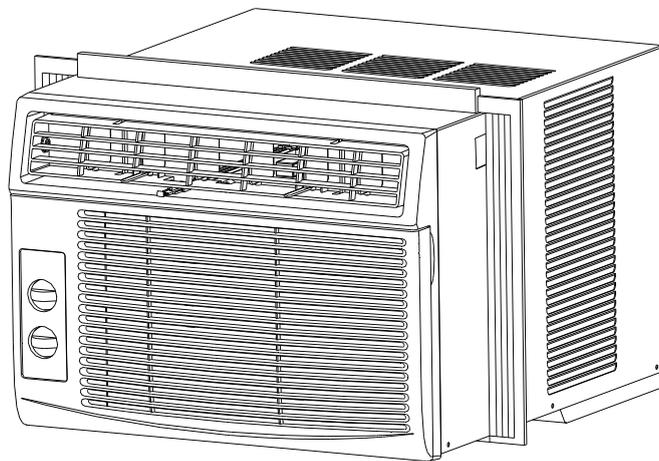




# **OWNER'S MANUAL**

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



**MODEL: OBZ-05CM**

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

[www.oceanbreezecomfort.com](http://www.oceanbreezecomfort.com)

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

## 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 Troubleshooting Tips section (page 10).

### CAUTION

- This appliance is not intended for use by children or persons with reduced physical sensory 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 national wiring regulations.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- Contact the authorized service technician for repair or maintenance of this unit or for problems installing the unit.

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# IMPORTANT SAFETY INSTRUCTIONS

## READ THIS MANUAL

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.

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

### **WARNING**

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

# IMPORTANT SAFETY INSTRUCTIONS

## CAUTION

⊘ When the air filter is to be removed, do not touch the metal parts of the unit.

● This may cause an injury.

⊘ Do not use strong detergent such as wax or thinner, only use a soft cloth.

● Appearance may be deteriorated due to change of product color or scratching of its surface.

⊘ Stop operation and close the window during a storm or hurricane.

● Operation with windows opened may cause water damage and soaking of household furniture.

⊘ Always insert the filters securely. Clean filter once every two weeks.

● Operation without filters may cause failure.

⊘ Do not place obstacles around air-inlets or inside of air-outlets.

● This may cause failure of appliance or accident.

⊘ Use caution when unpacking and installing. Sharp edges could cause injury.

⊘ Do not put a pet or house plant where it will be exposed to direct air flow.

● This could injure the pet or plant.

⊘ Do not clean the air conditioner with water.

● Water may enter the unit and degrade the insulation. This may cause an electric shock.

⊘ When the unit is to be cleaned, switch off, and turn off the circuit breaker.

● Do not clean unit when power is on as this may cause fire and electric shock or injury.

⊘ Hold the plug by the head of the power plug when unplugging.

● This may cause electric shock and damage.

⊘ Do not place heavy objects on the power cord and ensure that the cord is not compressed.

● There is danger of fire or electric shock.

⊘ 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.

⊘ Ventilate the room well when used together with a stove, etc.

● An oxygen shortage may occur.

⊘ Do not use for special purposes.

● Do not use this air conditioner to preserve precision devices, food, pets, plants, art objects. This may cause deterioration of quality, etc.

⊘ Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.

● If bracket is damaged, there is danger of unit falling.

⊘ Turn off the main power switch when not using the unit for a long time.

● This may cause failure of product or fire.

⊘ Do not drink water drained from air conditioner.

● This contains contaminants and could make you sick.

# IMPORTANT SAFETY INSTRUCTIONS

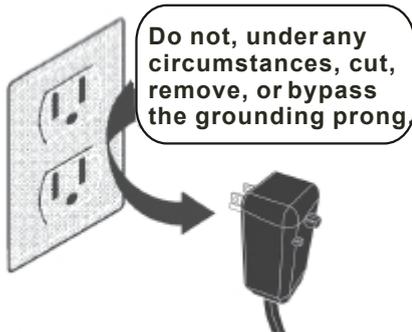
## NOTE:

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 supply 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' (Applicable only to certain units with current detection device plug)

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, you will notice a click as the RESET button pops out.
3. Press the RESET button, again 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.
- If power supply cord is damaged and cannot be repaired, it MUST be replaced with a replacement from 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 normal operating temperatures.

# 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.

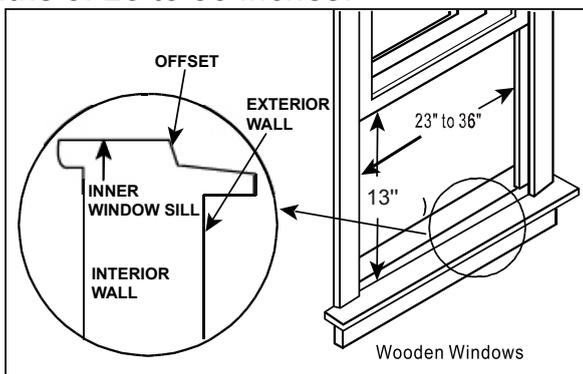
Proper installation is the responsibility of the installer.

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.



## CAUTION

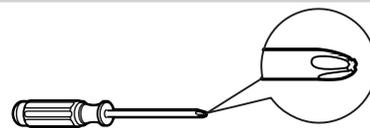
Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

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 these 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 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.

<b>Model</b>	5,000 BTU/Hour	10,000 ~ 12,000 BTU/Hour
<b>Height</b>	13" (330mm)	15 1/2" (394mm)

**Table 1**

## 2 PREPARE AIR CONDITIONER

1. Remove the air conditioner from the carton and place on a flat surface.
2. Remove top rail from the packaging material as shown in Fig. A.

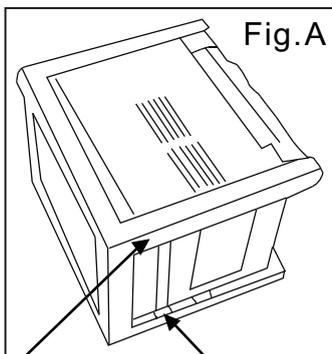
### Top Rail Hardware



3/8" Screws  
(4)



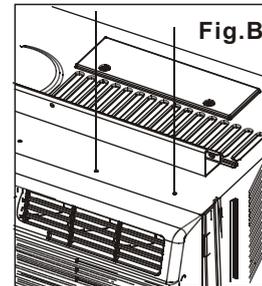
Top Rail  
(1)



**Fig.A**

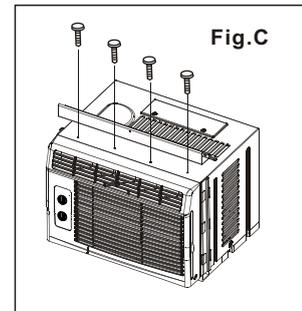
Packaging Top Rail

3. Align the hole in the top rail with those in the top front of the unit as shown in Fig.B



**Fig.B**

4. Secure the top rail to the unit with the 3/8" Screws as shown in Fig.C.

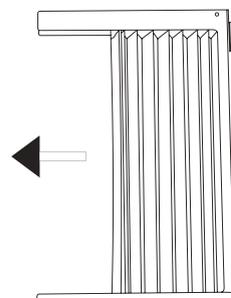


**Fig.C**

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

## 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"). This is necessary for proper condensed water collection and drainage. If you are not using the Side Panels for any reason, this pitch to the rear must be maintained.

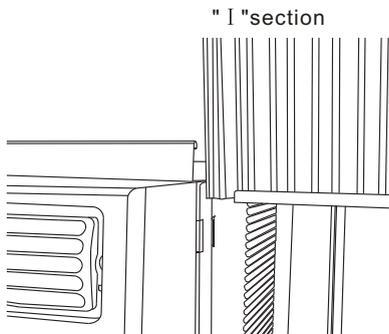


1. Place unit on floor, a bench or a table. Hold the Accordion Panel in one hand and gently pull back the center to free the open end. See Fig.1

**Fig.1**

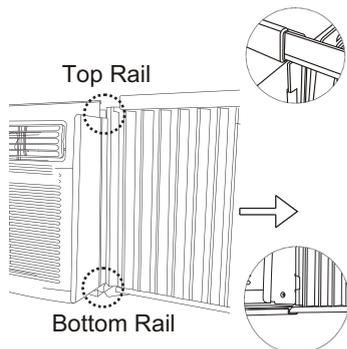
# INSTALLATION INSTRUCTIONS

- 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.



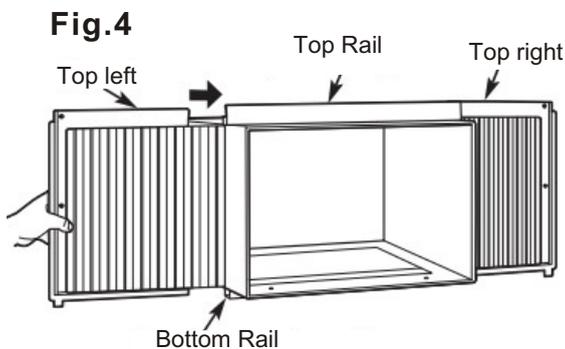
**Fig.2**

- 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**

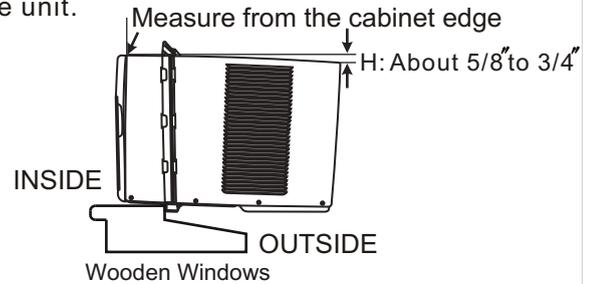
- Slide the panel all the way in and repeat on the other side.



**NOTE:** If storm window blocks AC, see Fig. 11.

## 4 SECURE THE ACCORDION PANELS

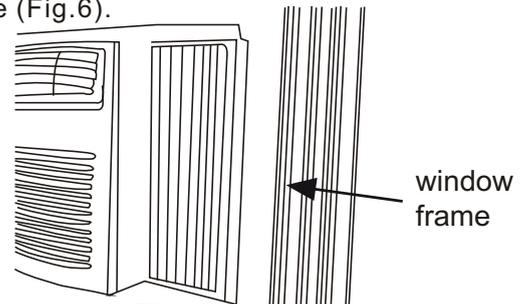
- Keep a firm grip on the air conditioner, carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig.5). Carefully close the window behind the top rail of the unit.



**Fig.5**

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

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

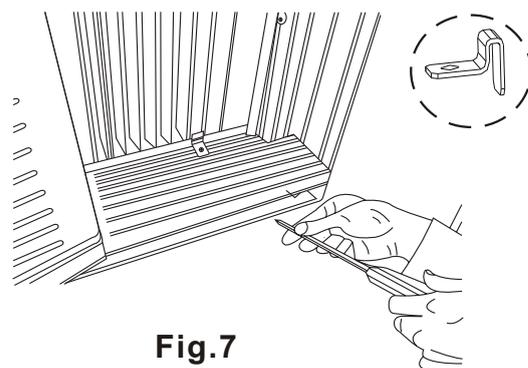


**Fig.6**

## 5 INSTALL SUPPORT BRACKET

- 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.

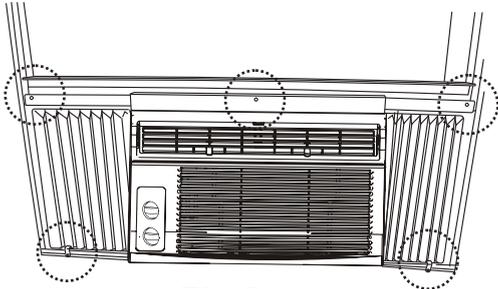
**NOTE:** To prevent window sill from splitting, drill  $1/8$ " (3mm) pilot holes before driving screws.



**Fig.7**

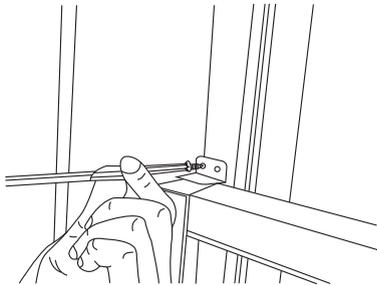
# INSTALLATION INSTRUCTIONS

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



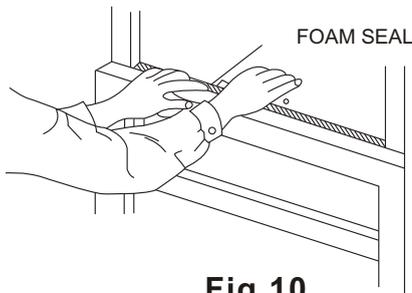
**Fig.8**

3. 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**

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



**Fig.10**

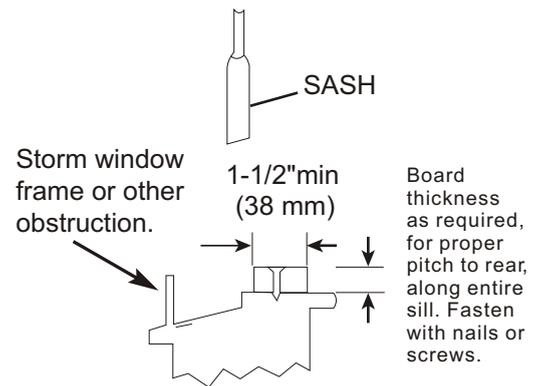
## If AC is Blocked by Storm Window

Add wood as shown in Fig.11, 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.
- ◆ 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.11**

## NORMAL SOUNDS

### High Pitched Chatter

High efficiency compressors may have a high pitched chatter during the cooling cycle.

### Vibration

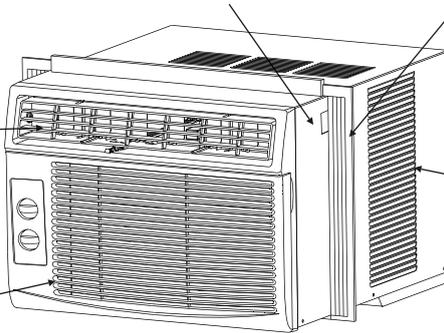
Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

### Sound of Rushing Air

At the front of the unit, you may hear the sound of rushing air being moved by the fan

### Gurgle/Hiss

"Gurgling or hissing" noise may be heard due to refrigerant passing through evaporator during normal operation.



### Pinging or Switching

Droplets of water hitting condenser during normal operation may cause "pinging or switching" sounds.

## NOTE:

*All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different.*

## AIR CONDITIONER FEATURES

### WARNING

To reduce the risk of fire, electric shock, or injury, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.

### CAUTION

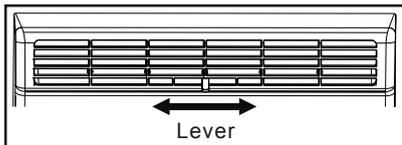
Always wait 3 minutes when turning unit off and then on again, and when changing from cool to fan and back to cool. This prevents compressor from overheating & possible circuit breaker tripping.

### To begin operating the air conditioner, follow these steps:

1. Set the thermostat to the highest number (coldest or cooler setting).
2. Set the selector control to the highest COOL setting.
3. Adjust the louver for comfortable air flow (see Air Directional Louvers).
4. Once the room has cooled, adjust the thermostat to the setting you find most comfortable.
5. Make sure that the air flow inside and outside are not obstructed by anything.

### Air Directional Louvers

#### Air Directional Louvers

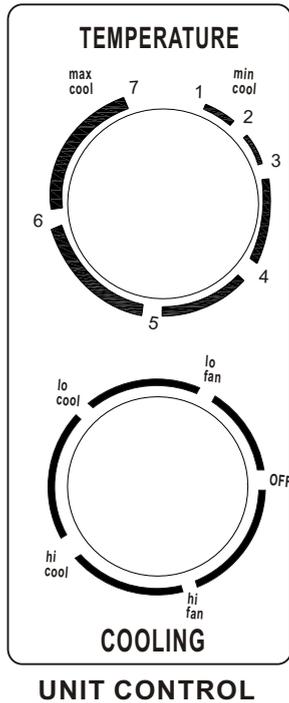


Air Direction

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 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.

# AIR CONDITIONER FEATURES



## NOTE:

The controls featured in this manual are representative of many available models. Your model may offer slightly different features.

### Cool Mode

The desired cool setting is selected by rotating the knob to the right to the appropriate location.

**HI COOL** has maximum cooling effect and airflow.

**LO COOL** has minimum cooling effect and airflow.

### Fan Mode

Rotate the knob to the left to select your choice of fan speeds for air circulation.

**NOTE:** When selecting a fan speed, the compressor will not run.

### Thermostat

The thermostat is used to set the desired room temperature when the unit is being operated in the **COOL MODE**.

To set the desired room temperature, rotate the thermostat switch to the desired setting. After the set temperature is achieved the thermostat will automatically start and stop the compressor in order to maintain the desired set temperature.

Rotate the thermostat selector clockwise for higher cool settings. Higher cool settings will provide lower room temperature. Rotate the thermostat selector counter clockwise for lower cool settings. Lower cool settings will provide higher room temperature.

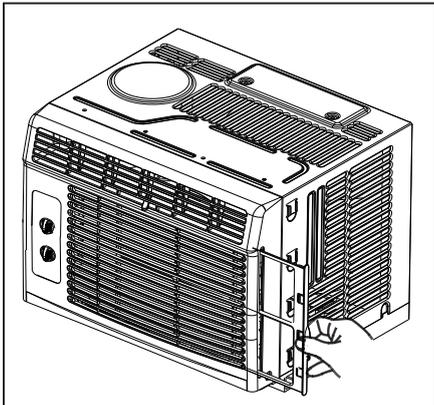
# CARE AND CLEANING

## 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.



### Air Filter Cleaning

- Remove the filter by sliding out from the right-hand side.
  - 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 your time and expense. This list includes common occurrences that are not the result of defective workman-ship or materials in this appliance.

<b>Problem</b>	<b>Solution</b>
<b>Air conditioner does not start</b>	<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>Plug Current Device Tripped. Press the RESET button.</i>
	<i>Power is OFF. Turn power ON.</i>
<b>Air from unit does not feel cold enough</b>	<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 it from the cold coil.</i>
	<i>Set to a Lower temperature.</i>
	<i>Compressor stopped when changing modes. Wait for 3 minutes after setting to the COOL mode.</i>
<b>Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.</b>	<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>
<b>Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.</b>	<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 units is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.</i>
	<i>Doors, windows, registers, etc. Open- cold air escapes. Close doors, windows, registers.</i>
	<i>Unit recently turned on in hot room. Allow additional time to remove "Stored heat "from walls, ceiling, floor and furniture.</i>
<b>Air conditioner turns on and off rapidly</b>	<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>
<b>Noise when unit is cooling</b>	<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>

## TROUBLESHOOTING TIPS

<b>Problem</b>	<b>Solution</b>
<b>Water dripping INSIDE when unit is cooling.</b>	<i>Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.</i>
<b>Water dripping OUTSIDE when unit is cooling.</b>	<i>Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.</i>
<b>Remote Sensing Deactivating Prematurely (some models)</b>	<i>Remote control not within range. Operate remote control within 20 feet and pointed in the general direction of the air conditioner unit.</i>
	<i>Remote control signal obstructed. Check and remove obstruction.</i>
<b>Room too cold</b>	<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.