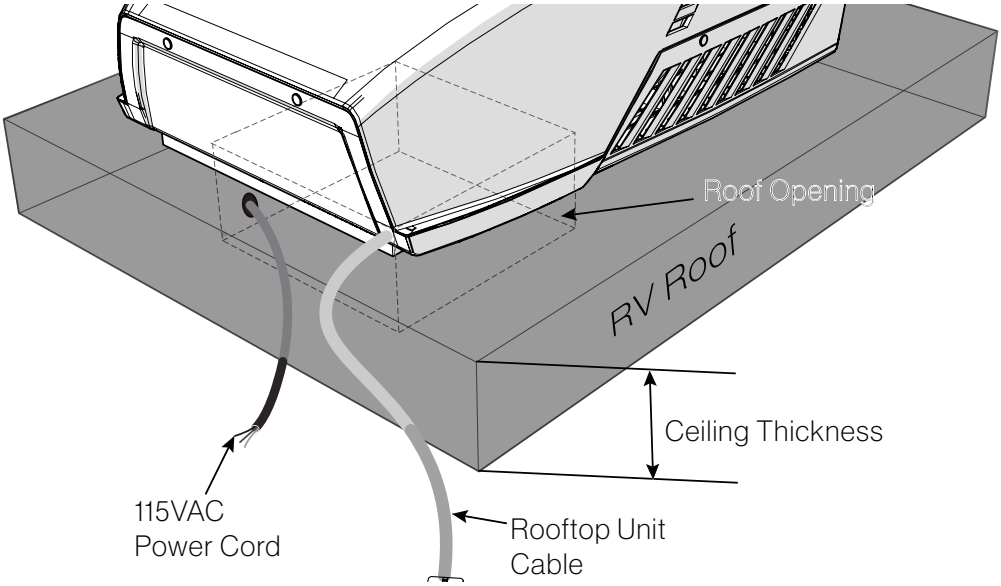
Installing the Air Distribution Box

NOTE: The installation of the air distribution box is the same for both ducted and non-ducted structures.
The rooftop unit is fixed on the RV roof using 4 long bolts through the mounting frame from the interior of the RV ceiling.

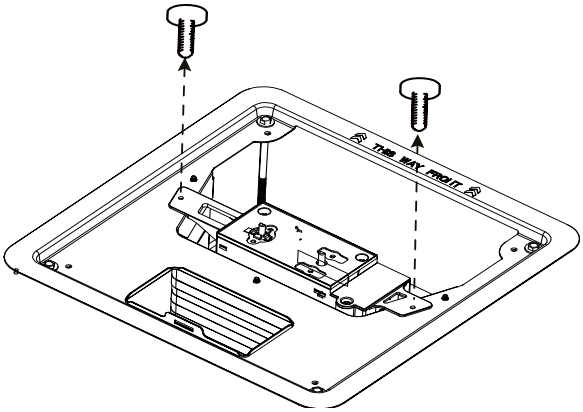
1. Check the gasket alignment of the rooftop unit inside the RV over the roof opening and adjust as necessary by lifting and moving slightly.



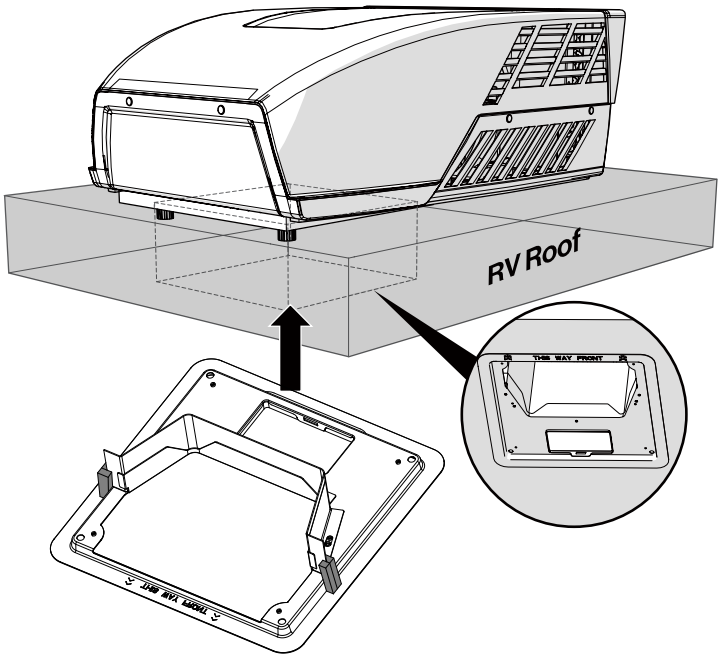
2. Reach up into the return air opening and pull the rooftop unit electric cord and 115VAC power cord down from the cutout area for later connection.



3. Remove the control box off the mounting frame by unscrewing the two screws on the supporters of the control box.

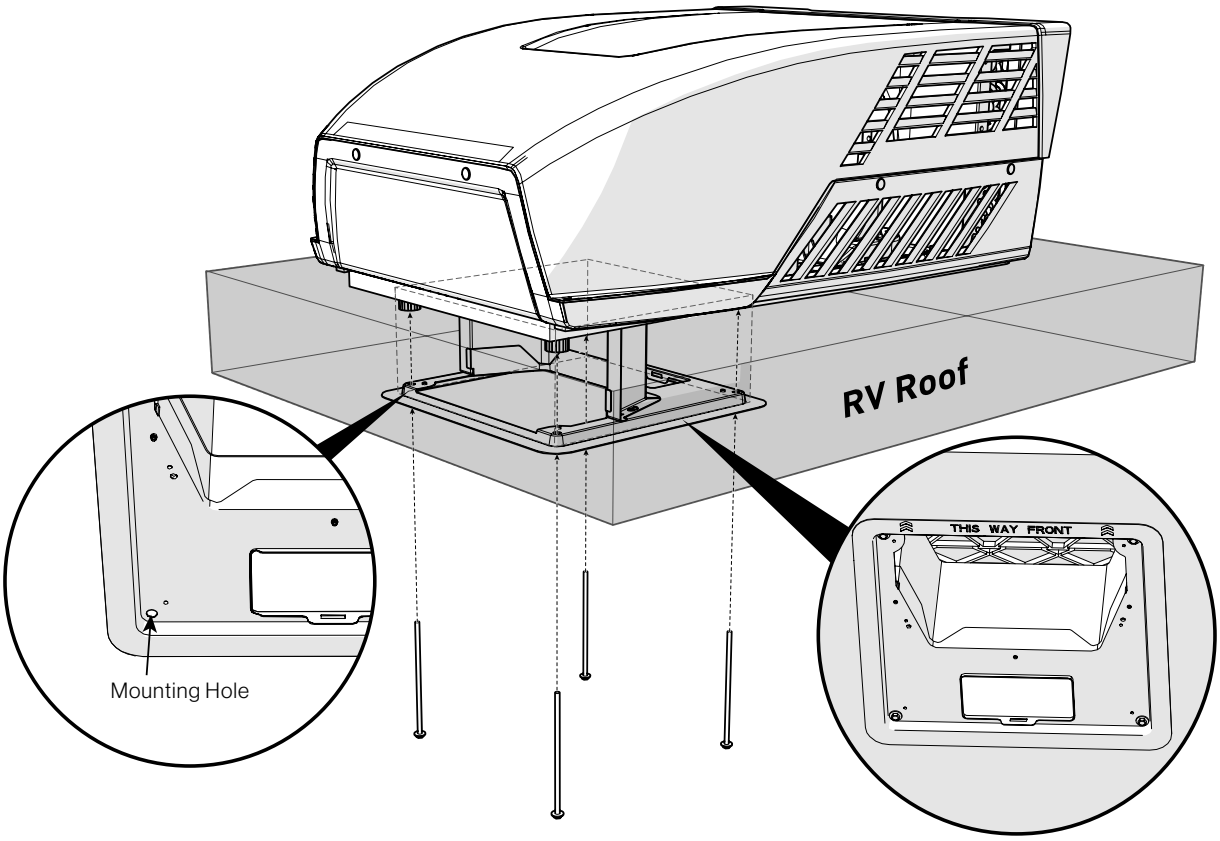


4. Install the assembled mounting frame and the duct divider into the rooftop opening. Make sure the "THIS WAY FRONT" mark is facing front (the direction of the vehicle) while installing. Trim duct divider to provide tight seal.

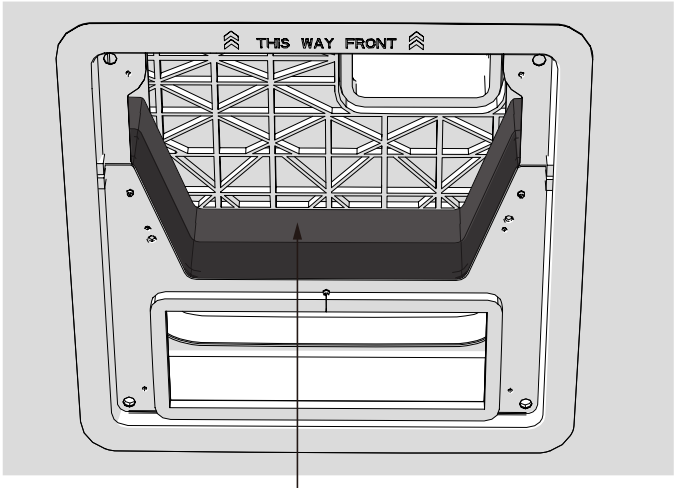


5. Fix the assembled mounting frame and duct divider into the rooftop unit using 4 bolts provided. Evenly tighten the four bolts to a torque of 40 to 50 inch pounds. This will compress the roof gasket to approximately 1/2".

NOTE: If bolts are left loose there may not be an adequate roof seal or if over tightened, damage may occur to the rooftop base or mounting frame.

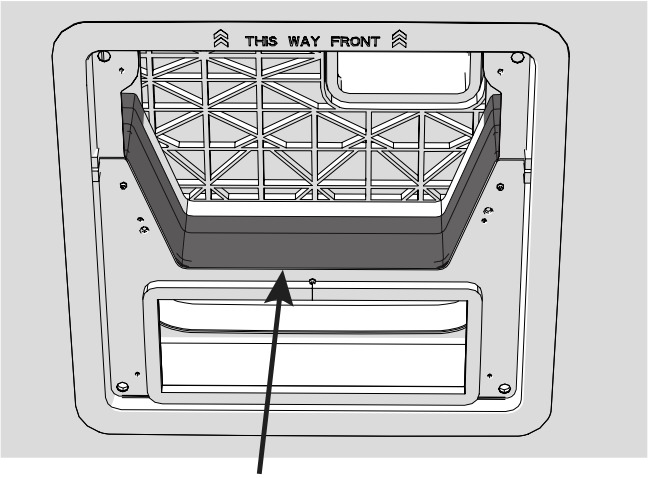


6. Make sure the duct divider is compressing the top foam on the base of the air conditioner unit, and compress tightly to ensure a positive retention.



7. Use self adhesive foil tape to seal any potential gaps around the duct divider to roof opening that may allow cold air to leak back into the warm intake side.

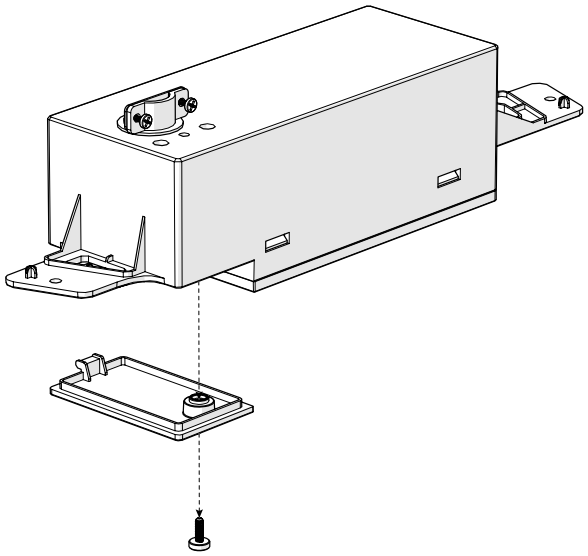
NOTE: Clean metal surfaces to remove any oils to ensure good adhesion of the foil tape.



8. Remove the cable compartment cover using a Phillips screw driver.

DANGER - ELECTRICAL SHOCK HAZARD

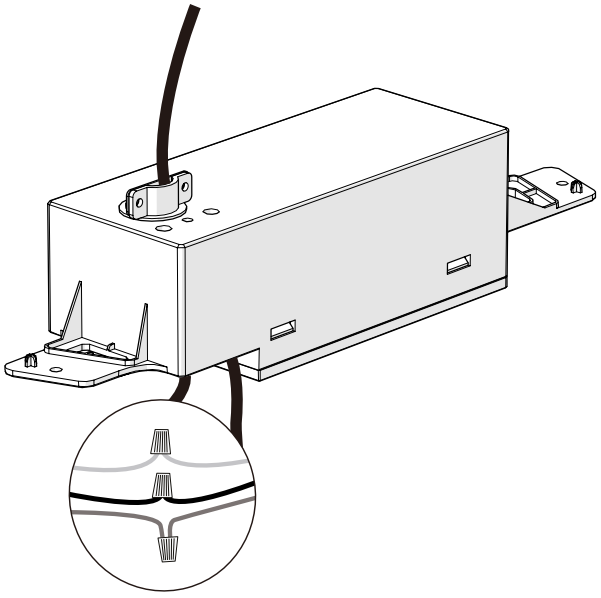
- Disconnect power before servicing. Failure to obey this warning could result in death or serious injury.
- Provide grounding in compliance with all applicable electrical codes. Failure to obey this warning could result in death or serious injury.



9. Loosen the cable clip on top of the control box and let the 115VAC power cord pass through the cable clip. Make the 115VAC power supply connection to the control box and ensure they are properly insulated by using twist caps.

NOTE: Always follow the color code while connecting the cables.

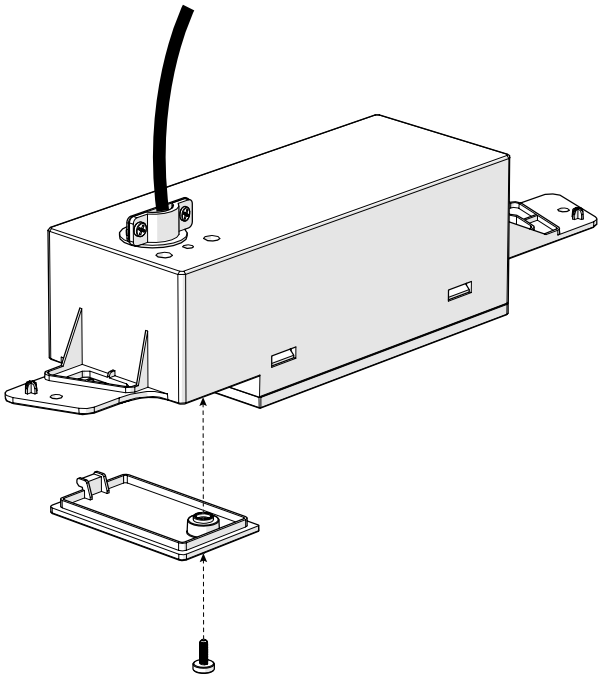
- Black - Hot
- White - Neutral
- Green/yellow - Ground



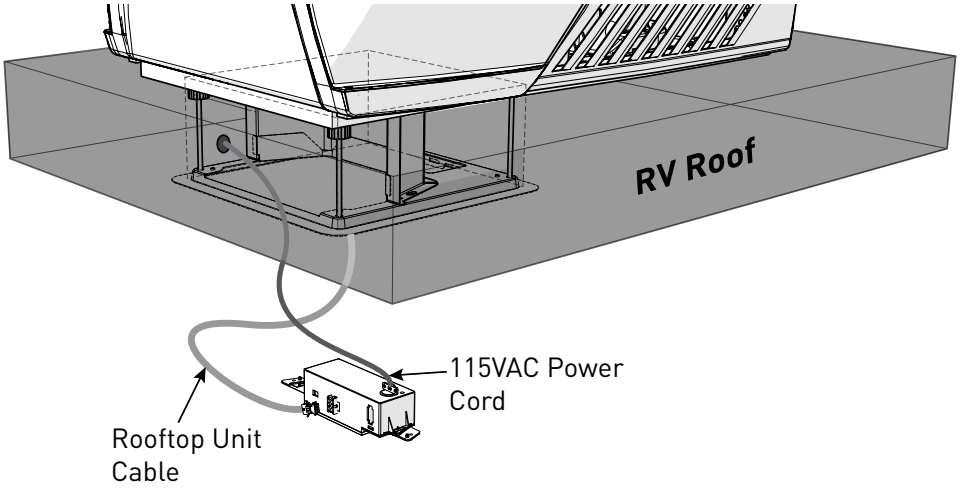
10. Tighten the cable clip until the cable is snapped tightly.

NOTE: Do not over tighten.

11. Fit all cables into the cable compartment and tuck any excess wires up out of the way. Tighten the cover with screw.

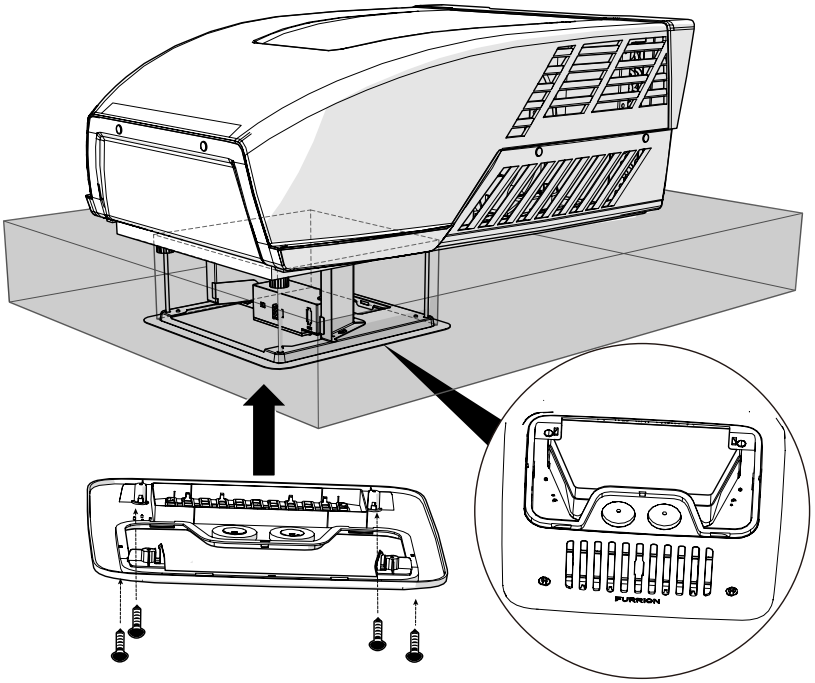


12. Connect the wires of the rooftop unit cable to the control box. 115VAC power cord connects to 115VAC power source.
NOTE: For Heat Pump models, the manual controller is not compatible. Tuck the excess heat pump cable out of the way.

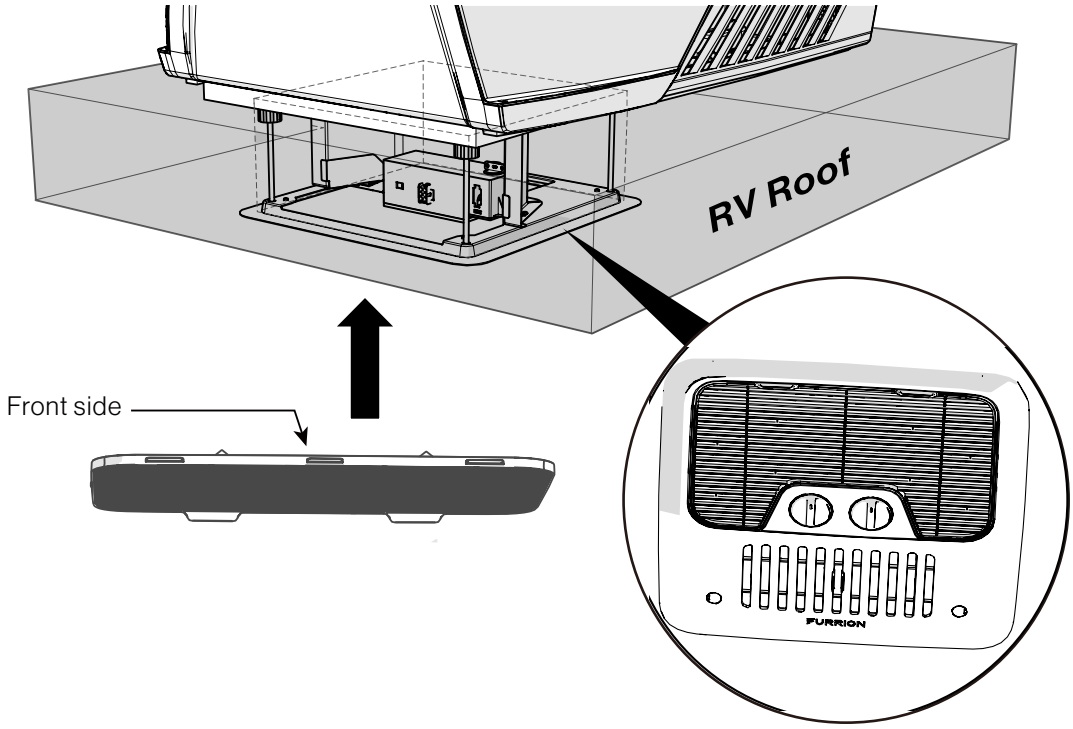


13. Attach control box to mounting frame using supplied screws.
14. Extend the temperature sensor into the middle of the return air stream. Be careful to not let the sensor touch the metal frame or plastic grill.
15. Install the Air Distribution Box (ADB) shroud over the mounting frame and fix with 4 self-tapping screws.

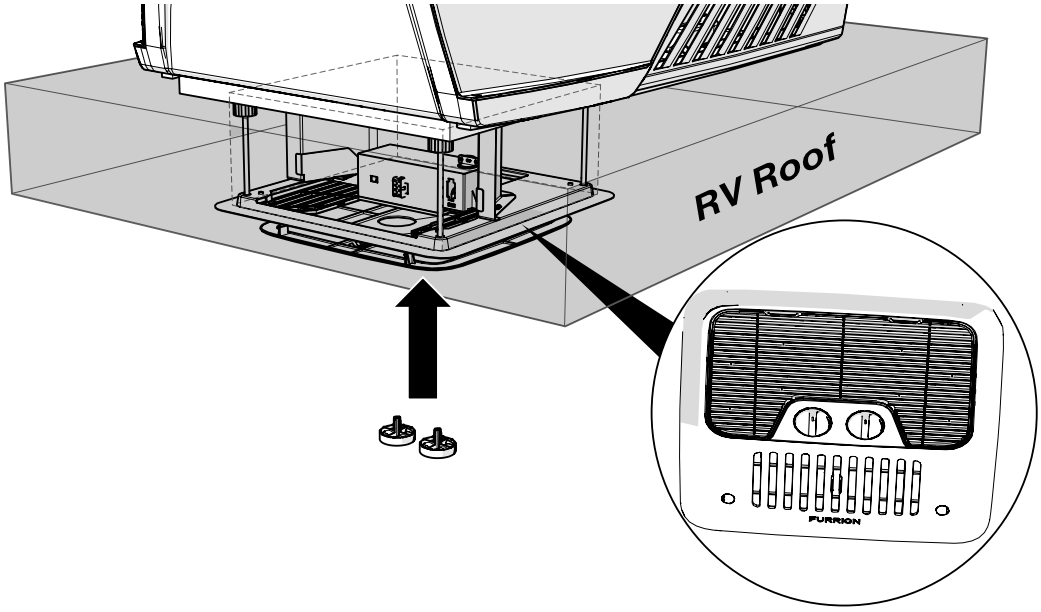
NOTE: Make sure the "THIS WAY FRONT" mark is facing front (the direction of the vehicle) while installing.



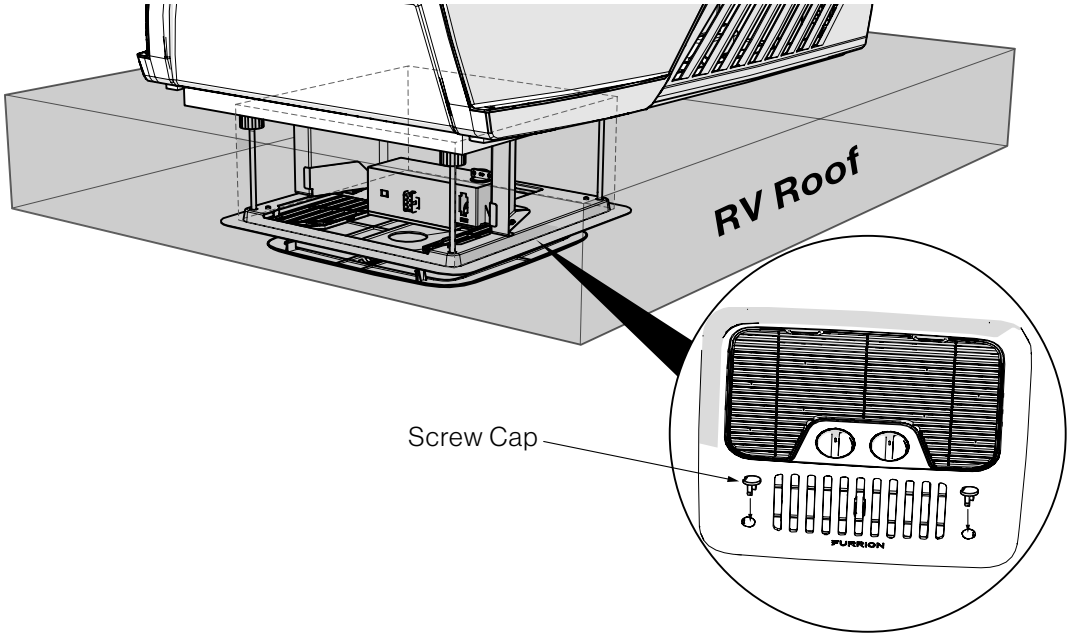
16. Align the filter tabs with mating notches and push to snap the filters into the ADB shroud.



17. Install the two control knobs through holes on the decoration plate and push to lock into place.



18. Install the screw caps to cover the screw holes.
Your new rooftop air conditioner has now been fully installed in the RV roof.

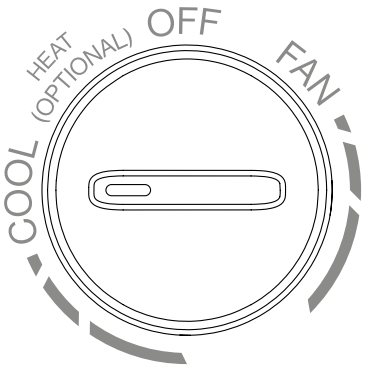


Operation

Your new rooftop air conditioner is designed with 2 control knobs which allow you to set the temperature set-point and change the operating mode of the air conditioner.

Change the Operating Mode

Rotate the operating control mode knob to select the desired operating mode. There are 4 available operating modes for you to select.



FAN MODE

Rotate the operating mode control knob to the FAN position.

COOL MODE

Rotate the operating mode control knob to the COOL position.

HEAT MODE (OPTIONAL)

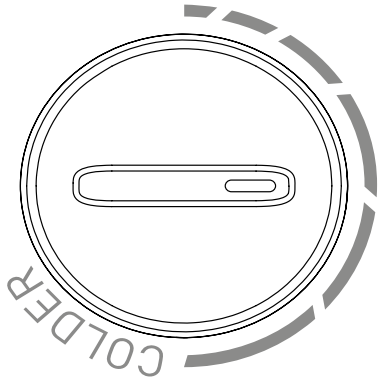
Rotate the operating mode control knob to the HEAT position. Heat pump not supported.

OFF MODE

Rotate the operating mode control knob to the OFF position.

Set the Temperature

Set the temperature to your comfort level by rotating the temperature control knob. The fan will run continuously to circulate the air and maintain an even temperature.
NOTE: The temperature setting mode is only available while cooling mode is selected.



1. Rotate the operating mode control knob to the cool position.
2. Rotate the temperature control knob to your desired level.

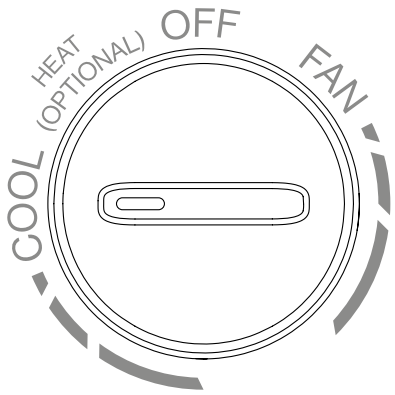
WARNING - FIRE / ELECTRIC SHOCK HAZARD
Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer in this manual. The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater. Do not pierce or burn. Be aware that refrigerants may not contain an odor.

Defrosting & Anti-Freezing Instructions

Frost or even ice formed on part of or the entire evaporator coil is not unusual under certain conditions or below combined conditions:
1. The air conditioner is operating with very cold temperature setting;
2. The air conditioner is operating at very low Fan speed;
3. The air outlet of the air conditioner is obstructed, for example, the shutter of the cool air outlet or the ducts vents are closed, or the filters are obstructed;
4. The ambient temperature is relatively low, e.g. ≤78°F (25.5°C).

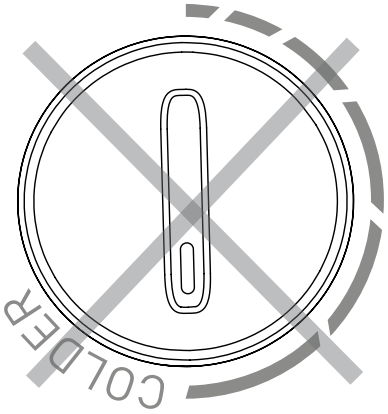
If frosting or icing should occur, please follow below instructions to clean up the frost or ice.

How to clean up frost or ice?



Rotate the operating mode control knob to the "HIGH FAN" mode position (as shown above), and keep the air conditioner running for half an hour. The accumulated frost and ice build-up will melt and drip out of the evaporator coils, allowing the air conditioner to resume normal operation.
WARNING: During the defrosting or anti-freezing process, the frost or ice will melt and might drip down from the trim kit onto the floor or furnitures. Make sure you have prepared protections for your floor or furnitures in advance, or you can use a bucket to collect water.

How to prevent frosting or icing in the air conditioner?



Do not rotate the temperature control knob to the "MAX COOL" position (as shown above) at night to prevent being frozen up.
When the operating control mode knob is in "COOL" mode position, always keep at least 2 duct vents open to prevent being frozen up.
WARNING: The air conditioner could be frozen up when the ambient temperature is relatively low, e.g. ≤78ºF (25.5ºC).

Cleaning and Maintenance

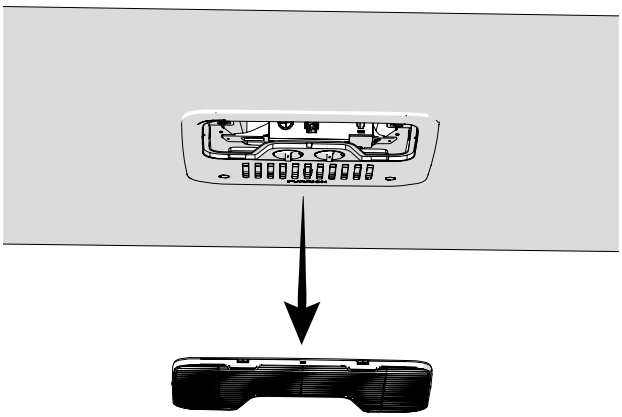
A blocked filter will impair the cooling and heating performance of the unit significantly.
The filter must be cleaned periodically to ensure that it does not become clogged with dust and other particles. The state of the filter can be ascertained from its appearance. If it appears dirty or clogged then it should be cleaned.

WARNING
Airborne particles can pose a health risk, particularly to young children and the elderly. Ensure that filters are cleaned in a safe and well ventilated area.

To Clean the Filter

The filter should be cleaned every four weeks or more when in use. Prolonged use, higher concentrations of airborne particles and various other factors may result in the filters needing to be cleaned more often.

1. Remove the filters by pushing the tabs to release.



2. The filter can be washed with warm soapy water. Care must be taken to avoid ripping the fabric.
3. Replace the filters, decoration plate and control knobs by reversing the above process.

NOTE: The filter must be completely dry before re-installation.

To Replace the Filter

Filter changes should be carried out depending on the amount of use, it is recommended to change at least every 12 months. Never operate the air conditioning system without a filter, since this can decrease performance and indoor air quality.
Replacement return air filters can be ordered directly from Furrion.

To Clean Near the AC

Depending on the degree of exposure as well as location, internal AC components can rust over time, causing condensation dripping from the base pan to leave rust-colored stains on the roof surface. Periodic cleaning with RV roof-safe detergent can remove most of the stains.

Troubleshooting

Problem	Cause	Remedy
Rooftop air conditioner constantly switches itself off	Freeze sensor has tripped	Outer temperature is too low or all air nozzles are closed
Not cooling well	The rooftop air conditioner is not set to cooling	Set the rooftop air conditioner to cooling
	The set temperature is too high	Select a lower temperature
	The evaporator fan is damaged	Contact an authorized service agent or Furrion (see the detail contact info at the back page of this manual)
	The condenser fan is damaged	Contact an authorized service agent or Furrion (see the detail contact info at the back page of this manual)
	The air intake grilles are blocked or obstructed	Remove any leaves and other dirt from the ventilation grilles of the rooftop air conditioner
	The blower is defective	Contact an authorized service agent or Furrion (see the detail contact info at the back page of this manual)
Water enters the vehicle	The condensation water drainage openings are clogged up	Clean the drainage openings for condensation water
	The seals are damaged	Contact an authorized service agent or Furrion (see the detail contact info at the back page of this manual)
Rooftop air conditioner does not switch on	No supply voltage connected	Check the power supply
	The voltage is too low	Contact an authorized service agent or Furrion (see the detail contact info at the back page of this manual)
	Fuse blown or circuit protector tripped	Check the electrical fuse of the power supply

Specifications

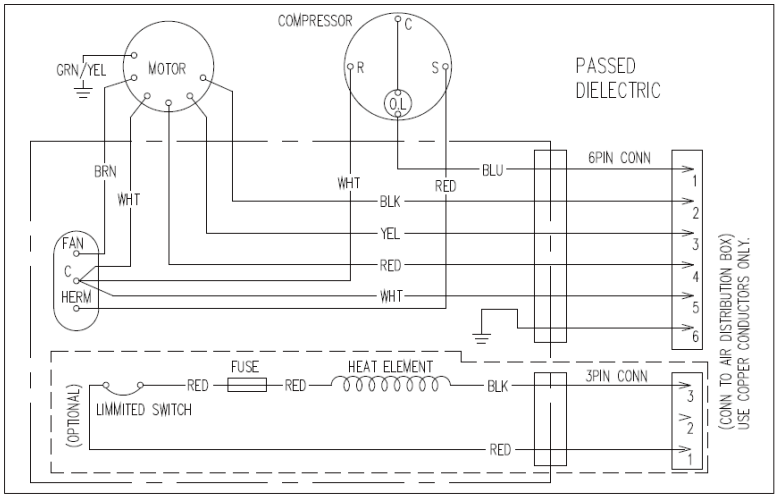
	FACR13HESA2-**	FACR15HESA2-**	FACR10HESA2-**	FACR13LPSA2-**	FACR15LPSA2-**
Nominal BTU (Cooling/Heating)	13,500	15,000	10,000	13,500/13,500	15,000/15,000
Refrigerant	R32	R32	R32	R32	R32
Roof top Unit Dimensions (L x W x H) (inch)	32 1/8" x 29 5/8" x 13 5/8"	32 1/8" x 29 5/8" x 13 5/8"	30 1/4" x 25 5/8" x 11 5/8"	41 1/2" x 29" x 11"	41 1/2" x 29" x 11"
ELECTRICAL					
Volts/Frequency	115V/60Hz/1Ph	115V/60Hz/1Ph	115V/60Hz/1Ph	115V/60Hz/1Ph	115V/60Hz/1Ph
Power Watts (Cooling/Heating)	1,340	1,620	932	1,350/1,500	1,525/1,800
Amps (Cooling/ Heating)	11.3	14.6	8.2	12.3/13.6	13.9/16.4
Circuit Breaker Amps	20	20	15	20	20
Power Cord Gauge Min. (mm2)	AWG12	AWG12	AWG14	AWG12	AWG12
*** Product color*					

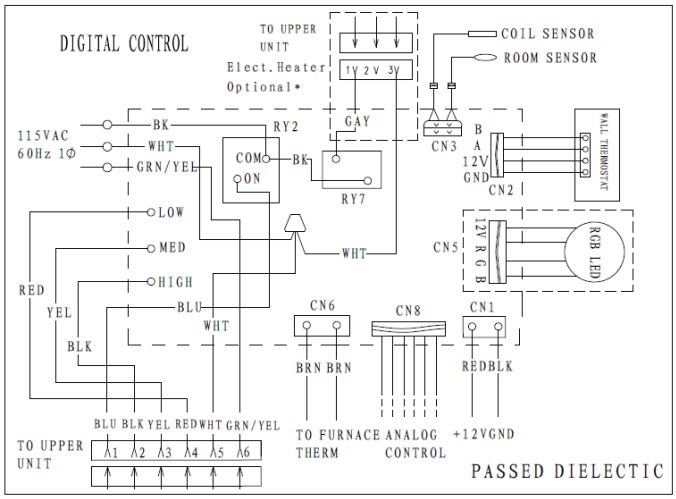
Wiring Diagram

DANGER - ELECTRICAL SHOCK HAZARD

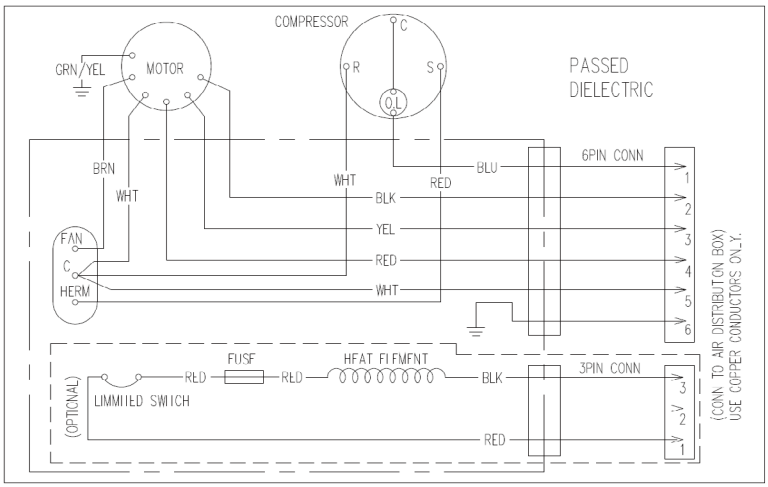
- Disconnect power before servicing. Failure to obey this warning could result in death or serious injury.
- Provide grounding in compliance with all applicable electrical codes. Failure to obey this warning could result in death or serious injury.

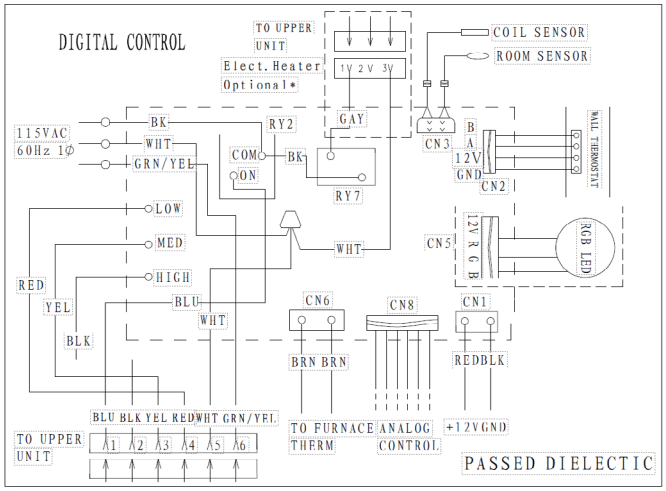
Chill 2 Wiring



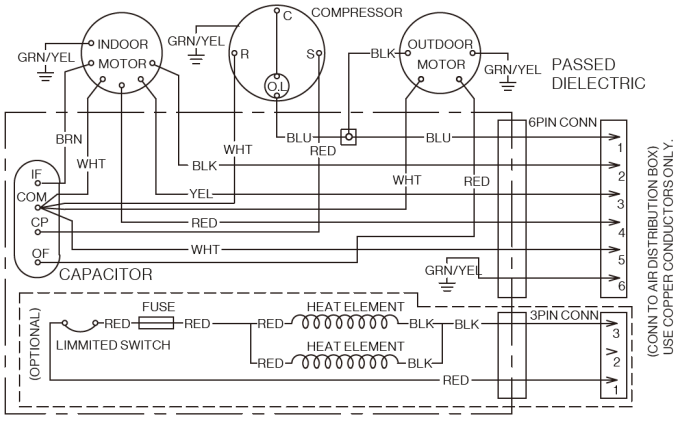


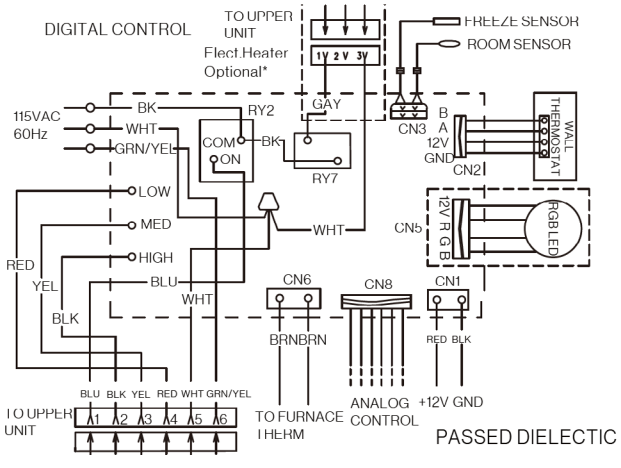
10K Wiring





Low Profile Wiring







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