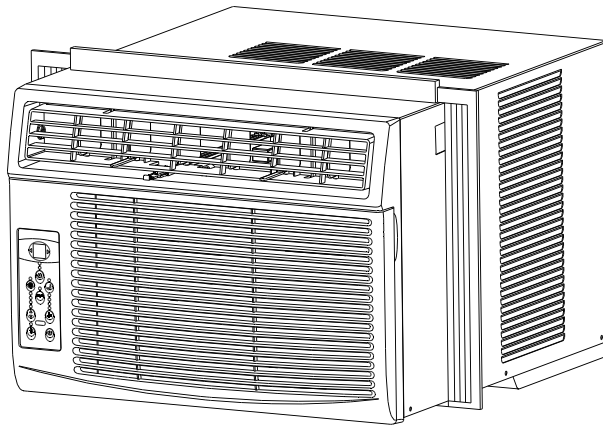




OWNER'S MANUAL

**WINDOW/WALL-TYPE
ROOM AIR CONDITIONER**



**MODEL: OBZ-10ESN
OBZ-12ESN**

For any service needs, call 1-866-277-7878

www.oceanbreezecomfort.com

**Before using this product,
please read the instructions
carefully and keep for future reference.**

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IMPORTANT SAFETY INSTRUCTIONS


















READ THIS MANUAL

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of Troubleshooting Tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

To prevent injury to the user or others, the following instructions must be followed. Improper operation due to ignoring of instructions may cause harm or property damage. Below are definitions for symbols used throughout the manual.

 WARNING	This symbol indicates the possibility of death or serious injury.		
 CAUTION	This symbol indicates the possibility of injury or damage to property.		
	Never do this.		Always do this.

WARNING

 Plug in power plug properly.	 Do not operate or stop the unit by inserting or pulling out the power plug.	 Do not damage or use an unspecified power cord.
<ul style="list-style-type: none"> • Otherwise, this may cause electric shock or fire due to excess heat generation. 	<ul style="list-style-type: none"> • This may cause electric shock or fire due to heat generation. 	<ul style="list-style-type: none"> • This may cause electric shock or fire. • If the power cord is damaged, it must be replaced by the manufacturer or an authorised service center.
 Always install circuit breaker and a dedicated power circuit.	 Do not operate with wet hands or in damp environment.	 Do not point the airflow at room occupants for long periods of time.
<ul style="list-style-type: none"> • Incorrect installation may cause fire and electric shock. 	<ul style="list-style-type: none"> • This may cause electric shock. 	<ul style="list-style-type: none"> • This could be harmful to your health.
 Always ensure effective grounding.	 Do not allow water to touch electric parts.	 Do not modify power cord length or share the outlet with other appliances.
<ul style="list-style-type: none"> • Incorrect grounding may cause electric shock. 	<ul style="list-style-type: none"> • This may cause failure of machine or electric shock. 	<ul style="list-style-type: none"> • This may cause electric shock or fire due to heat generation.
 Unplug the unit if strange sounds, smell, or smoke is detected.	 Do not use the socket if it is loose or damaged.	 Do not open the unit during operation.
<ul style="list-style-type: none"> • This may cause fire and electric shock. 	<ul style="list-style-type: none"> • This may cause fire and electric shock. 	<ul style="list-style-type: none"> • This may cause electric shock.
 Keep firearms away.	 Do not use the power cord close to heating appliances.	 Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
<ul style="list-style-type: none"> • This may cause fire. 	<ul style="list-style-type: none"> • This may cause fire and electric shock. 	<ul style="list-style-type: none"> • This may cause an explosion or fire.
 Ventilate room before operating air conditioner if there is a gas leakage from another appliance.	 Do not disassemble or modify unit.	
<ul style="list-style-type: none"> • This may cause explosion, fire and burns. 	<ul style="list-style-type: none"> • This may cause failure and electric shock. 	

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

- | | | |
|--|---|--|
| <ul style="list-style-type: none">⊘ When the air filter is to be removed, do not touch the metal parts of the unit. <ul style="list-style-type: none">● This may cause an injury. | <ul style="list-style-type: none">⊘ Do not put a pet or house plant where it will be exposed to direct air flow. <ul style="list-style-type: none">● This may cause injury or damage. | <ul style="list-style-type: none">⊘ Ventilate the room well when used together with a stove, etc. <ul style="list-style-type: none">● An oxygen shortage may occur. |
| <ul style="list-style-type: none">⊘ Do not use strong detergent such as wax or thinner, only use a soft cloth. <ul style="list-style-type: none">● Appearance may be deteriorated due to change of product color or scratching of its surface. | <ul style="list-style-type: none">⊘ Do not clean the air conditioner with water. <ul style="list-style-type: none">● Water may enter the unit and degrade the insulation. This may cause an electric shock. | <ul style="list-style-type: none">⊘ Do not use for special purposes. <ul style="list-style-type: none">● Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. This may cause deterioration of quality, etc. |
| <ul style="list-style-type: none">⊘ Stop operation and close the window during a storm or hurricane. <ul style="list-style-type: none">● Operation with windows opened may cause water damage and soaking of household furniture. | <ul style="list-style-type: none">⊘ When the unit is to be cleaned, switch off, and turn off the circuit breaker. <ul style="list-style-type: none">● Do not clean unit when power is on as this may cause fire and electric shock or injury. | <ul style="list-style-type: none">⊘ Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure. <ul style="list-style-type: none">● If bracket is damaged, there is danger of unit falling. |
| <ul style="list-style-type: none">⊘ Always insert the filters securely. Clean filter once every two weeks. <ul style="list-style-type: none">● Operation without filters may cause failure. | <ul style="list-style-type: none">⊘ Hold the plug by the head of the power plug when unplugging. <ul style="list-style-type: none">● This may cause electric shock and damage. | <ul style="list-style-type: none">⊘ Turn off the main power switch when not using the unit for a long time. <ul style="list-style-type: none">● This may cause failure of product or fire. |
| <ul style="list-style-type: none">⊘ Do not place obstacles around air-inlets or inside of air-outlets. <ul style="list-style-type: none">● This may cause failure of appliance or an accident. | <ul style="list-style-type: none">⊘ Do not place heavy objects on the power cord and ensure that the cord is not compressed. <ul style="list-style-type: none">● There is danger of fire or electric shock. | <ul style="list-style-type: none">⊘ Do not drink water drained from air conditioner. <ul style="list-style-type: none">● This contains contaminants and could make you sick. |
| <ul style="list-style-type: none">⊘ Use caution when unpacking and installing. Sharp edges could cause injury. | <ul style="list-style-type: none">⊘ If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate power supply by taking the power-plug out and contact a qualified service technician. | |

CAUTION

- This appliance is not intended for use by persons with reduced physical, sensor or mental capabilities, unless they are supervised by a responsible adult or considered capable enough to operate the appliance safely.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance should be installed in accordance with local wiring regulations.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- Contact the authorised service technician for repair or maintenance of this unit.
- Contact the authorised installer for installation of this unit if you can't do it by yourself.

IMPORTANT SAFETY INSTRUCTIONS

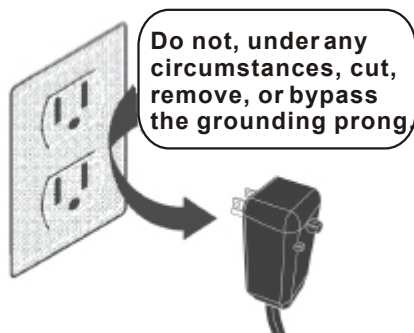
NOTE:

The power supply cord with this air conditioner contains a current detection device designed to reduce the risk of fire. Please refer to the section 'Operation of Current Detection Device' for details. In the event that the power cord is damaged and cannot be repaired, it must be replaced with a replacement from the Product Manufacturer.

WARNING

Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

Grounding type wall receptacle



Power supply cord with 3-prong grounding plug and current detection device

WARNING

For Your Safety

Do not use gasoline or store any other flammable vapors and liquids in the vicinity of this or any other appliance.

WARNING

Prevent Accidents

To reduce the risk of fire, electrical shock, or injury to persons when using your air conditioner, follow basic precautions, including the following:

- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
- If the air conditioner is to be installed in a window, you will probably want to clean both sides of the glass first. If the window is a triple-track type with a screen panel included, remove the screen completely before installation.
- Be sure the air conditioner has been securely and correctly installed according to the installation instructions in this manual. Save this manual for possible future use in removing or installing this unit.
- When handling the air conditioner, be careful to avoid getting cut from sharp metal fins on front and rear coils.

WARNING

Electrical Information

To reduce the risk of fire, electrical shock, or injury to persons when using your air conditioner, follow basic precautions, including the following:

- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle. Ensure the receptacle is accessible after the unit installation.
- Do not run air conditioner without side protective cover in place. This could result in mechanical damage within the air conditioner.
- **Do not use an extension cord or an adaptor plug.**

Operation of Current Detection Device (This only applies to units with current detection device)

The power supply cord contains a current detection device that senses damage to the power cord. To test your power supply cord do the following:

1. Plug in the Air Conditioner.
2. The power supply cord will have TWO buttons on the plug head. Press the TEST button and you will notice a click as the RESET button pops out.
3. Press the RESET button again and you will notice a click as the button engages.
4. The power supply cord is now supplying electricity to the unit. (On some products this is also indicated by a light on the plug head.)

NOTE:

- Do not use the current detection device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply must be replaced if it fails to reset when either the TEST button is pushed or it cannot be reset. A new one can be obtained from the product manufacturer.
- If power supply cord is damaged and cannot be repaired. It **MUST** be replaced by the product manufacturer.

NOTE: This air conditioner is designed to be operated under normal temperature conditions as follows:

Cooling operation	Outdoor temp:	64-109°F/18-43°C (64-125°F/18-52°C for special tropical models)
	Indoor temp:	62-90°F/17-32°C

Note: Performance may decrease outside of these operating temperature ranges.

INSTALLATION INSTRUCTIONS

BEFORE YOU BEGIN

Read these instructions completely and carefully.

IMPORTANT- Save these instructions for local inspector's use.

IMPORTANT- Observe all governing codes and ordinances.

Note to Installer- Be sure to leave these instructions with the Consumer.

Note to Consumer- Keep these instructions for future reference.

Skill level- Installation of this appliance requires basic mechanical skills.

Completion time- Approximately 1 hour. We recommend that two people install this product.

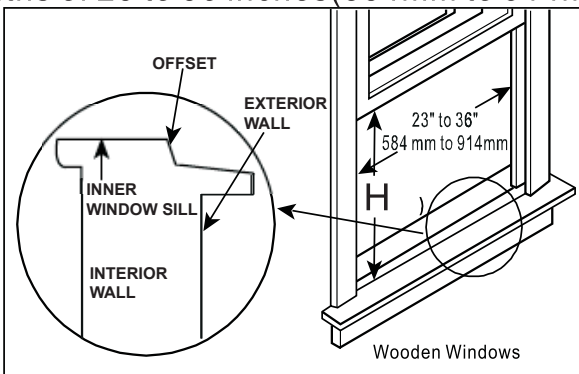
Proper installation is the responsibility of the installer.

Product failure due to improper installation is not covered under the Warranty.

You **MUST** use all supplied parts and use proper installation procedures as described in these instructions when installing this air conditioner.

WINDOW REQUIREMENTS

Your air conditioner is designed to install in standard double hung windows with opening widths of 23 to 36 inches (584mm to 914mm).



Model	5000~8000Btu/h	10000~12000Btu/h
H	14"(356mm)	15-1/2"(394mm)

Table 1

CAUTION

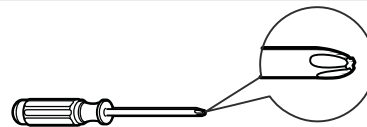
Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

Do not change the plug on the power cord of the air conditioner.

Aluminum house wiring may present special problems- consult a qualified electrician.

When handling unit, be careful to avoid getting cuts from sharp metal edges and aluminum fins on front and rear coils.

TOOLS YOU WILL NEED



Screwdriver



Level

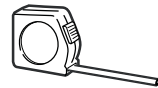
TOOLS YOU MAY USE



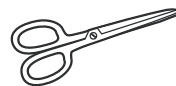
Screwdriver



Pencil



Ruler or tape measure



Scissors or knife

NOTE:

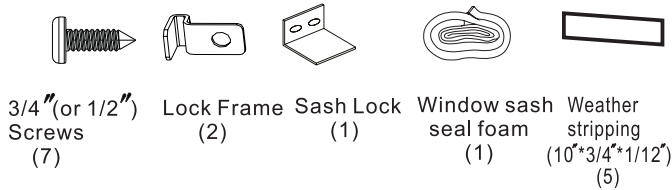
Save Carton and Installation Instructions for future reference. The carton is the best way to store unit during winter or when not in use.

INSTALLATION INSTRUCTIONS

1 PREPARE THE WINDOW

Lower sash must open sufficiently to allow a clear vertical opening(H)of the following size (see Table 1). Side louvers and the rear of the AC must have clear air space to allow enough airflow through the condenser for heat removal. The rear of the unit must be outdoors, not inside a building or garage.

Mounting Hardware



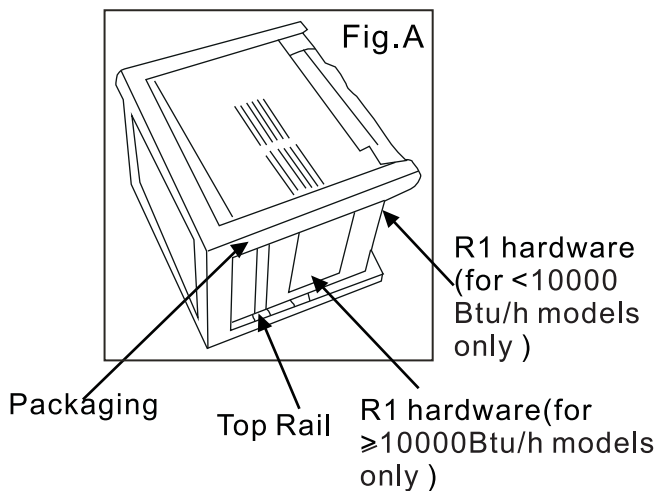
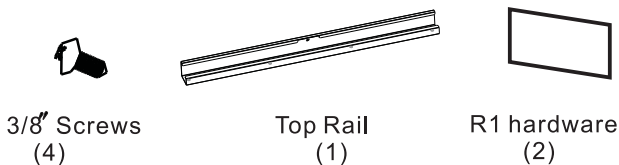
NOTE: Weather stripping is only for Energy star models.

2 PREPARE AIR CONDITIONER

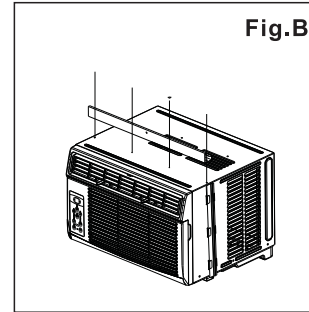
A: Remove the air conditioner from the carton and place on a flat surface.

B: Remove top rail and R1 hardware (R1 hardware only for Energy star models) from the packaging material as shown in Fig. A.

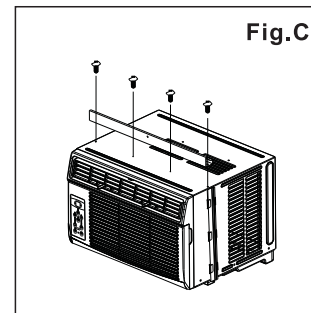
Top Rail Hardware



C: Align the hole in the top rail with those in the top of the unit as shown in Fig.B



D: Secure the top rail to the unit with the 3/8 inch Screws as shown in Fig.C.

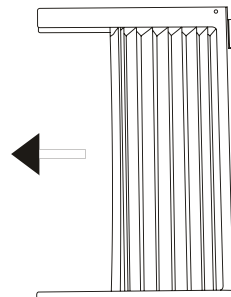


NOTE: For safety reasons, all four(4) screws MUST be securely fastened.

NOTE: The top rail hardware and Fig.A, Fig.B and Fig.C are not applicable to the units more than 10000Btu/h. Before installing unit, the top rail must be assembled on the unit (For <10000Btu/h models only).

3 INSTALL THE ACCORDION PANELS

NOTE: Top rail and Sliding Panels at each side are offset to provide the proper pitch to the rear of (5/16 inch). This is necessary for proper condensed water utilization and drainage. If you are not using the Side Panels for any reason, this pitch to the rear must be maintained.



A. Place unit on floor, a bench or a table. Hold the Accordion Panel in one hand and gently pull back the center to free the open end. See Fig.1

INSTALLATION INSTRUCTIONS

B. Slide the free end " I " section of the panel directly into the cabinet as shown in Fig. 2. Slide the panel down. Be sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet.

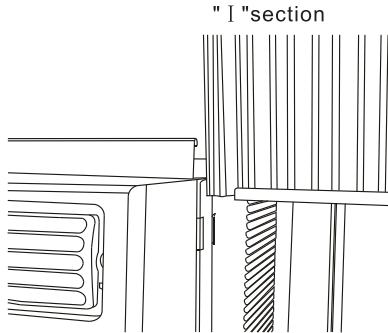


Fig.2

C. Once the panel has been installed on the side of the cabinet, make sure it sits securely inside the frame channel by making slight adjustments. Slide the top and bottom ends of the frame into the top and bottom rails of the cabinet. Fig.3.

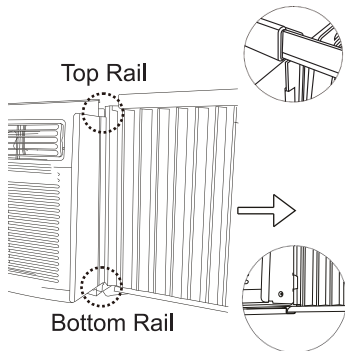


Fig.3

D. Slide the panel all the way in and repeat on the other side.

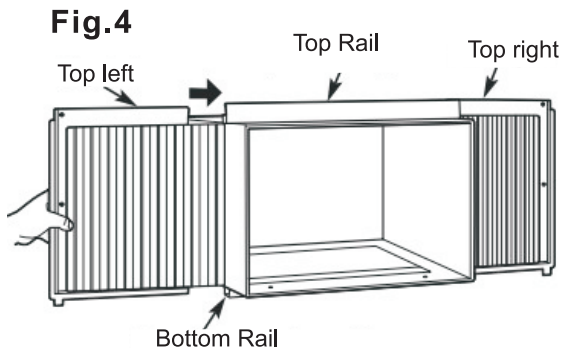
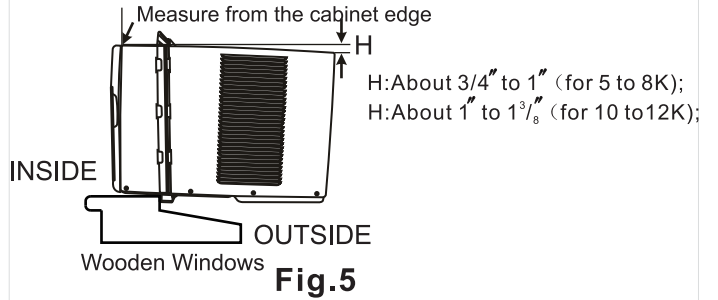


Fig.4

NOTE: If storm window blocks AC, see Fig. 15.

4 SECURE THE ACCORDION PANELS

A. Keep a firm grip on the air conditioner and carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig.5). Carefully close the window behind the top rail of the unit.



NOTE: Check that air conditioner is tilted back about H (Fig.5)(tilted about 3° to 4° downward to the outside). After proper installation, condensation should not drain from the overflow drain hole during normal use. Correct the slope otherwise.

B. Extend the side panels out against the window frame (Fig.6).

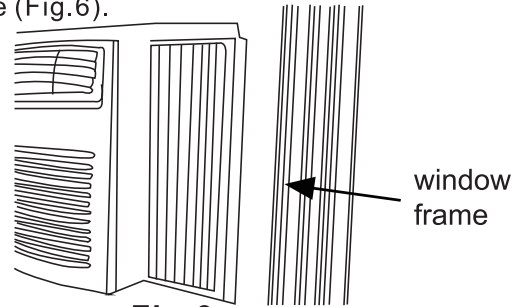


Fig.6

5 INSTALL SUPPORT BRACKET

A. Place the frame lock between the frame extensions and the window sill as shown(Fig.7). Drive 3 / 4 " (19mm) or 1 / 2 " (12.7mm) locking screws through the frame lock and into the sill .

NOTE: To prevent window sill from splitting, drill 1 / 8 " (3mm) pilot holes before driving screws.

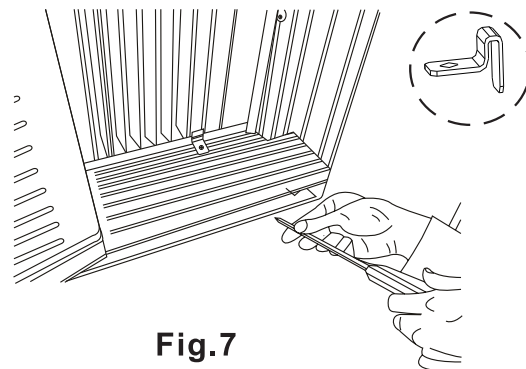


Fig.7

INSTALLATION INSTRUCTIONS

B. Drive 3/4" (19mm) or 1/2" (12.7mm) locking screws through frame holes into window sash (Fig.8).

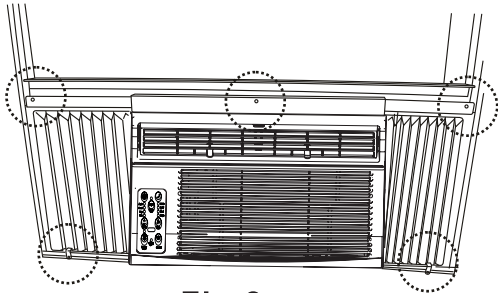


Fig.8

C. To secure lower sash in place, attach right angle sash lock with 3/4" (19mm) or 1/2" (12.7mm) screw as shown (Fig.9).



Fig.9

D. Cut Window sash seal foam and insert it in the space between the upper and lower sashes (Fig.10).

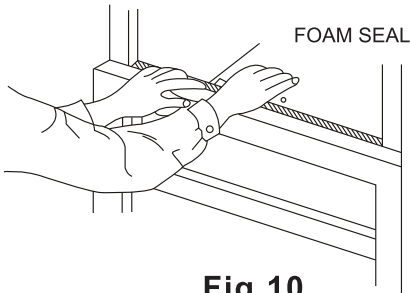


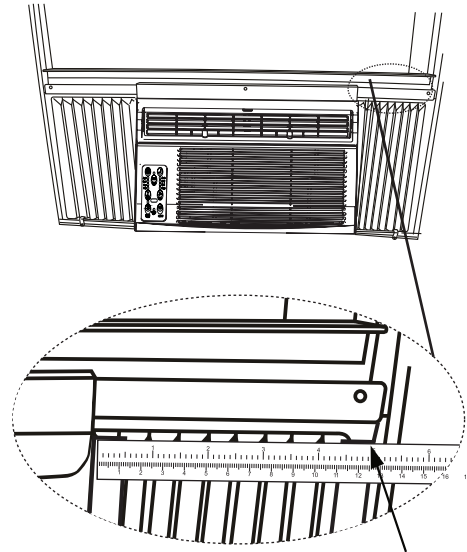
Fig.10

6 INSTALL R1 HARDWARE (only be applicable to Energy star models)

In order to minimize air leaks and ensure optimal insulation, it is necessary to install the included R1 hardware to the side curtain. Follow the instructions below.

Step 1. After the unit is installed to the window, measure the inner width of the side curtain as shown (Fig.11).

Step 2. Remark a line on the provide R1 insulation panel according to a length 1/8" (3mm) less than the width measured in step 1, then cut the R1 insulation panel along the line (Fig.12).



Measure the inner width of the side curtain

Fig.11

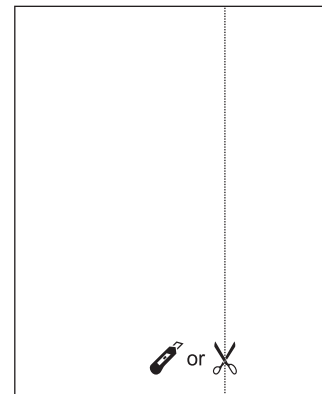


Fig.12

Step 3. Slide the R1 insulation panel into the side curtain, the side with pattern should facing the indoor side. (Fig.13).

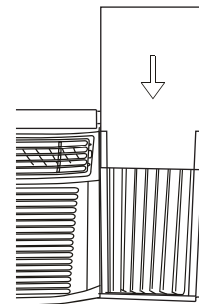


Fig.13

Step 4. Repeat on the other side.

INSTALLATION INSTRUCTIONS

7 INSTALL WEATHER STRIPPING (only be applicable to Energy star models)

In order to minimize air leaks between the room air conditioner and the window opening, trim the weather stripping with a proper length, peel off the protective backing and plug any gaps if needed (Fig.14).

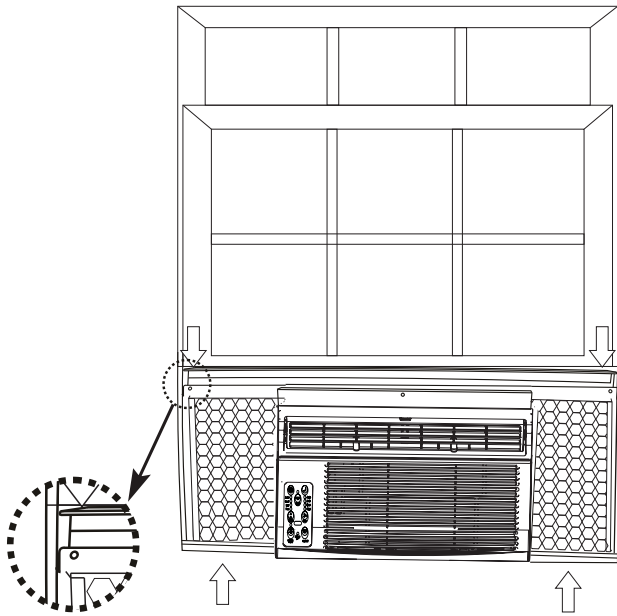


Fig.14

If AC is Blocked by Storm Window

Add wood as shown in Fig.15, or remove storm window before air conditioner is installed.

If Storm Window Frame must remain, be sure the drain holes or slots are not caulked or painted shut. Accumulated Rain Water or Condensation must be allowed to drain out.

Removing AC From Window

Turn AC off, and disconnect power cord.

Remove sash seal from between windows, and unscrew safety sash lock.

Remove screws installed through frame and frame-lock.

Remove the R1 Panel and close (slide) side panels into frame.

Keeping a firm grip on air conditioner, raise sash and carefully remove.

Be careful not to spill any remaining water while lifting unit from window. Store parts WITH air conditioner.

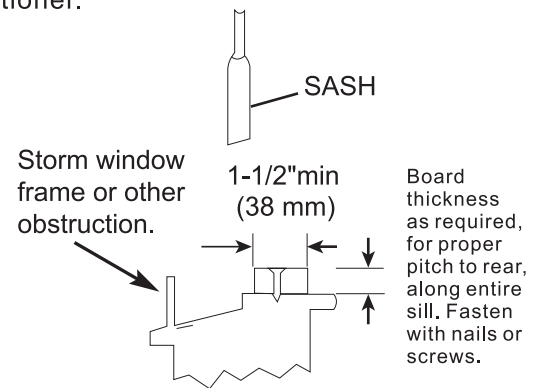
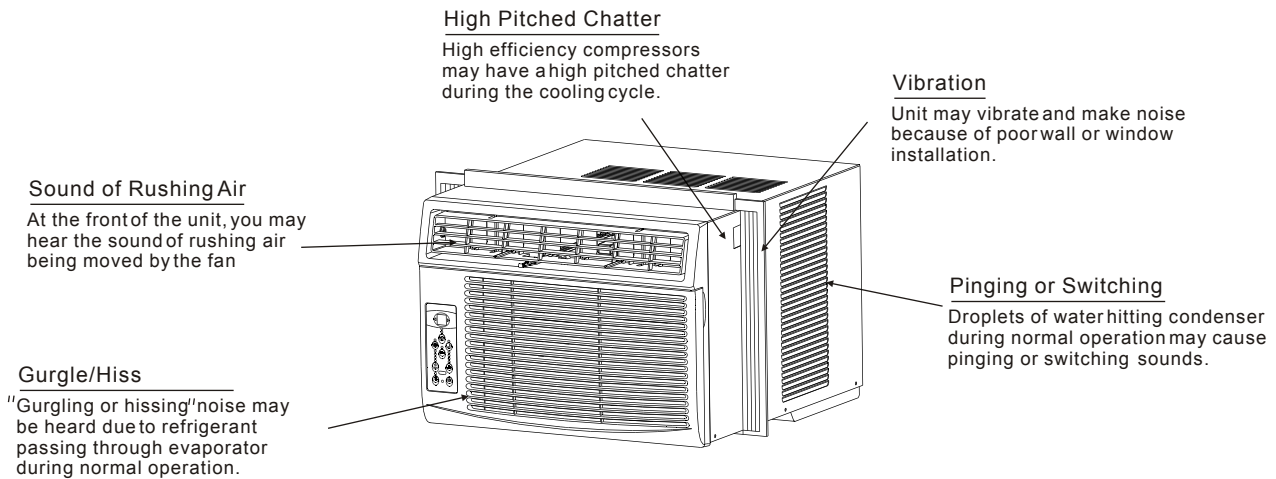


Fig.15

NORMAL SOUNDS



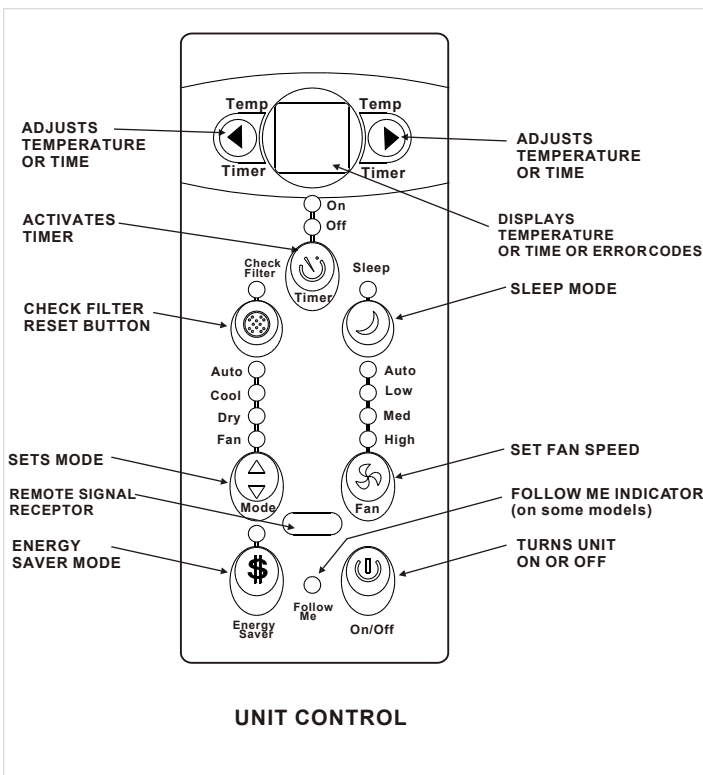
NOTE:

All the illustrations in this manual are for explanation purposes only. The air conditioner you have may be slightly different.

AIR CONDITIONER FEATURES

ELECTRONIC CONTROL OPERATING INSTRUCTIONS

Before you begin, thoroughly familiarize yourself with the control panel as shown below and all its functions, then follow the symbol for the functions you desire. **The unit can be controlled by the unit control alone or with the remote.**



TO TURN UNIT ON OR OFF:

Press **⏻ ON/OFF** button to turn unit on or off.

NOTE: The unit will initiate the Energy Saver function automatically under Cool, Dry, Auto (only Auto-Cooling) and Auto-Fan) modes.


TO CHANGE TEMPERATURE SETTING:

Press **⏮ / ⏭ UP/DOWN** button to change temperature setting.


NOTE: Press or hold either UP (⏭) or DOWN (⏮) button until the desired temperature is shown on the display. This temperature will be automatically maintained anywhere between 62°F (17°C) and 86°F (30°C). If you want the display to show the actual room temperature, see "To Operate on Fan Only" section.

AIR CONDITIONER FEATURES


TO ADJUST FAN SPEEDS:

Press  to select the Fan Speed in four steps-Auto, Low, Med or High. Each time the button is pressed, the fan speed mode is shifted. On Dry mode, the fan speed is controlled at Low automatically.


SLEEP FEATURE:

Press  Sleep button to initiate sleep mode. In this mode the selected temperature will increase by 2°F/1(or 2)°C 30 minutes after the mode is selected. The temperature will gradually adjust the temperature by 2 degrees in one hour to save energy at a comfortable temperature. This new temperature will be maintained for 6 hours before it returns to the originally selected temperature. This ends the Sleep mode and the unit will continue to operate as originally programmed. The Sleep mode program can be cancelled at any time during operation by pressing the Sleep button again.

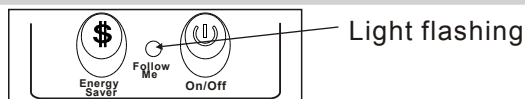
CHECK FILTER FEATURE:

Press  Check filter button to initiate this feature. This feature is a reminder to clean the Air Filter for more efficient operation. The LED(light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the Check Filter button and the light will go off.

ENERGY SAVER FEATURE:

Press  Energy saver button to initiate this function. This function is available on COOL, DRY, AUTO (only AUTO-COOLING and AUTO-FAN) modes. The fan will continue to run for 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns back on and Cooling starts.


FOLLOW ME FEATURE:(on some models)



This feature can be activated from the remote control ONLY. The remote control serves as a remote thermostat allowing for the precise temperature control at its location.

To activate the Follow Me feature, point the remote control towards the unit and press the Follow Me button. The remote will display the actual temperature at its location. The remote control will send this signal to the air conditioner at every 3 minute interval until you press the Follow Me button again. If the unit does not receive the Follow Me signal during 7 minute interval, the unit will beep to indicate the Follow Me mode has ended.

TO SELECT THE OPERATING MODE:

To choose operating mode, press  Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool, Dry and Fan. The indicator light will illuminate and remain on once the mode is selected.

The unit will automatically initiate the Energy Saver function under Cool, Dry, Auto (only Auto-Cooling and Auto-Fan) modes.

To operate on Auto feature:

- When you set the air conditioner in AUTO mode, it will automatically select cooling or fan only operation depending on the temperature you have selected and the room temperature.
- The air conditioner will automatically adjust around the temperature point set by you.
- In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature.


To operate on Fan Only:

- Use this function only when cooling is not desired, such as for room air circulation or to exhaust stale air (on some models). (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.) You can choose any fan speed you prefer.
- During this function, the display will show the actual room temperature, not the set temperature as in the cooling mode.
- In Fan only mode, the temperature is not adjusted.

To operate on Dry mode:

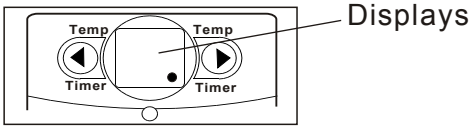
- In this mode, the air conditioner will generally operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.

TIMER: AUTO START/STOP FEATURE:

- When the unit is on or off, first press  Timer button, the TIMER ON indicator light will illuminate. This indicates the Auto Start program is initiated.
- When the time of TIMER ON is displayed, press the Timer button again, and the TIMER OFF indicator light will illuminate. This indicates the Auto Stop program is initiated.
- Press or hold the UP or DOWN button to change the Auto time by half hour/hour increments up to 24 hours. The control will count down the time remaining until start.
- The selected time will register in 5 seconds, and the system will automatically revert back to display the previous temperature setting or room temperature when the unit is on. (when the unit is off, there is no display.)
- Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop timed program.

AIR CONDITIONER FEATURES

DISPLAYS:



DISPLAYS:

Shows the set temperature in " °C" or " °F" and the Auto-timer settings. While on Fan only mode, it shows the room temperature.

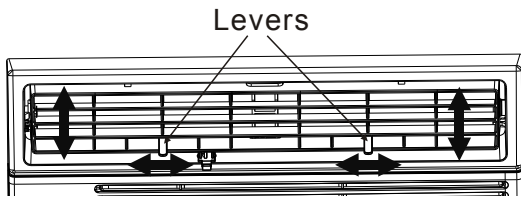
Error codes:

- AS**-Room temperature sensor error-Unplug the unit and plug it back in. If error repeats, call for service.
NOTE: In Fan only mode, it will display "LO" or "HI".
- -Evaporator temperature sensor error-Unplug the unit and plug it back in. If error repeats, call for service.
NOTE: "•" is displayed as shown in the above picture.
- HS** -Electric heating sensor error-Unplug the unit and plug it back in. If error repeats, call for service.

NOTE:

If the unit breaks off unexpectedly due to the power outage, it will restart with the previous function setting automatically when the power resumes.

Air Directional Louvers



Air Direction

The louvers will allow you to direct the air flow Up or Down (on some models) and Left or Right throughout the room as needed. Pivot the horizontal louvers until the desired Up/Down direction is obtained.

Move the Levers from side to side until the desired Left/Right direction is obtained.

ADDITIONAL THINGS YOU SHOULD KNOW

Now that you have mastered the operating procedure, here are more features in your control that you should become familiar with.

- The Cool circuit has an automatic 3 minutes delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.
- The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Left and Right Temp/Timer buttons at the same time for 3 seconds.

Fresh Air Vent Control

(on 10000~12000Btu/h models):

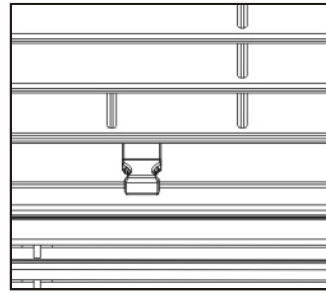


Fig. A (VENT CLOSED)

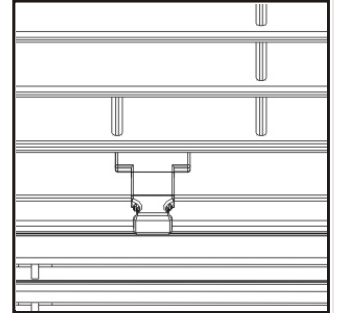


Fig. B (VENT OPEN)

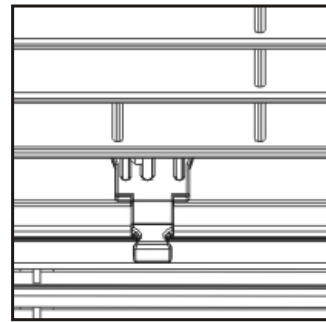


Fig. C (VENT & EXHAUST OPEN)

The Fresh Air Vent allows the air conditioner to:

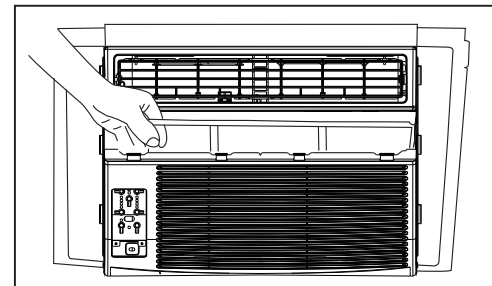
1. Recirculate the air inside - Vent Closed (See Fig.A)
2. Draw fresh air into the room- Vent Open (see Fig.B)
3. Exchange air from the room and draw fresh air into the room - Vent and Exhaust Open (see Fig.C)

CARE AND CLEANING

CAUTION

Clean your air conditioner occasionally to keep it looking new. **Be sure to unplug the unit before cleaning to prevent shock or fire hazards.**

Air Filter Cleaning



The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

CARE AND CLEANING

Air Filter Cleaning

- Push the vent handle to the Vent Closed position (where applicable). Open the front panel.
- Take the filter by the center and pull up and out.
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly. Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing. Or, instead of washing you may vacuum the filter clean.

Note: Never use hot water over 40°C(104°F) to clean the air filter. Never attempt to operate the unit without the air filter.

Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry.
- Never use harsh cleaners, wax or polish on the cabinet front.
- Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.
- Plug in air conditioner.

Winter Storage

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workman-ship or materials in this appliance.

Problem	Solution
Air conditioner does not start	<i>Wall plug disconnected. Push plug firmly into wall outlet.</i>
	<i>House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.</i>
	<i>Current Detection Device on the power plug may have tripped. Press the RESET button.</i>
	<i>Power is OFF. Turn power ON.</i>
Air from unit does not feel cold enough	<i>Room temperature below 62°F(17°C). Cooling may not occur until room temperature rises above 62°F(17°C).</i>
	<i>Temperature sensor behind air filter element touching cold coil. Keep away from the cold coil.</i>
	<i>Set to a Lower temperature.</i>
	<i>Compressor stopped when changing modes. Wait for 3 minutes after set to the COOL mode.</i>
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	<i>Outdoor temperature below 64°F(18°C). To defrost the coil, set FAN ONLY mode.</i>
	<i>Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.</i>
	<i>Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a Higher setting.</i>

TROUBLESHOOTING TIPS

Problem	Solution
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	<i>Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.</i>
	<i>Temperature is set too high, set temperature to a lower setting.</i>
	<i>Air directional louvers positioned improperly. Position louvers for better air distribution.</i>
	<i>Front of unit is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.</i>
	<i>An open door, window, or register may allow cold air to escape. Close any doors, windows, or registers.</i>
	<i>The room may be too warm. Allow additional time to remove "Stored heat" from walls, ceiling, floor and furniture.</i>
Air conditioner turns on and off rapidly	<i>Dirty air filter- air restricted. Clean air filter.</i>
	<i>Outside temperature extremely hot. Set FAN speed to a Higher setting to bring air past cooling coils more frequently.</i>
Noise when unit is cooling	<i>Air movement sound. This is normal . If too loud, set to a slower FAN setting.</i>
	<i>Window vibration - poor installation. Refer to installation instructions or check with installer.</i>
Water dripping INSIDE when unit is cooling.	<i>Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.</i>
Water dripping OUTSIDE when unit is cooling.	<i>Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.</i>
Remote Sensing Deactivating Prematurely (some models)	<i>Remote control not located within range. Place remote control within 20 feet and pointed in the general direction of the air conditioner unit.</i>
	<i>Remote control signal obstructed. Remove obstruction.</i>
Room too cold	<i>Set temperature too low. Increase set temperature.</i>

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.