



WINDOW AIR CONDITIONER

USER MANUAL

FOR MODEL:
3PASC10000



Before using your air conditioner, please read this manual carefully and keep it for future reference, along with your receipt.

CONSUMER PRODUCT INFORMATION

For your own records, please attach a copy of your sales receipt to this manual and complete the following:

Model Number: _____ Serial Number: _____

Purchase Date: _____ Store Purchased: _____

Installation Date: _____ Installation Co.: _____

Installer Name: _____ Installer Phone No.: _____

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This manual provides the information needed for proper use and maintenance of this air conditioner. Basic preventative care can help extend the life of this unit. The “Troubleshooting” section in this manual contains a chart with solutions to the most common problems. Referring to this section may save time and prevent the need for a service call in the event of a problem.

CAUTIONS

- Contact an authorized service technician for repair or maintenance of this unit.
- Contact an installer for installation of this unit if necessary.
- The air conditioner is not intended for use by young children without adult supervision. Young children should be supervised to ensure that they do not play with the air conditioner.
- Disabled persons may require assistance with set up.
- If the power cord is to be replaced, replacement work should be performed by authorized personnel only.
- Installation and repair work must be performed in accordance with the national wiring standards by authorized personnel only.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.

NOTE: All the illustrations in this manual are for explanation purposes only. Unit purchased may be slightly different.

The design and specifications are subject to change without prior notice for product improvement. Contact Consumer Services at 844-472-2473 for details.

SAFETY PRECAUTIONS

READ SAFETY PRECAUTIONS BEFORE INSTALLATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.



THIS SYMBOL INDICATES THAT IGNORING INSTRUCTIONS MAY CAUSE DEATH OR SERIOUS INJURY.



THIS SYMBOL INDICATES THAT IGNORING INSTRUCTIONS MAY CAUSE MODERATE INJURY TO YOUR PERSON, OR DAMAGE TO YOUR UNIT OR OTHER PROPERTY.

OTHER SYMBOLS:

ALWAYS DO THIS.

NEVER DO THIS.



WARNINGS

	Plug in power cord properly.	Failure to do so may cause electric shock or fire due to excess heat generation.
	DO NOT operate or stop the unit by inserting or pull-ing out the power plug directly from the wall.	Doing so may cause electric shock or fire due to heat generation
	DO NOT use a damaged power cord.	Doing so may cause electric shock or fire. If the power cord is damaged, it must be replaced by the manufacturer or an authorized service center or a similarly qualified person in order to avoid a hazard
	DO NOT modify power cord length or share the outlet with other appliances.	Doing so may cause electric shock or fire due to heat generation.
	DO NOT operate with wet hands or in damp environment.	Doing so may cause electric shock.
	DO NOT direct airflow directly at room occupants.	This could cause health issues.
	Always ensure effective grounding.	Incorrect grounding may cause electric shock.
	DO NOT allow water to run into electric parts.	Doing so may cause failure of machine or electric shock.
	Always install circuit breaker and a dedicated power circuit.	Incorrect installation may cause fire and electric shock.
	Always unplug the unit if strange sounds, smell or smoke comes from the unit.	Failure to do so may cause fire and electric shock.
	DO NOT use the socket if it is loose or damaged.	Doing so may cause fire and electric shock.
	DO NOT open the unit during operation.	Doing so may cause electric shock.
	DO NOT use firearms near unit.	Doing so may cause fire.
	DO NOT use the power cord close to heating appliances.	Doing so may cause fire and electric shock.
	DO NOT disassemble, modify, or drill holes into the air conditioner.	Doing so may cause failure and electric shock and void the manufacturer warranty.
	Ventilate room before operating air conditioner if there is a gas leak from another appliance such as a stove.	Failure to do so may cause explosion, fire and burns.
	DO NOT use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.	Doing so may cause an explosion or fire.

CAUTIONS

	When removing air filter, DO NOT touch metal parts of the unit.	Doing so may cause an injury.
	DO NOT clean with water.	Water may enter the unit and degrade the insulation causing an electric shock.
	Ensure proper ventilation especially in rooms with a stove or other appliances.	Failure to do so may result in an oxygen shortage.
	Unit and circuit breaker/fuse must be switched OFF when cleaning.	Cleaning unit when power is ON may cause fire and electric shock and may cause an 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.
	Use ONLY as intended.	This unit is NOT intended to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
	Stop operation and close the window in severe storms or hurricanes.	Operation with windows open may cause moisture to enter the room.
	Hold the plug by the head of the power plug when taking it out.	Failure to do so may cause electric shock and damage.
	If unit will not be used for a long period of time, unplug or turn OFF main power switch.	Leaving power on may cause unit failure or fire.
	DO NOT place obstacles around air-inlets or inside of air-outlet.	Obstacles may cause appliance failure or accident.
	Periodically check installation bracket for damage.	Prolonged exposure to outdoor elements may cause damage to installation bracket causing unit to fall.
	Always insert filter(s) securely. Clean filter(s) AT LEAST once every two weeks.	Operation without securely installed filters may cause failure. A dirty filter can cause the unit to not run efficiently.
	Use only a soft cloth to clean the unit.	Cleaners or detergents may change the color or scratch the surface of the unit.
	Use caution when unpacking and installing.	Sharp edges could cause injury.
	NEVER drink water drained from air conditioner.	Water from unit contains contaminants and could cause illness.
	DO NOT place heavy objects on the power cord and always ensure that the cord is not compressed.	There is danger of fire or electric shock.
	If water enters the electrical components of the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate supply by taking the power plug out and contact a qualified serviced technician.	There is danger of electric shock.

IMPORTANT SAFETY INSTRUCTIONS

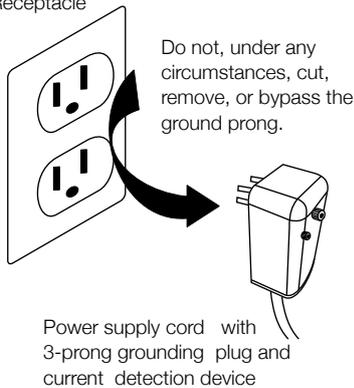
NOTE:

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 Device" (below) for details. In the event that the power supply cord is damaged, it cannot be repaired. It must be replaced by an authorized repair technician with a cord from the Product Manufacturer.

WARNING

Avoid fire hazards or electric shock. **DO NOT** use an extension cord or an adapter plug. **DO NOT** remove any prong from the power cord.

Grounding Type
Wall Receptacle



OPERATION OF CURRENT DEVICE:

The power supply cord contains a current 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.)

WARNING

FOR YOUR SAFETY: Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliances.

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 cuts from sharp metal fins on front and rear coils.

WARNING - ELECTRICAL INFORMATION

The complete electrical rating of your new room air conditioner is stated on the serial plate. Refer to the rating when checking the electrical requirements.

- 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 adapter plug.

NOTE:

DO NOT use the plug 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 reset when either the TEST button is pushed or it cannot be reset.
- If power supply cord is damaged, it cannot be repaired. Please call
- Consumer Services at 844-472-2473 to assist with replacement.

NOTE: This air conditioner is designed to be operated under the following conditions:

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

Performance may be reduced outside of these 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.



NOTE:

These instructions describe installation in a typical wood framed window with a wood SLIDE-BY sash, or installation in a metal CASEMENT window modification.

Modification may be necessary when installing in windows made differently than those shown in these instructions.



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.

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

Meeting Electrical Requirements

WARNING

Electrical Shock and Personal Injury Hazard

- Electrical ground is required on this appliance.
- DO NOT ground to a gas line.

- If cold water pipe is interrupted by plastic, non-metallic gaskets, or other insulating materials, **DO NOT** use for grounding.
- Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.
- **DO NOT** modify power supply cord plug. If it does not fit outlet, have a proper outlet installed by a qualified electrician. DO NOT have a fuse in the neutral or grounding circuit. A fuse in the neutral, or grounding circuit could result in an electrical shock.
- **DO NOT** use an extension cord with this appliance.

Failure to follow these instructions could result in electrical shock, serious injury, or death.

Observe all local governing codes and ordinances.

Do not, under any circumstances, remove the power supply cord grounding prong.

NOTE: If codes permit, and a separate grounding wire is used; it is recommended that a qualified electrician determine that the grounding path is adequate and not interrupted by plastic, non-metallic gaskets, or other insulating materials.

Receptacle wiring

Receptacle wiring should be a minimum of 14 gauge. Use copper wire only. It is your responsibility to provide proper and adequate receptacle wiring, installed by a qualified electrician.

Electrical requirements

A time delay fuse or time delay circuit breaker is also required. A separate circuit, serving only this appliance, **MUST** be provided.

Preparing for Installation

Installation Tips

For wood-frame casement windows: It may be necessary to construct a frame, using at least 1-inch thick wood, with a 15-1/2-inch wide opening.

For brick or cement building construction: It may be necessary to put a wood stool strip under AC, for mounting purposes.

Tools Required:

Flat-head screwdriver; Phillips-head screwdriver
Carpenter's level; Tape measure
Fine tooth saw; Electric or hand drill

INSTALLATION INSTRUCTIONS

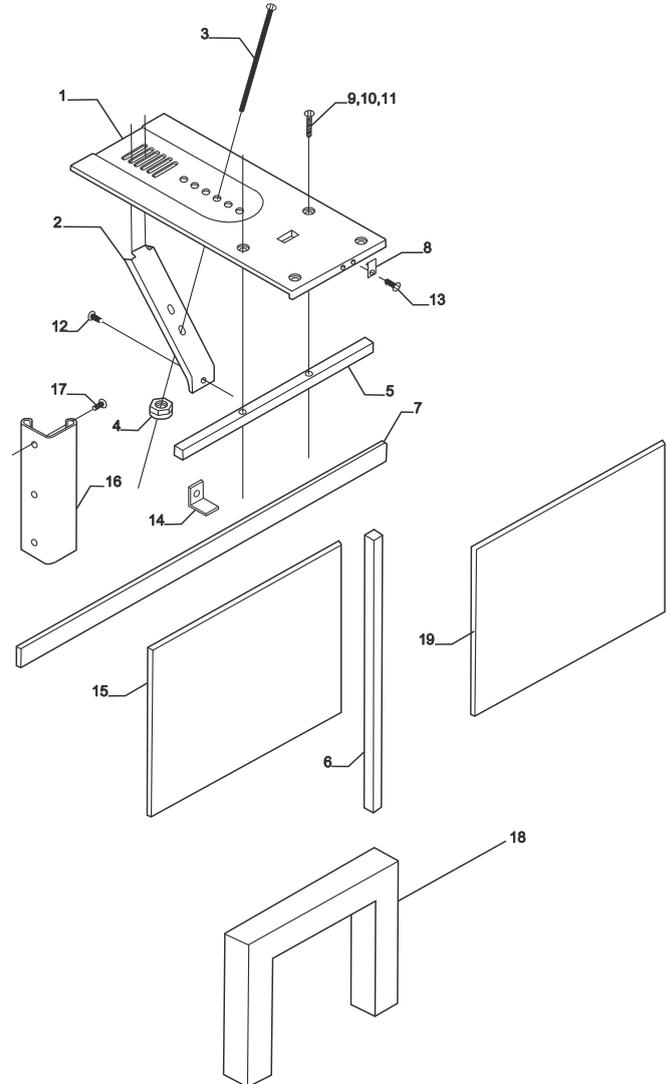
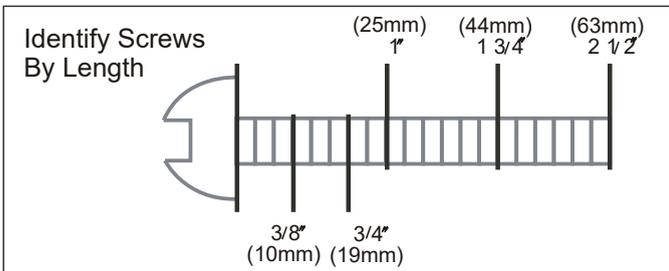
1. Make sure you have all the necessary parts.

Installation kit contents:

1. Platform(1)
2. Support brace(1)
3. Adjustment bolt(1)
4. Hex flange nut - 1 / 4 (1)
5. Track seal(1)
6. Side channel seal(1)
7. Foam seal strip/Sash seal
8. Safety bracket(1)
- 9-11 .Screw-2-1/2 (2), orScrew-1-3/4 (2), or
Screw-1 (2)*Screw-3/4 (6)
9. Screw-3/4 self-threading(7)
10. Window locking bracket(1)
11. Plastic window panel(1)
12. Side channel(2)
13. Screw-3/8 (6)
14. Panel frame/seal assembly(1)
15. R1 hardware(1)

NOET: R1 hardware is only for Energy star models.

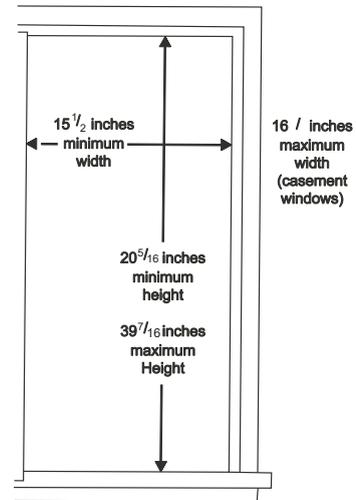
NOTE: Use scale below to measure length of your screws. The scale will come in handy when separating screws for installation.



2. Choose a proper sized window, as shown right.

- 15-1/2 inches minimum width
- 16-1/4 inches maximum width(for casement windows)
- 21-1/4 inches minimum height (with window panel retainer)
- 20-5/16 inches minimum height (window panel retainer removed)
- 39-7/16 inches maximum height

NOTE: Height measurement must be of a clear opening above mounting platform. In some cases, due to a variety of stop and track arrangements, the above dimensions may vary slightly. If necessary, installation can be made by alternating window jambs.(See Alternate Window Jamb Applications.) (continued)



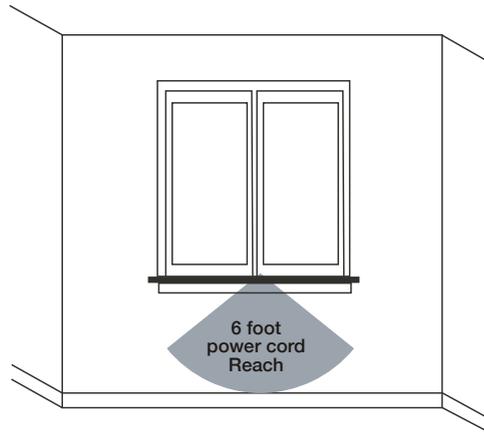
INSTALLATION INSTRUCTIONS

3. Choose the proper window location

Choose a window that allows the cooled air to flow freely and directly into room(s) you wish to cool.

Remember, it is difficult to move air around corners.

Also, choose a window that is within 6 feet of an electrical outlet. (See Meeting Electrical Requirements/Receptacle wiring needs.) **Do not use extension cord.**



Installing unit in a sliding window.

1. **Attach support brace to platform** as shown. Use adjustment bolt and hex flange nut to complete assembly. Choose slot and adjustment bolt hole locations that will create a 45° angle between platform and support brace. Try assembly in the window to determine if platform with the rest properly, and allow proper slope (3/16-inch lower on outside).

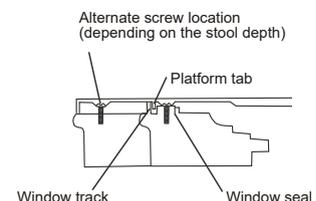
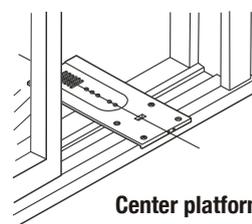
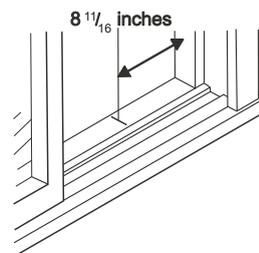
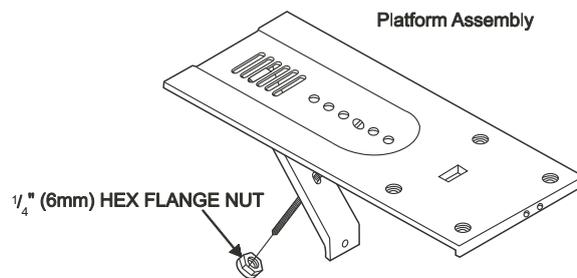
NOTE: If you are planning to use a sliding-protection board (See step 5) on the outside of your house, hole board in place when testing assembly in window.

2. **Measure, and lightly mark a line 8-11/16 inches from window jamb.**

Note: If any sash stops protrude more than 1 inch from the window jambs, the 8-11 flour/16-inch measurement must be increased accordingly.

Screen and storm window frames also require adjustments to the measurement.

3. **Center platform assembly** on the line with inside platform tab pressed against inside edge of window track. Using the holes in the platform as a guide, Mark and drill to 9/64-inch diameter holes. Drill holes in either track or stool



Center platform assembly on the line with platform tab pressed against window track.

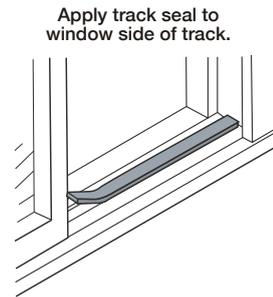
CAUTION

Property Damage Hazard - Failure to adhere to the following precautions could result in damage to window or air conditioner.

Be sure which tool or window track is securely attached to the building construction. Use longer screws in sub framing if necessary.

INSTALLATION INSTRUCTIONS

4. Peel off protective backing from track seal. Replace seal to room side of window track. Center of seal strip should coincide with the nine marked in step 2. The two screw holes drilled in step 3 should be directly above seal strip in the inner track.

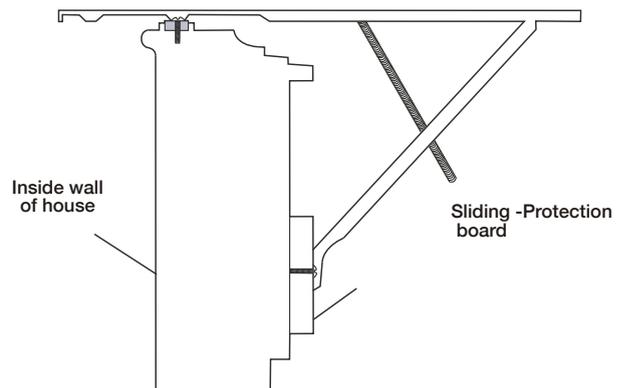


5. Securely attach a sliding-protection board to the side of the house.

Note: sliding-protection board should be long enough to span to wall studs.

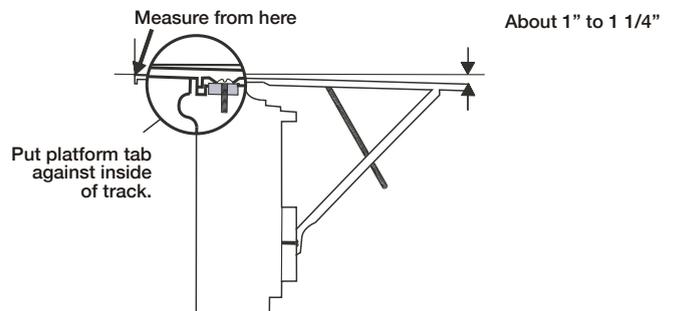
Note: adjust the platform assembly so that the air conditioner will be 1 1/8" to 1 1/2" lower than the front (tilted about 3o to 4o downward on the outside).

After proper installation copy condensate should not drain from the overflow drain hole during normal use, correct the slope otherwise.



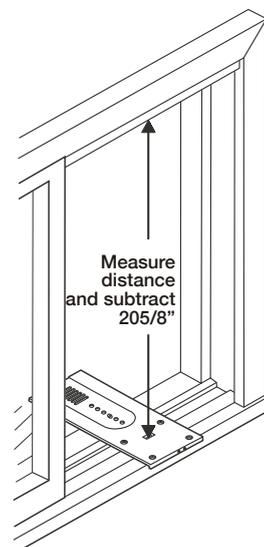
6. Please platform assembly, with platform tab against inside of window track, and attach it to window jamb, use appropriate length screws (items 9-11 in Preparing For Installation).

7. Adjust platform assembly, so that it is tilted 3" to 4" outside, as shown right. This ensures proper water drainage from the air conditioner



8. Level platform assembly from side to side. Also make sure window track is level. Using leveling shims as necessary to ensure unit is level from side to side.

9. Measure height of window opening from top of platform assembly as shown right. Subtract 20-5/8 inches. Mark this measurement on plastic window panel, along the longer side. (Continued)



INSTALLATION INSTRUCTIONS

10. Clamp plastic window panel between a board and a worktable and cut along cutting line with a fine tooth saw. Remove any bars with a file.

11. Fasten side channels to the sides of the easy using three screws (items 17) per channel. Make sure hook ends of the channels face towards the back off the unit.

12. Slide plastic window panels into panel frame, with smooth side towards the room. Slide panel frame assembly into the slide channels of the AC cabinet. Make sure plastic window panel is firmly enclosed on all sides by the retainer grooves.

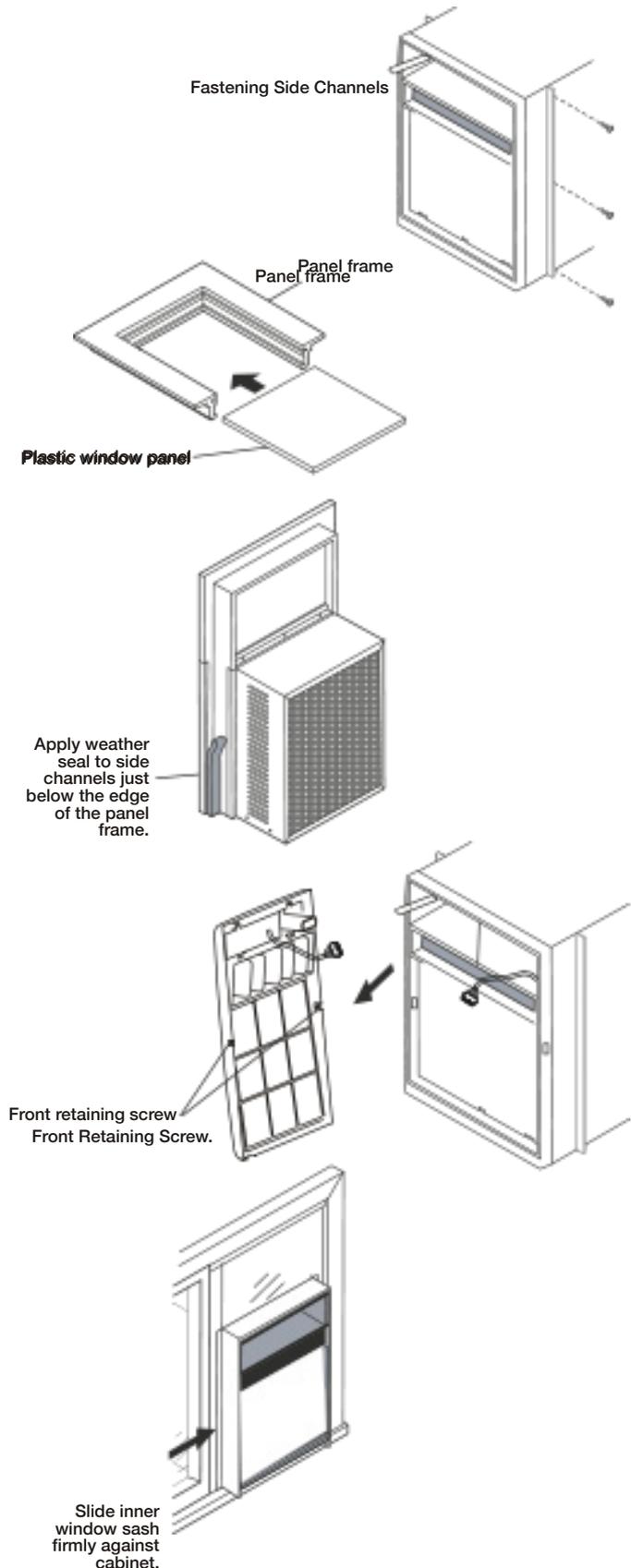
13. Cut side channel seal into two equal lengths. Remove protective backing and apply it to the rear side of the cabinet side channels, starting just below the panel frame assembly. Cut off excessive length so the seal is even with the bottom of the cabinet side channel.

14. To remove front

- 1) Remove the two front retaining screws from the front frame.
- 2) Gently pull the front out and lift up to release it from the case.
- 3) Then release the coupler plugs.

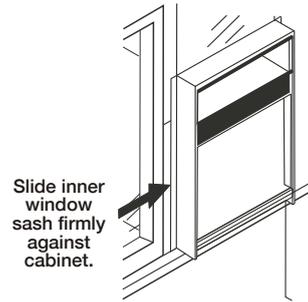
Note: DO NOT push or pull air direction louvers.

15. Place AC in window opening. As shown right, it should sit on platform assembly so that the window panel frame and cabinet side channels are against the top and side window jambs. (Continued)



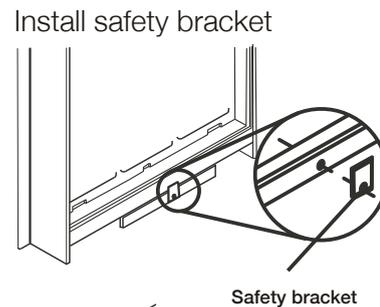
INSTALLATION INSTRUCTIONS

16. Slide the inner window sash firmly against the side of the cabinet. Make sure not to peel the seal strips from the window track and cabinets side channels. If the panel frame does not fit snugly to the inner window sash, secure the panel frame to the sash with $\frac{3}{4}$ -inch screws, or $\frac{3}{4}$ -inch self-threading screws. Use the partially plugged holes in the panel frame. Drill $\frac{1}{8}$ -inch pilot holes for the screws.



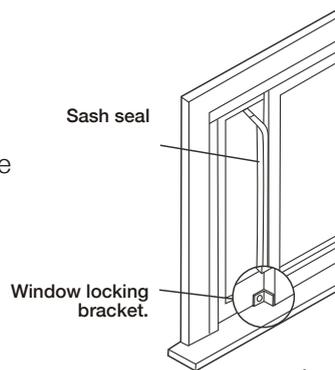
17. Hook the safety bracket over the base of the unit and fasten it to the front of the platform assembly. Use a $\frac{3}{4}$ -inch self-threading screw.

Note: the bracket prevents movement off the air conditioner (either in or out) after completing the installation.



18. Stuff the foam seal strip/sash seal between the vertical sash and the window glass, as shown right.

19. Use the window locking bracket to lock the inner window sash to the base of the outer window sash. Use one $\frac{3}{4}$ -inch screw, or $\frac{3}{4}$ -inch self-threading screw. (Drill $\frac{1}{8}$ -inch pilot hole).



20. To replace the front

First reconnect the coupler plugs, make sure the exhaust control is positioned through the front in the proper location. Then replace the retaining walls that hold the panel in place. Do not push or pull the front panel louvers.

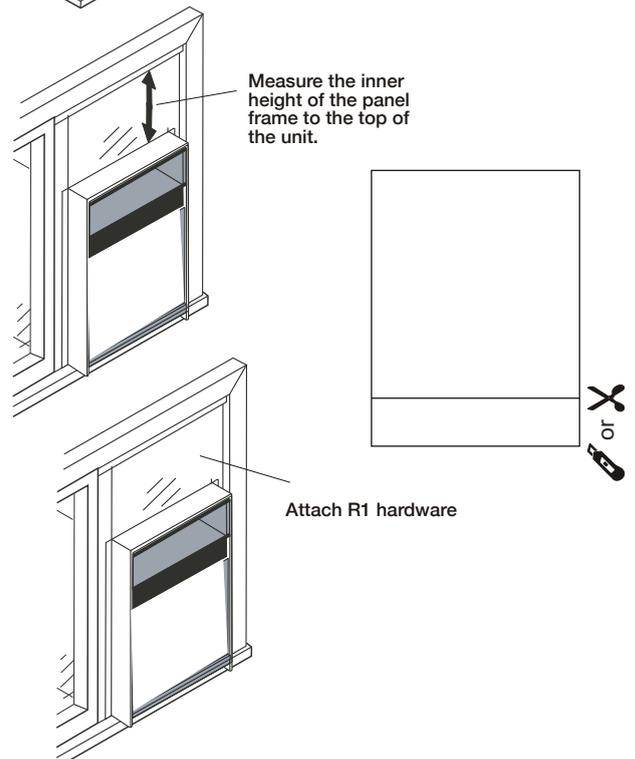
21. Call the R1 Hardware (**only applicable to Energy Star models**).

In order to minimize your leaks and ensure optimal insulation, it is necessary to install the included R1 hardware to the plastic window panel. Follow the instructions below.

Step 1. After the unit is installed to the window, measure the inner height of the panel frame to the top of the unit.

Step 2. Mark a line on the provided R1 hardware according to the measured height in step 1, then cut the R1 insulation panel along the line.

Step 3. Remove the tape of the R1 hardware, then attach to the plastic window panel.

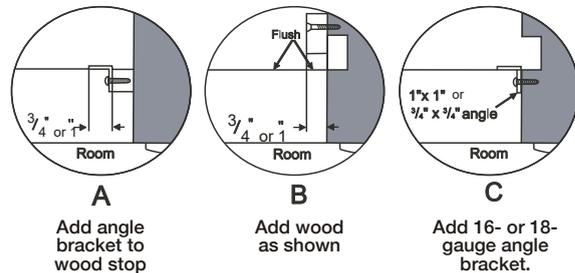


INSTALLATION INSTRUCTIONS

Alternate Window Jamb Applications

To install in windows having no flanges or wood stops on the Top and side jambs, the channels and panel frames fit against a meeting flange (or 1/16-inch max. thick angle) just to the window jambs.

Figure A shows this angle bracket installed. Figures B & C show alternate treatments. On the sash side of the opening, the leading corner of the inner/becomes the flange. You can purchase the angle bracket locally.



A
Add angle bracket to wood stop

B
Add wood as shown

C
Add 16- or 18-gauge angle bracket.

Installing the unit in a Casement

Note: Open the window the maximum amount to allow for clearance of the cabinet. The crank handle should be removed to allow the platform to be fastened to the jamb. If the window cannot open far enough (more than 15-1/2 inches) for the cabinet to clear the window, remove the window entirely by drilling out the rivets. bolts can serve as the rivets in the future.

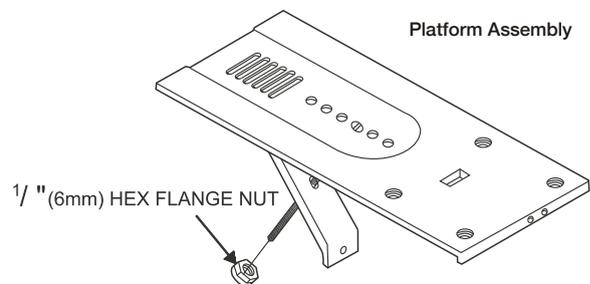
To avoid crank handle and window clearance problems, the unit can be installed in a stationary sash section. However, the horizontal Mullion and the two glass panels must be removed before installation.

1. Attach support brace to the platform as shown. Use the adjustment bolt and hex flange nut to complete the assembly. Choose the slot and adjustment bolt hole locations that will create a 45° angle between the platform and the support brace. Attach support brace to platform as shown. Use the adjustment bolt hex flange nut to complete the assembly. Choose the slot and adjustment bolt hole locations that will create a 45° angle between the platform and the support brace. Try the assembly in the window to determine if the platform will rest properly, and allow the proper slope (3/16-inch lower on the outside).

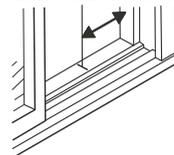
Note: If you are planning to use a sliding-protection board (See step 6) on the outside of your house, hold the boarding place when testing the assembly in the window. **2. Drill a 9/64-inch diameter pilot hole** in the window jamb and equal distance from each side of the jamb, and 3/16 inch up from the windowsill. If the hole coincides with the window level slot in the jamb bottom, an additional hole will have to be drilled through the platform edge and the window jamb to miss this slot.

3. Peel off the protective backing from the track seal and stick the seal to the windowsill on the outside of the bottom jamb.

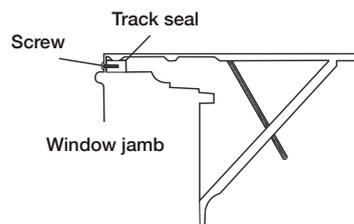
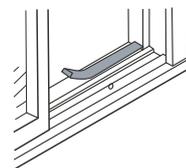
4. Screw the platform assembly to the window jamb through the pilot hole ou drilled in step 2. Use a 3/4-inch self-threading screw. (continued)



Equal distance from both sides



Apply track seal to the outside edge of the bottom window jamb.



INSTALLATION INSTRUCTIONS

5. Adjust the platform assembly so that the rear of the air conditioner will be $\frac{3}{16}$ -inch lower than the front. This ensures proper water drainage from the air conditioner.

NOTE: Adjust the platform assembly so that the air conditioner will be $\frac{1}{16}$ to $\frac{1}{16}$ inch lower than the front (tilted about 3° to 4° downward to the outside). After proper installation, condensate should not drain from the overflow drain hole during normal use, correct the slope otherwise.

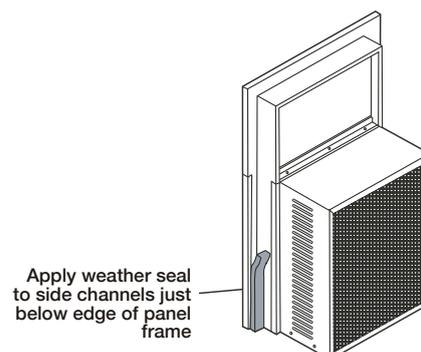
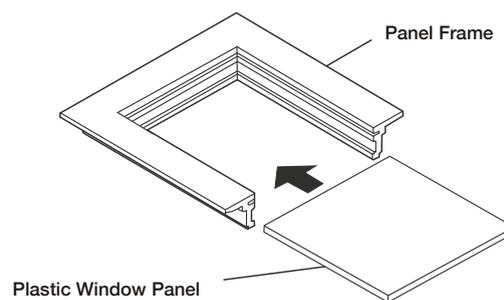
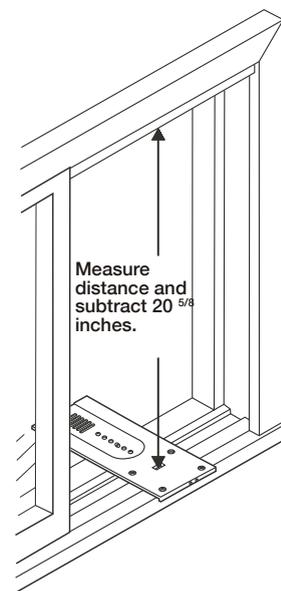
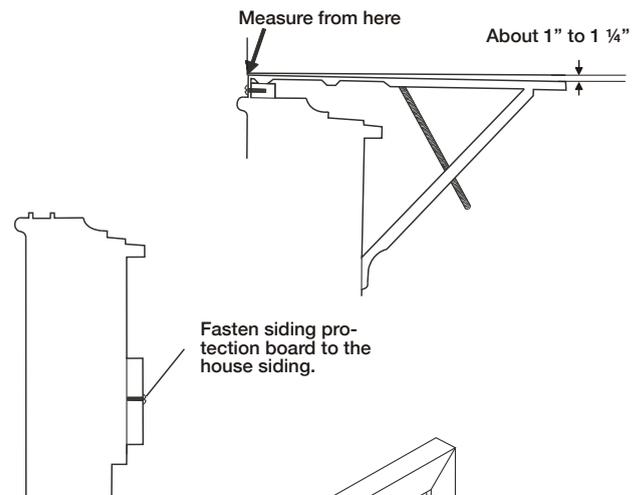
6. Securely attach a siding-protection board to the side of the house where the platform assembly hit the house. The siding-protection board should be long enough to span 2 wall studs.

7. Measure the height of the window opening from the top of the platform assembly. Subtract $20\frac{5}{8}$ inches. Mark this measurement on the plastic window panel, along the longer side.

8. Clamp the plastic window panel between a board and a work table, and cut along the cutting line with a fine tooth saw. Remove any burrs with a file.

9. Fasten the side channels to the sides of the unit using three screws (Item 17) per channel. Make sure hook ends of channels face toward the back of unit.

10. Slide the plastic window panel into the panel frame with the smooth side to the outside. Slide the panel frame assembly into the side channels of the air conditioner cabinet. Make sure the plastic window panel is firmly enclosed on all sides by the retainer grooves. (continued)



INSTALLATION INSTRUCTIONS

15. To remove front

1. Remove the two front retaining screws from the front frame.
2. Gently pull the front out and lift up to release it from the case.
3. Then release the coupler plugs.

NOTE: DO NOT push or pull air direction louvers.

13. Place the air conditioner in the window opening as shown to the right. It should sit on the platform assembly so that the window panel frame, and the cabinet side channels are against the top and side window jambs. Side channels should overlap side window jambs equally.

14. Drill two 9/64-inch diameter pilot holes in the top window jamb in line with the partially plugged holes in the panel frame. Secure the panel frame to the window jamb with two 3/4-inch self-threading screws. If additional holding is necessary, two screws may be used on the sides of the panel frame as well.

15. Drill two screw-clearance holes in the cabinet side channels (near bottom) and two 9/64-inch diameter pilot holes in the side window jambs. Secure the cabinet side channels to the window jambs with two 3/4-inch self-threading screws. When doing this, be careful not to twist the side channel seals with the screws.

NOTE: Inserting screws will prevent the air conditioner from being pushed into the room.

16. To replace the front

First reconnect the coupler plugs, make the Exhaust control positioned through the front in the proper location. Then replace the retaining screws that holds the panel in place. Do not push or pull the front panel louvers.

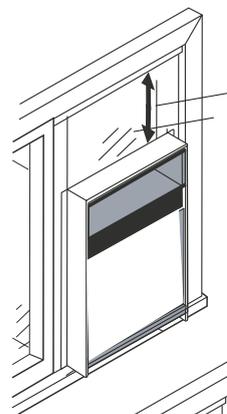
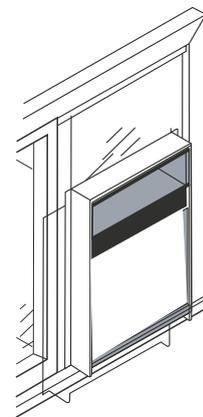
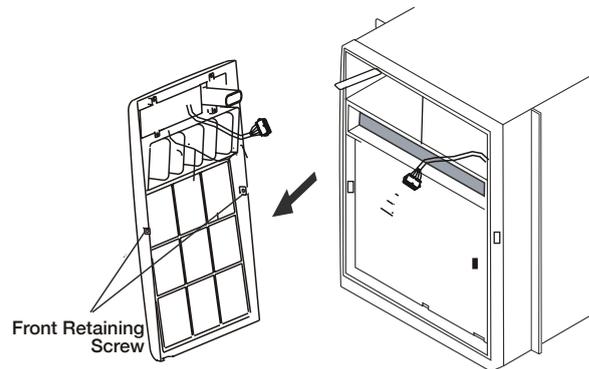
17. Install all the R1 hardware (**Only be applicable to Energy star models**)

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

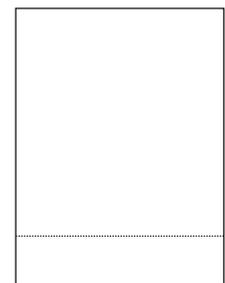
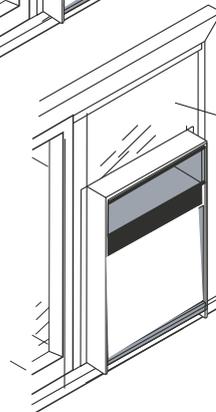
Step 1. After the unit is installed to the window, measure the inner height of the panel frame to the top of the unit.

Step 2. Remark a line on the provided R1 hardware according to the measured height in step 1, then cut the R1 insulation panel along the line.

Step 3. Remove the tape of the R1 hardware, then attach to the plastic window panel.

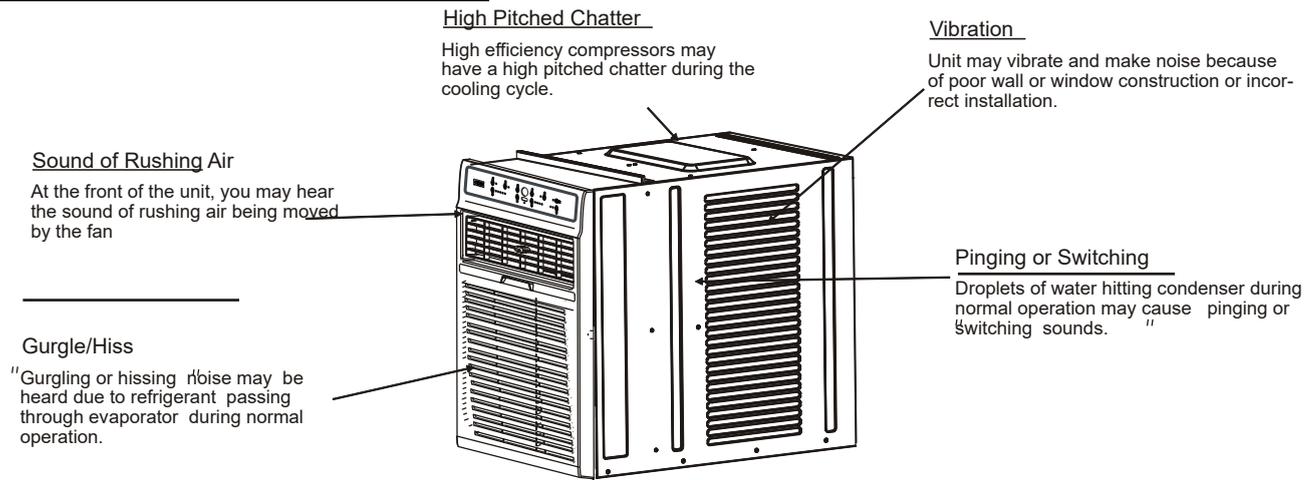


Measure the inner height of the panel frame to the top of the unit



Attach R1 hardware

NORMAL SOUNDS



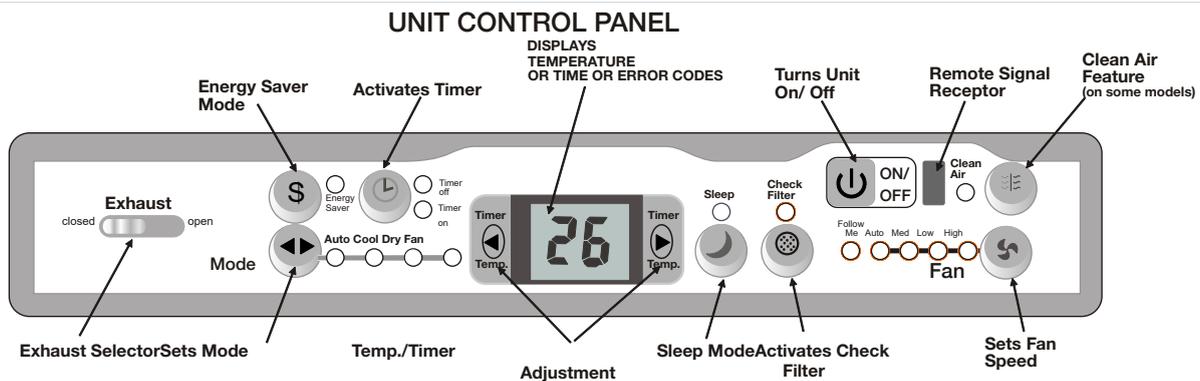
NOTE:

All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.

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

CLEAN AIR FEATURE: (on some models)

Press **Clean Air** button, the ion generator is energized and will help to remove pollutants from the air, and trap them in the filter.

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 seen 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 read 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.

SLEEP FEATURE:

Press  Sleep button to initiate the 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 then increase by another 2°F/ 1(or 2)°C after an additional 30 minutes. 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.

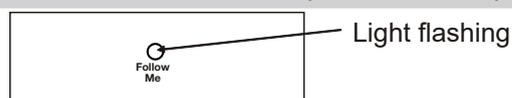
CHECK FILTER FEATURE:

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 display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again. If the unit does not receive the Follow Me signal during any 7 minutes 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 beside will be illuminated and remained on once the mode is selected.

The unit will initiate automatically 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, heating(cooling only models without), or fan only operation depending on what temperature you have selected and the room temperature.
- The air conditioner will control room temperature automatically round 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:

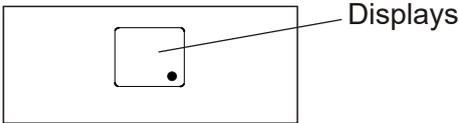
- In this mode, the air conditioner will generally operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.

TIMER: AUTO START/STOP FEATURE:

- When the unit is on or off, first press  Timer button, the TIMER ON indicator light illuminates. It indicates the Auto Start program is initiated.
- When the time of TIMER ON is displayed, press the Timer button again, the TIMER OFF indicator light illuminates. It indicates the Auto Stop program is initiated.
- Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 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:

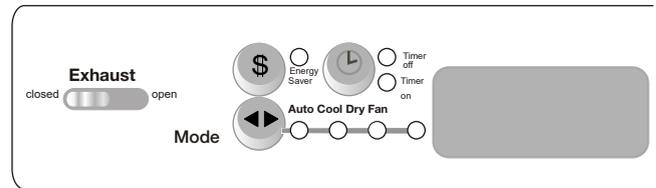
AS-Room temperature sensor error-Unplug the unit and plug it back in.If error repeats, call for service.

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 left picture. **HS** -Electric heating sensor error-Unplug the unit and plug it back in.If error repeats, call for service.

Exhaust Control



This Exhaust Control allows the air conditioner to either circulate inside air (Closed) or exhaust air to the outside (Open).

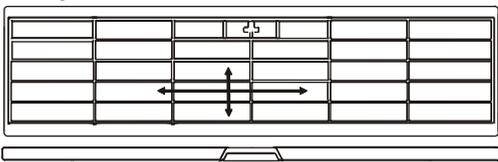
The Closed position is used when maximum cooling is desired. It may also be used for air recirculation without cooling when the air conditioner is set in any FAN position. The Open position removes stale air from the room and ex-hausts it to the outside. Fresh air is drawn in through normal passages in the home.

NOTE:

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

Air Directional Louvers

4-Way Louvers



The 4-Way air directional louvers allow you to direct air flow up or horizontal, left or right throughout the room as needed. To adjust the air directional louvers side-to-side, use the center handle as you move it side-to-side.

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.

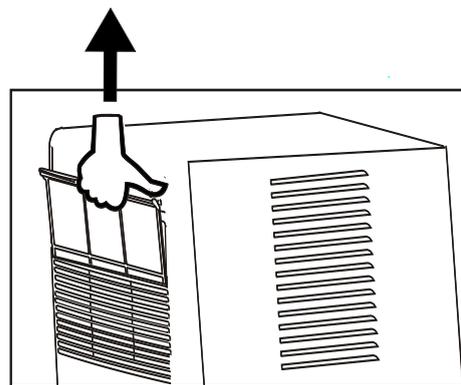
- The Cool circuit has an automatic 3 minute time delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping.The fan will continue to run during this time.
- The control is capable of displaying temperature in degrees Fahrenheit 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.

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

- 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.



NOTE:

To prevent rust or electrical connections from being damaged, store air conditioner in an upright position and in a dry place.

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 workmanship 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>Plug Current Device 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 sensing 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 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 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>
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 & 180°, radius of the front of the unit.</i>
	<i>Remote control signal obstructed. Remove obstruction.</i>
Room too cold	<i>Set temperature too low. Increase set temperature.</i>



Distributed by:

Perfect Aire, LLC
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Contryside, IL 60525

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PA/User_3PASC10000/04012019

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Printed in China