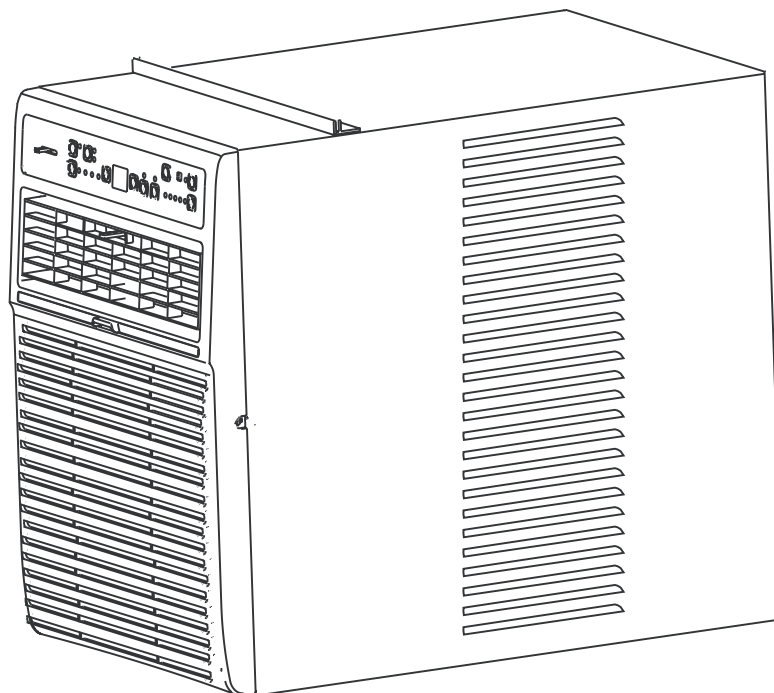




WINDOW AIR CONDITIONER INSTRUCTION MANUAL

3812-988 MWDCL-10CRN1-BCJ4



This manual explains the proper use of the air conditioner. Please read Rules for Safe Operation and Instructions Carefully before installing or operating your air conditioner. The Manual should be kept in a safe place for handy reference.

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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.





CAUTION



- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord is to be replaced, replacement work shall be performed by authorized personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.

Safety Precautions

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.

 WARNING	This symbol indicates the possibility of death or serious injury.
 CAUTION	This symbol indicates the possibility of injury or damage to property.

■ Meanings of symbols used in this manual are as shown below.

	Never do this.
	Always do this.

⚠ WARNING

Ⓢ Plug in power plug properly.

- Otherwise, it may cause electric shock or fire due to excess heat generation.

Ⓢ Do not operate or stop the unit by inserting or pulling out the power plug.

- It may cause electric shock or fire due to heat generation.

Ⓢ Do not damage or use an unspecified power cord.

- It may cause electric shock or fire.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorized service centre or a similarly qualified person in order to avoid a hazard.

Ⓢ Do not modify power cord length or share the outlet with other appliances.

- It may cause electric shock or fire due to heat generation.

Ⓢ Do not operate with wet hands or in damp environment.

- It may cause electric shock.

Ⓢ Do not direct airflow at room occupants only.

- This could damage your health.

Ⓢ Always ensure effective grounding.

- Incorrect grounding may cause electric shock.

Ⓢ Do not allow water to run into electric parts.

- It 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.

Ⓢ Unplug the unit if strange sounds, smell, or smoke comes from it.

- A damaged appliance may cause fire and electric shock.

Ⓢ Do not use the socket if it is loose or damaged.

- It may cause fire and electric shock.

Ⓢ Do not open the unit during operation.

- It may cause electric shock.

Ⓢ Keep firearms away.

- It may cause fire.

Ⓢ Do not place the power cord close to heating appliances.

- It may cause fire and electric shock.

Ⓢ Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.

- It may cause an explosion or fire.

Ⓢ Ventilate room before operating air conditioner if there is a gas leakage from another appliance.

- It may cause explosion, fire and burns.

Ⓢ Do not disassemble or modify unit.

- It may cause failure and electric shock.

Safety Precautions

CAUTION

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

- It may cause an injury.

Ⓢ Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

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

- An oxygen shortage may occur.

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

- Do not clean unit when power is on as it may cause fire and electric shock, it 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.

Ⓢ Do not use for any other purpose than air cooling.

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

Ⓢ Stop operation and close the window in storm or hurricane.

- Operation with windows opened may cause wetting of indoor and soaking of household furniture.

Ⓢ Hold the plug by the head of the power plug when taking it out.

- It may cause electric shock and damage.

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

- It may cause failure of product or fire.

Ⓢ Do not place obstacles around air-inlets or inside of air-outlet.

- It may cause failure of appliance or accident.

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

- If bracket is damaged, there is concern of damage due to falling of unit.

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

- Operation without filters may cause failure.

Ⓢ Do not use strong detergent such as wax or thinner but use a soft cloth.

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

Ⓢ Do not place heavy object on the power cord and ensure that the cord is not compressed.

- There is danger of fire or electric shock.

Ⓢ Do not drink water drained from air conditioner.

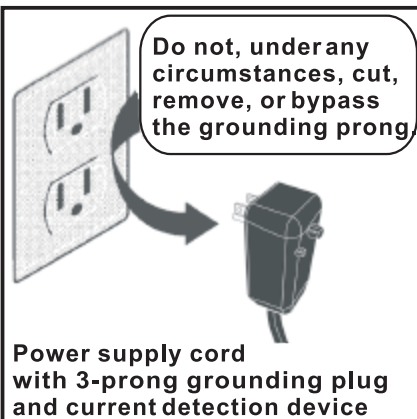
- It contains contaminants and could make you sick.

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

Ⓢ If water enters 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 service technician.

Safety Precautions

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' for details. In the event that the power supply cord is damaged, it cannot be repaired-it must be replaced with a cord from the Product Manufacturer.



⚠ WARNING For your safety

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

⚠ WARNING Electrical Information

- 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.
 - 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 plugged into 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.**

Operation of Current Device

(Applicable to the unit adopts current detection device only)

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

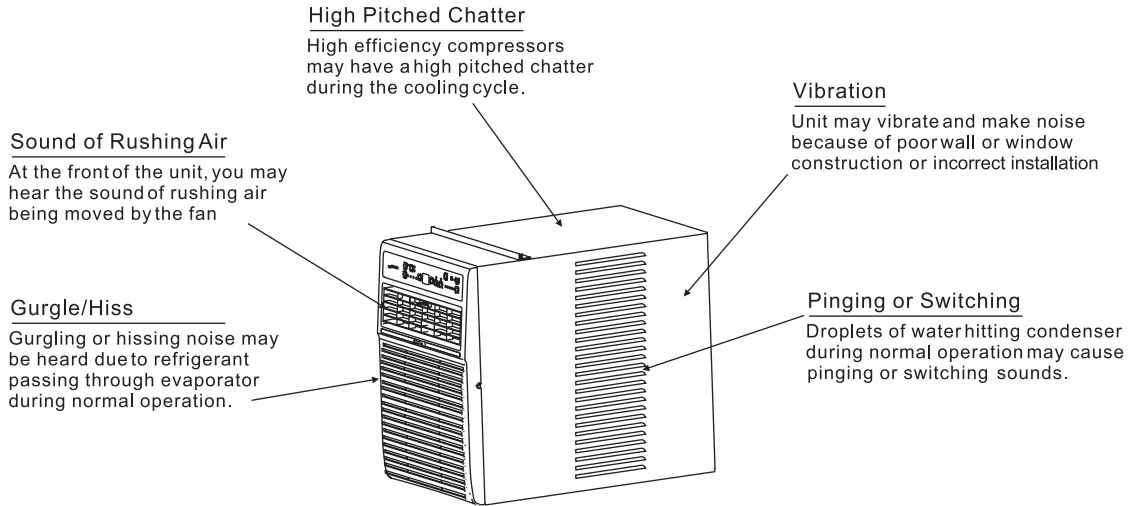
1. Plug in the Air Conditioner.
2. The power supply cord will have TWO buttons on the plug head. Press the TEST button, you will notice a click as the RESET button pops out.
3. Press the RESET button, again you will notice a click as the button engages.
4. The power supply cord is now supplying electricity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

NOTES:

- Do not use this 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 reset when either the TEST button is pushed, or it cannot be reset. Please contact Customer Service.
- If power supply cord is damaged, it cannot be repaired. It MUST be replaced with a new cord - please contact Customer Service.

Operating Instructions

Normal Sounds



NOTE: All the illustrations in this manual are for explanation purposes only. Your air conditioner may be slightly different, but its functions are the same.

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

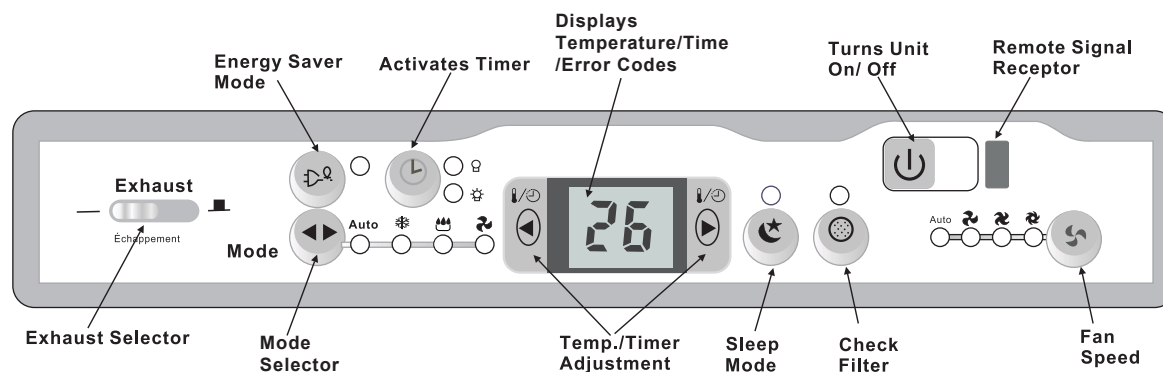
Cooling operation	Outdoor temp:	18-43°C/64-109°F
	Indoor temp:	17-32°C/62-90°F

Note: Performance may be reduced outside of these operating temperatures.

Operating Instructions

NOTE: The following instructions represent the Unit Controls, the same instructions can be used for the Remote Control.

Unit Control Panel



ON/OFF button

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

UP/DOWN button

Press or hold either Left(<) or Right(>) 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.

Note: This appliance provides a feature that will allow you to set and display temperatures in “Celsius” or “Fahrenheit” . To change the temperature display on the main unit, press the Left(<) and Right(>) button simultaneously for 3 seconds to alternate between the °C & °F scale.

FAN button

Used 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. For some models, the fan speed cannot be adjusted under HEAT mode. On Dry mode, the fan speed is controlled at Low automatically.

Energy Saver button

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.

SLEEP button

In this mode the selected temperature will increase by 2°F/1°C 30 minutes after the mode is selected. The temperature will then increase by another 2°F/1°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 again pressing the Sleep button.

Operating Instructions



MODE button

- To choose the operating mode, press the 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 will remain on once the mode is selected.

To operate on Auto feature:

- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (on some models only), 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 cannot be adjusted.

To operate on Dry mode:

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



TIMER button

- When the unit is on or off, first press the 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 in 0.5 hour increments, up to 10 hours, then in 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.



CHECK FILTER button

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.

Operating Instructions

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.

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



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 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 can display temperature in Fahrenheit or 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.

Exhaust Control

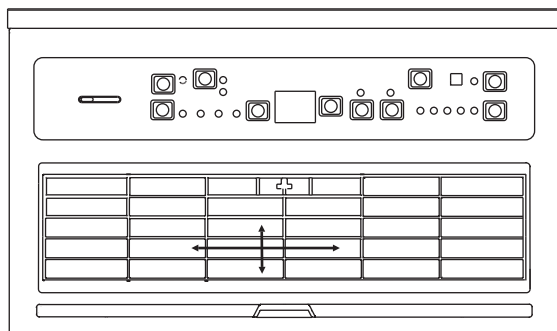


This Exhaust Control allows the air conditioner to either circulate inside air  or exhaust air to the outside .

The Closed position is used when maximum cooling is desired. It may also be used for air re-circulation without cooling when the air conditioner is set in any FAN position.

The Open position removes stale air from the room and exhausts it to the outside. Fresh air is drawn in through normal passages in the home.

4-Way Louvers



The 4-Way air directional louvers allow you to direct air flow up or down, 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.

Installation Instructions

NOTE: These instructions describe installation in a typical wood framed window with a wood sliding sash, or installation in a metal casement window. Modification may be necessary when installing in windows made differently than those shown in these instructions.

A high widow accessory kit is available for window heights up to 62" (1575mm).

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 not sure whether the appliance is properly grounded.
- DO NOT modify power supply cord plug. If it does not fit in the 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 build 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(not included):

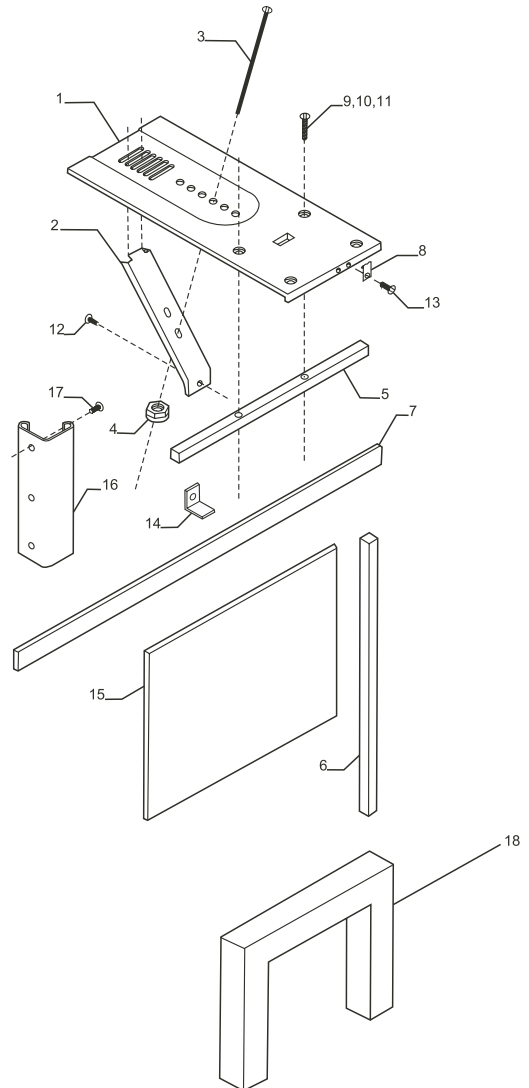
Flat-head screwdriver
Phillips-head screwdriver
Carpenter's level
Tape measure
Fine tooth saw
Electric or hand drill

Installation Instructions

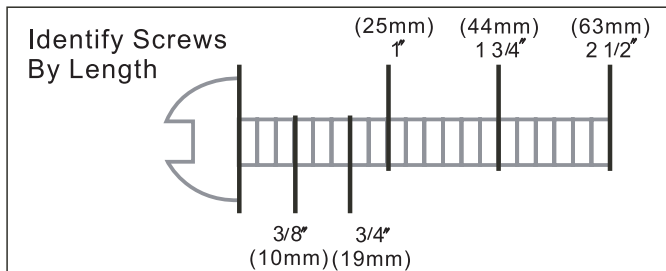
1. Make sure you have all the necessary parts.

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), or
Screw-1-3/4" (2), or
Screw-1"(2)
12. Screw-3/4 "(6)
13. Screw-3/4" self-threading(7)
14. Window locking bracket(1)
15. Plastic window panel(1)
16. Side channel(2)
17. Screw-3/8"(6)
18. Panel frame/seal assembly(1)



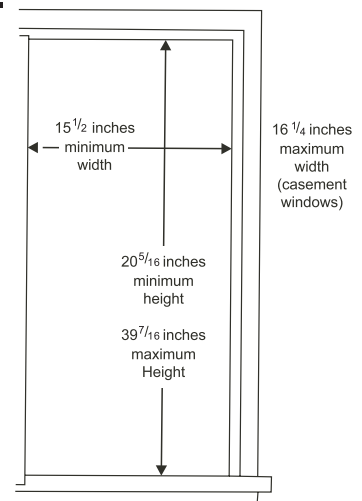
NOTE: Use scale below to measure length of your screws. The scale will come in handy when separating screws for installation.



2. Choose a proper sized window, as shown on the 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

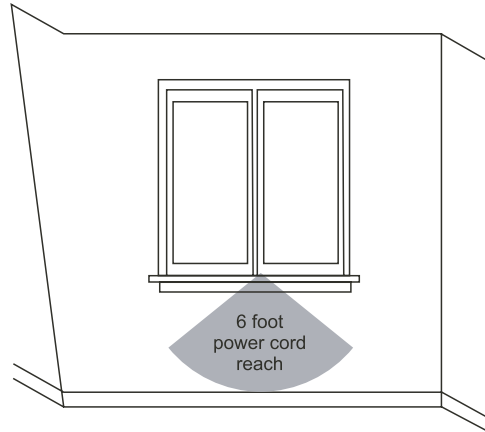
NOTE: Height measurement must be of a clear opening above mounting platform. In some cases, due to a variety of stop and track arrangements, the above dimensions may vary slightly. If necessary, installation can be made by alternating window jambs. (See Alternate Window Jamb Applications.)



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 an extension cord.**



Installing Unit in a Sliding Window

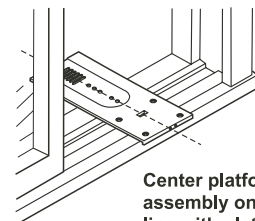
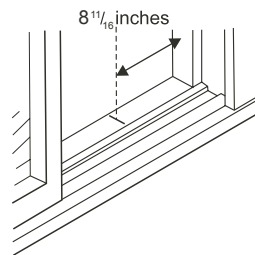
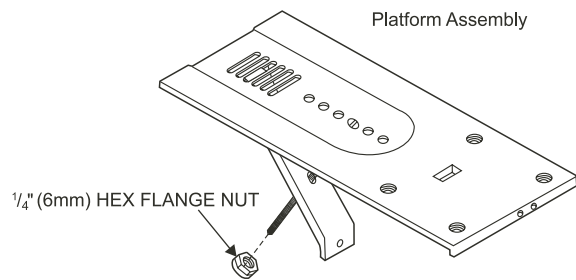
1. Attach support brace to platform as shown. Use adjustment bolt and hex flange nut to complete assembly. Choose slot and adjustment bolt hole locations that will create a 45 degree angle between platform and support brace. Try assembly in the window to determine if platform will rest properly, and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

NOTE: If you are planning to use a siding-protection board (see Step 5) on the outside of your house, hold board in place when testing assembly in window.

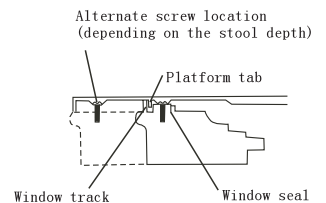
2. Measure, and lightly mark a line 8-11/16 inches from window jamb.

NOTE: If any sash stop protrudes more than 1 inch from the side window jambs, the 8-11/16" measurement must be increased accordingly. Screen and storm window frames may 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 two 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

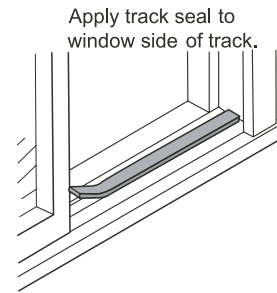


CAUTION

Property Damage Hazard-Failure to adhere to the following precautions could result in damage to window or air conditioner. Be sure wood stool or window track is securely attached to the building construction. Use longer screws in sub-framing if necessary.

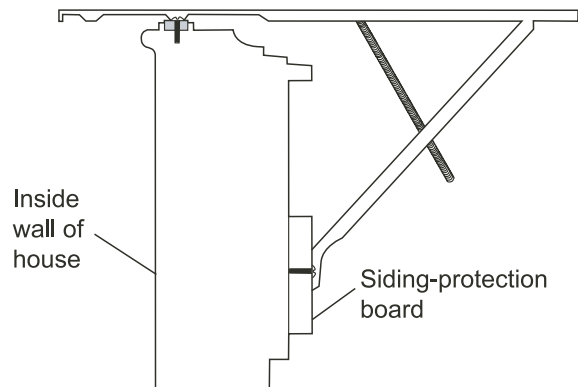
Installation Instructions

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



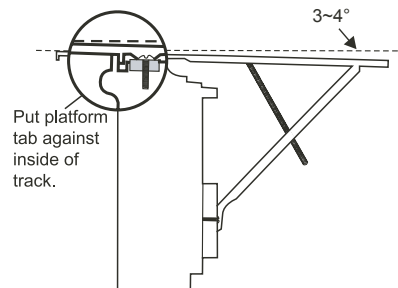
5. Securely attach a siding-protection board to side of house.

NOTE: Siding-protection board should be long enough to span 2 wall studs.



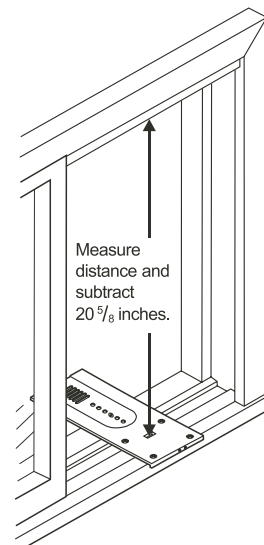
6. Place platform assembly, with platform tab against inside of window track, and attach it to window jamb. Use appropriate length screws (Items 9-11 in Preparing For Installation).

7. Adjust platform assembly so that it is tilted 3~4° to the outside, as shown on the 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. Use 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 on the right. Subtract 20-5/8 inches. Mark this measurement on plastic window panel, along the longer side.



Installation Instructions

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

11. Fasten side channels to the sides of the AC using 3 screws (Item 17) per channel. Start with first screw at top of channel. Make sure hook ends of channels face toward back of unit.

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

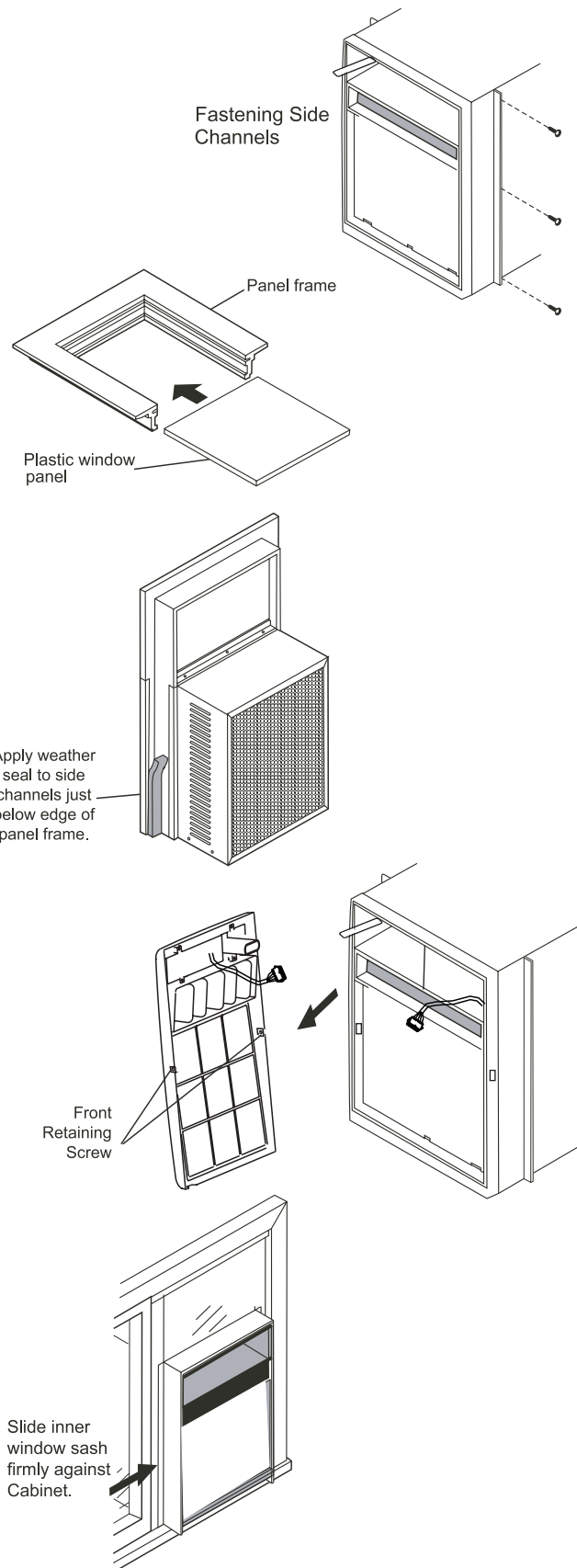
13. Cut side channel seal into 2 equal lengths. Remove protective backing and apply it to the rear side of cabinet side channels, starting just below panel frame assembly. Pinch off excess length so seal is even with the bottom of the cabinet side channel.

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.

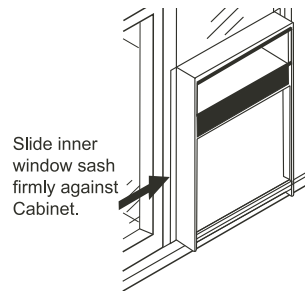
NOTE: DO NOT push or pull air direction louvers.

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



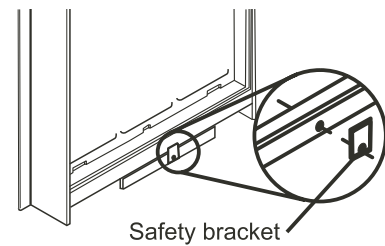
Installation Instructions

16. Slide inner window sash firmly against side of the cabinet. Make sure not to peel the seal strips from the window track and cabinet side channels. If the panel frame does not fit snugly to the inner window sash, secure the panel frame to the sash with 3/4-inch screws, or 3/4-inch self-threading screws. Use the partially plugged holes in the panel frame. Drill 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 3/4-inch self-threading screw.

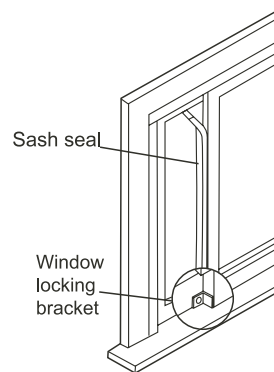
Install safety bracket



NOTE: The bracket prevents movement of the air conditioner (either in or out) after completing the installation.

18. Push 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 3/4-inch screw, or 3/4-inch self-threading screw. (Drill 1/8-inch pilot hole).

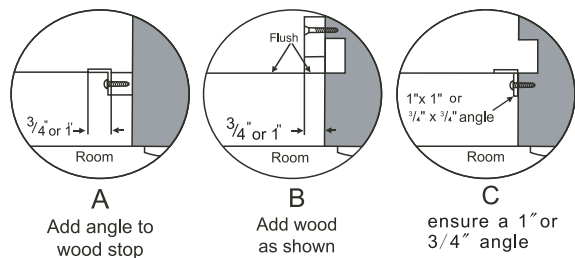


20. To replace the front

First reconnect the coupler plugs, position the exhaust control 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.

Alternate Window Jamb Applications

To install in windows having no flanges or wood stops on the top and side jambs, the channels and panel frame must fit against a mating flange (or 1/16-inch max. thick angle) attached to the window jambs. Figure A shows this angle installed. Figures B & C show alternate treatments. On the sash side of the opening, the leading corner of the inner sash becomes the flange. You can purchase the angle strip at your local hardware store.



Installation Instructions

Installing the Unit in a Casement Window

NOTE: Open the window fully 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 pivots 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 2 glass panels must be removed before installation.

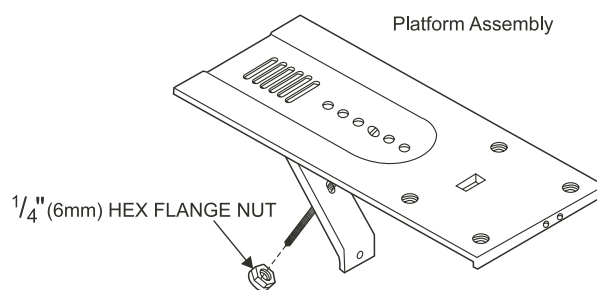
1. Attach support brace to platform as shown. Use the adjustment bolt and hex flange nut to complete the assembly. Choose the slot and adjustment bolt hole locations that will create a 45 degree angle between the platform and the support brace. Try the assembly in the window to determine if the platform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

NOTE: If you are planning to use a siding-protection board (see Step 6) on the outside of your house, hold the board in place when testing the assembly in the window.

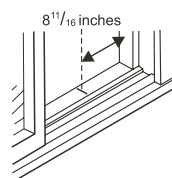
2. Drill a 9/64-inch diameter pilot hole in the window jamb an equal distance from each side of the jamb, and 3/16-inch up from the window sill. If the hole aligns with the window lever slot in the jamb bottom, an additional hole will have to be drilled through the platform edge and the window jamb to miss this slot.

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

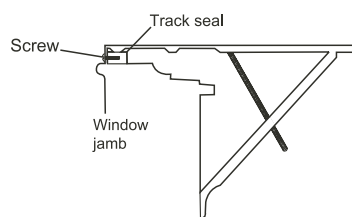
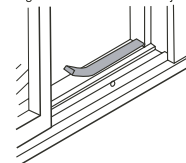
4. Screw the platform assembly to the window jamb through the pilot hole you drilled in Step 2. Use a 3/4-inch self-threading screw.



Equal distance from both sides



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

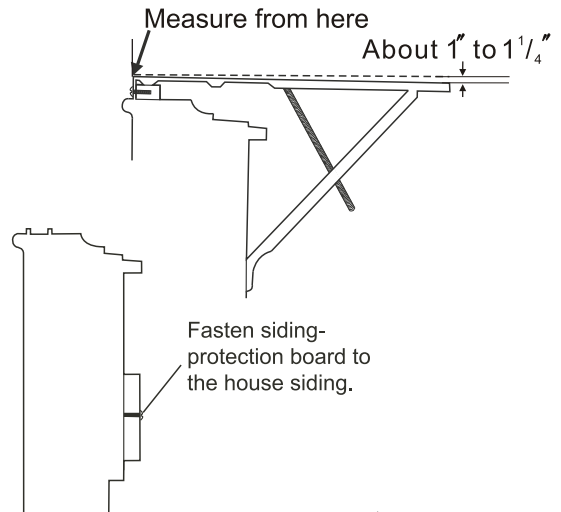


Installation Instructions

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 $1\frac{1}{8}$ " to $1\frac{1}{2}$ " 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 is in contact with the house. The siding-protection board should be long enough to span 2 wall studs.

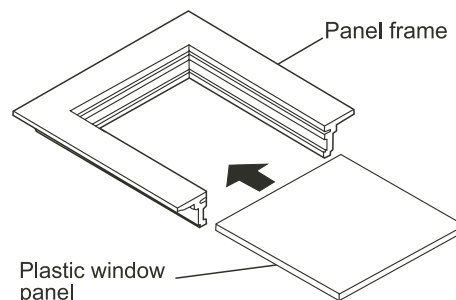
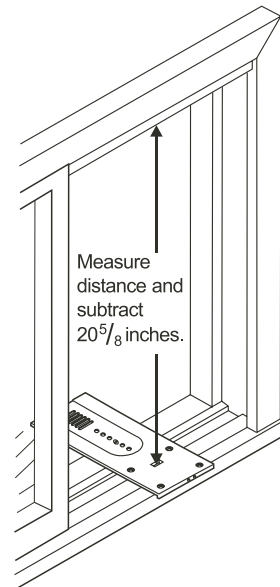


7. Measure the height of the window opening from the top of the platform assembly. Subtract $20\frac{5}{8}$ inches. Mark this measurement on the plastic window panel, along the longer side.

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.



Installation Instructions

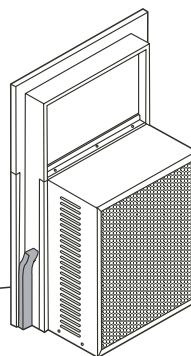
11. Cut side channel seal into 2 equal lengths.

Remove the protective backing and apply it to the rear side of the cabinet side channels, starting just below the panel frame assembly. Pinch off excess length so the seal is even with the bottom of the cabinet side channel.

12. To remove front

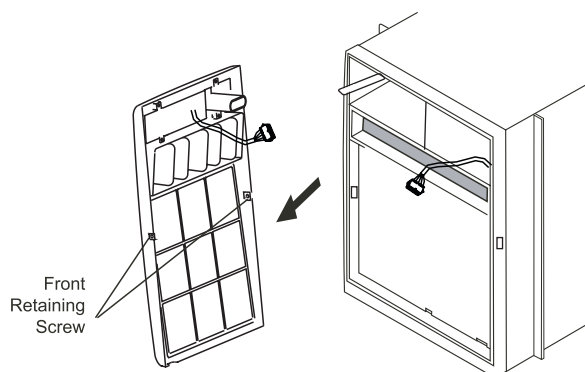
1. Remove the two front retaining screws from the front frame.
2. Gently pull the front out and lift up to release it from the case.
3. Then release the coupler plugs.

Apply weather seal to side channels just below edge of panel frame.



NOTE: DO NOT push or pull air direction louvers.

13. Place the air conditioner in the window opening as shown on 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.



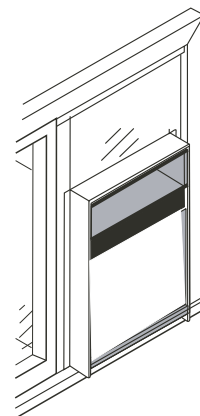
14. Drill two 9/64-inch diameter pilot holes in the top window jamb in line with the partially plugged holes in the panel frame. Secure the panel frame to the window jamb with two 3/4-inch self-threading screws. If additional holding is necessary, two screws may be used on the sides of the panel frame 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, position the exhaust control through the front in the proper location. Then replace the retaining screws that hold the panel in place. Do not push or pull the front panel louvers.

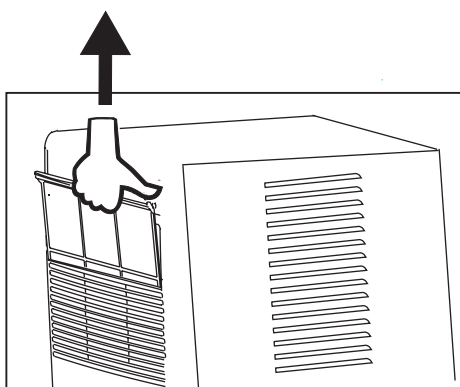


Care And Cleaning

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.

- Grasp 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°(104°F) 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.

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

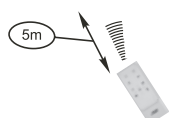
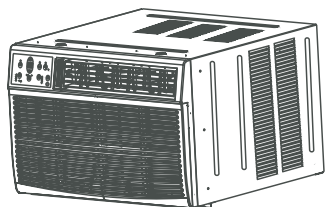
Troubleshooting Tips

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	Wall plug disconnected. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	Plug Current Device Tripped. Press the RESET button.
	Control is OFF. Turn Control ON and set to desired setting.
Air from unit does not feel cold enough	Unit turned off and then on too quickly. Turn unit off and wait 3 minutes before restarting.
	Room temperature below 17°C(62°F). Cooling may not occur until room temperature rises above 17°C(62°F).
	Temperature sensing element touching cold coil, located behind air filter. Straighten tube away from coil.
	Reset to a Lower temperature.
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	Compressor shut-off by changing modes. Wait approximately 3 minutes and listen for compressor to restart when set in the COOL mode.
	Outdoor temperature below 18°C(64°F). To defrost the coil, set FAN ONLY mode.
	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.
	Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a Higher setting.
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.
	Temperature is set too High, set temperature to a Lower setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution.
	Front of units is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.
	Doors, windows, registers, etc. Open- cold air escapes. Close doors, windows, registers.
	Unit recently turned on in hot room. Allow additional time to remove "Stored heat" from walls, ceiling, floor and furniture.
Air conditioner turns on and off rapidly	Dirty air filter- air restricted. Clean air filter.
	Outside temperature extremely hot. Set FAN speed to a Higher setting to bring air past cooling coils more frequently.
Noise when unit is cooling	Air movement sound. This is normal . If too loud, set to a lower FAN setting.
	Window vibration - poor installation. Refer to installation instructions or check with installer.
Water dripping INSIDE when unit is cooling.	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.
Water dripping OUTSIDE when unit is cooling.	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Remote Sensing Deactivating Prematurely (some models)	Remote control not located within range. Place remote control within 20 feet & 180° radius of the front of the unit.
	Remote control signal obstructed. Remove obstruction.
Room too cold	Set temperature too low. Increase set temperature.

Remote Controller Instructions

Handling the remote control



Location of the remote control.

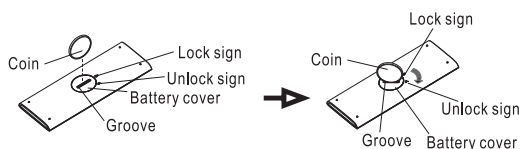
- Use the remote control within a distance of 16 ft (5 m) from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.

CAUTIONS

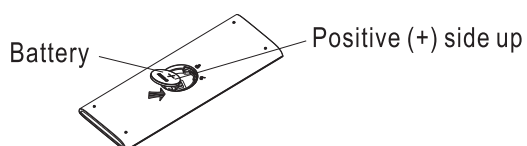
- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller, either move these appliances or consult your local dealer.

Battery Installation Instructions

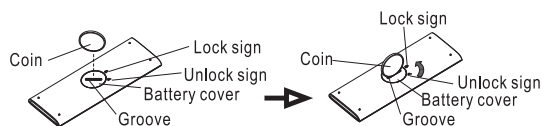
Step 1: Insert a coin vertically in the groove on the battery cover, and turn coin 45° clockwise; make sure that the groove is aligned with the "unlock" sign as shown below and remove the battery cover.



Step 2: Install battery inside the remote controller, the positive (+) side up.



Step 3: Install the battery cover, make sure the battery cover groove is aligned with the "unlock" sign. Insert a coin vertically in the groove and press it gently, turn coin 45° counter-clockwise; make sure the groove is aligned with the "lock" sign as shown below.



Remote Controller Instructions

WARNING

1. Battery must be disposed of properly. Do not short circuit or dispose of in the fire.
2. Keep batteries out of the reach of children.
3. Batteries must not be ingested.
4. Non-rechargeable batteries are not to be recharged.
5. Exhausted batteries are to be removed from the product.

Remote Controller Specifications

Model	RG15A(B)/E
Rated Voltage	3.0V(Lithium battery CR2025)
Lowest Voltage of CPU Emitting Signal	2.4V
Signal Receiving Range	16 ft (5 m)
Environment	-5°C~60°C(23°F~140°F)

NOTE:

- Buttons design is based on typical model and might be slightly different from the actual one you purchased, the actual shape shall prevail.
- All functions described in these instructions apply to the different air conditioner models available; if your model doesn't have a specific function, pressing the corresponding button will have no effect.
- When there are wide differences between Remote controller Instructions and USERS MANUAL on function description, the description on USERS MANUAL shall prevail.

⚠ WARNING: Chemical Burn Hazard. Keep batteries away from children.

“This product contains a lithium button/coin cell battery. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as 2 hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.”

The cells shall be disposed of properly, including keeping them away from children. Even used cells may cause injury.

Remote Controller Instructions

NOTE:

Function buttons

ON/OFF button

Operation starts when this button is pressed and stops when the button is pressed again.

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

TEMP DOWN button

Push this button to decrease the indoor temperature setting in 1°C/1°F increments to 17°C/62°F.

TIMER button

Push this button to activate the "Auto Start" or "Auto Stop" program.

ONE TOUCH button

Push this button, the system will automatically shift to COOL operation with auto fan speed, the setting temperature is 26°C/80°F. And the timer setting program will be cancelled.

MODE button

Press this button to select the desired operation mode from AUTO, COOL, DRY, HEAT (Cooling & heating models only) and FAN.

NOTE: Do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

TEMP UP button

Push this button to increase the temperature setting in 1°C/1°F increments to 30°C/86°F

FAN button

Used to select the fan speed in four steps: Auto, Low, Med and High.

SLEEP button

Press this button to activate the Sleep mode. This function is available on COOL, HEAT or AUTO mode only and maintain the most comfortable temperature for you.

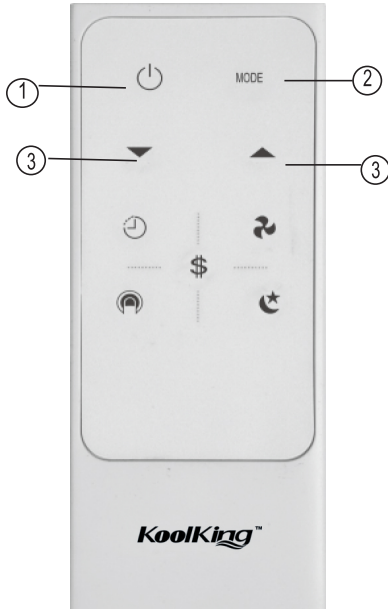
ENERGY SAVER button

Press this button to activate the Energy-saving mode. Press it again to stop the function.(on some models)



Remote Controller Instructions

How to use the buttons



Auto operation

Ensure the unit is plugged in and power is available.

1. Press the **ON/OFF** add space button to start the air conditioner.
2. Press the **MODE** button to select Auto.
3. Press the **TEMP UP/DOWN** button to set the desired temperature. The temperature can be set within a range of 17°C/62°F~30°C/86°F in 1°C/1°F increments.

NOTE

1. In the Auto mode, the air conditioner can automatically choose between of Cooling, Fan, Heating modes by sensing the difference between the actual ambient room temperature and the set temperature on the remote controller.
2. In the Auto mode, you cannot switch the fan speed. It has already been automatically controlled.
3. If the Auto mode is not comfortable for you, the desired mode can be selected manually.

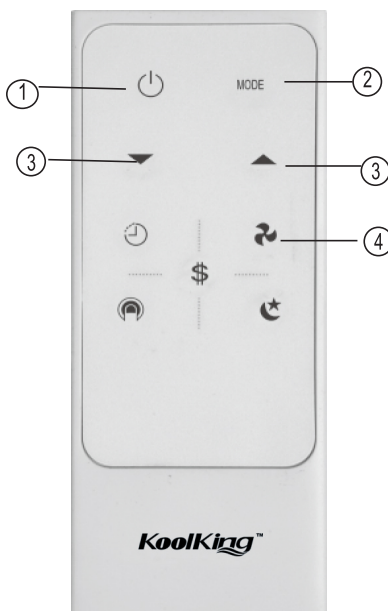
Cooling /Heating/Fan operation

Ensure the unit is plugged in and power is available.

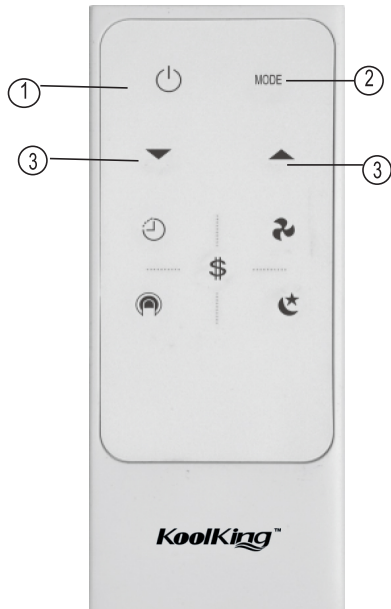
1. Press the **ON/OFF** button to start the air conditioner.
2. Press the **MODE** button to select Cool or Fan mode.
3. Press the **TEMP UP/DOWN** button to set the desired temperature. The temperature can be set within a range of 17°C/62°F~30°C/86°F in 1°C/1°F increments.
4. Press the **FAN** button to select the fan speed in four steps- Auto, Low, Med, or High.

NOTE

In the Fan mode, the setting temperature is not displayed in the remote controller and you are not able to control the room temperature either. In this case, only step 1, 2 and 4 may be performed.



Remote Controller Instructions



Dehumidifying operation

Ensure the unit is plugged in and power is available.

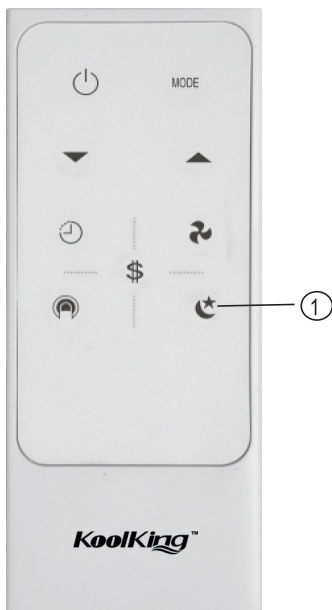
1. Press the **ON/OFF** add space button to start the air conditioner.
2. Press the **MODE** button to select Dry.
3. Press the **TEMP UP/DOWN** button to set the desired temperature. The temperature can be set within a range of 17°C/62°F~ 30°C/86°F in 1°C/1°F increments.

NOTE

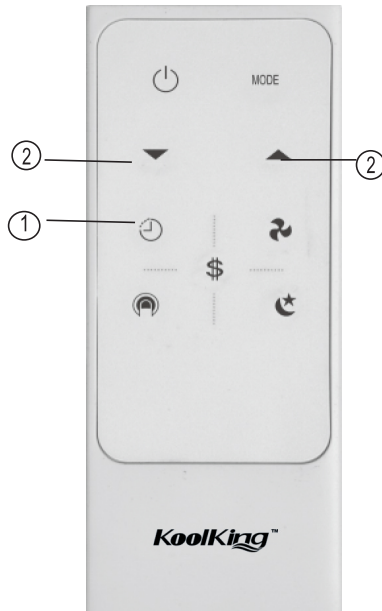
In the Dehumidifying mode, you cannot switch the fan speed. It has already been automatically controlled.

SLEEP operation

- Press this button to activate the Sleep mode. This function is available on COOL, HEAT or AUTO mode only and maintain the most comfortable temperature for you.
- In this mode the selected temperature will increase by 1°C/2°F 30 minutes after the mode is selected. The temperature will then increase by another 1°C/2°F 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 when press the MODE, ON/OFF, FAN SPEED and SLEEP button during operation.



Remote Controller Instructions



Timer operation

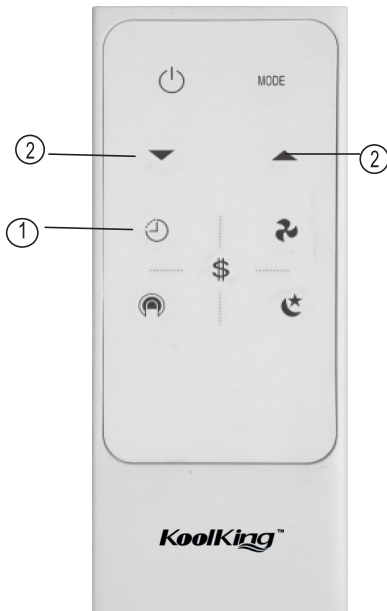
Press the TIMER button to initiate the Auto-start and Auto-stop setting program of the unit. The time can be set in range of 0~24 hours.

To set the Auto-start/stop time.

1. Press the TIMER button, when the TIMER ON indicator displayed on the LED window of the air conditioner, it indicates the Auto Start setting program is initiated. When the TIMER OFF indicator displayed on the LED window of the air conditioner, it indicates the Auto Stop setting program is initiated.
2. Press or hold the Up(▲) or Down(▼) to change the Auto time in 0.5 hour increments, up to 10 hours, then in 1 hour increments up to 24 hours. The control will count down the time remaining until start/stop.
3. The selected time will register in 5 seconds and the air conditioner will automatically revert back to display the previous temperature setting.
4. Turning the unit ON or OFF at any time will cancel the Auto Start/stop function.

NOTE: To cancel the TIMER setting, push the TIMER button and press or hold the Up (▲) or Down (▼) until 0 hour is displayed on the LCD window of the air conditioner.

Remote Controller Instructions



COMBINED TIMER

(Setting both ON and OFF timers simultaneously)

AUTO STOP → AUTO START

(On → Stop → Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

Example:

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

1. Press the TIMER button until the TIMER OFF indicator is displayed on the LED display of the air conditioner.
2. Use the UP/DOWN button to display "2.0" on the LED display of the air conditioner.
3. Press the TIMER button again to display the TIMER OFF on the LED display of the unit.
4. Use the UP/DOWN button to display "10" on the LED display of the unit.
5. Wait for 5 seconds until the previous display revert back to the LED window.

AUTO START → AUTO STOP

(Off → Start → Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

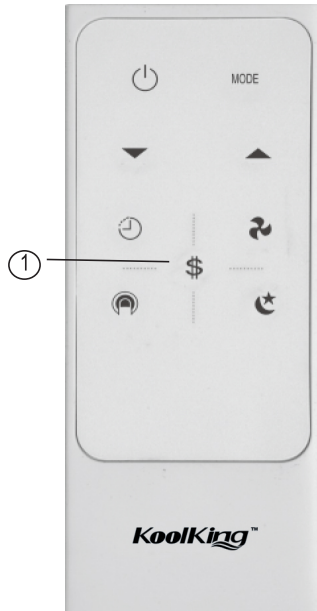
To start the air conditioner 5 hours after setting, and stop it 8 hours after setting.

1. Press the TIMER button until the TIMER ON indicator is displayed on the LED display of the air conditioner.
2. Use the UP/DOWN button to display "5.0" on the LED display of the air conditioner.
3. Press the TIMER button again to display the TIMER OFF on the LED display of the unit.
4. Use the UP/DOWN button to display "8.0" on the LED display of the unit.
5. Wait for 5 seconds until the previous display revert back to the LED window.

Remote Controller Instructions

Energy saver operation

In this mode, 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.



Remote Controller Instructions

NOTE:

- Buttons design is based on typical model and might be slightly different from the actual one you purchased, the actual shape shall prevail.
- All functions described in these instructions apply to the different models available; if your model doesn't have a specific function, pressing the corresponding button will have no effect.
- When there are wide differences between "Remote controller Illustration" and "USER'S MANUAL" on function description, the description on "USER'S MANUAL" shall prevail.
- The device could comply with the local national regulations. In Canada, it should comply with CAN ICES-3(B)/NMB-3(B). In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

Air Conditioner Warranty

Your product is protected by this warranty:

Warranty service must be obtained from Midea Consumer Services or an authorized Midea servicer.

	WARRANTY PERIOD	MIDEA, THROUGH ITS AUTHORIZED SERVICERS, WILL:	THE CONSUMER WILL BE RESPONSIBLE FOR:
FULL ONE-YEAR WARRANTY	One year from original purchase date	Pay all costs for repairing or replacing parts of this appliance which prove to be defective in materials or workmanship.	Costs of service calls that are listed under NORMAL RESPONSIBILITIES OF THE CONSUMER*
LIMITED 2ND-5TH YEAR WARRANTY (sealed system)	Second through fifth years from original purchase date	Repair or replace any parts in the Sealed Refrigeration System (compressor, condenser, evaporator and tubing) proves to be defective in materials workmanship.	Diagnostic, removal, transportation and reinstallation costs required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.

Midea replacement parts shall be used and will be warranted only for the period remaining on the original warranty.

NORMAL RESPONSIBILITIES OF THE CONSUMER*

This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below:

1. Proper use of the appliance in accordance with instructions provided with the product.
2. Proper installation by an authorized service professional in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and / or gas codes.
3. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loosen connections or defects in house wiring.
4. Expenses for making the appliance accessible for servicing.
5. Damages to finish after installation.

EXCLUSIONS

This warranty does not cover the following:

- 1) Failure caused by damage to the unit while in your possession (other than damage caused by defect or malfunction), by its improper installation, or by unreasonable use of the unit, including without limitation, failure to provide reasonable and necessary maintenance or to follow the written Installation and Operating Instructions.
- 2) Damages caused by services performed by persons other than authorized Midea servicers; use of parts other than Midea replacement parts; obtained from persons other than such Midea customer service; or external causes such as abuse, misuse, inadequate power supply or acts of God.
- 3) If the unit is put to commercial, business, rental, or other use or application other than for consumer use, we make no warranties, express or implied, including but not limited to, any implied warranty of merchantability or fitness for particular use or purpose.
- 4) Products without original serial numbers or products that have serial numbers which have been altered or cannot be readily determined.

Note: Some states do not allow the exclusion or limitation of incidental or consequential damages. So this limitation or exclusion may not apply to you.

IF YOU NEED SERVICE

Keep your bill of sale, delivery slip, or some other appropriate payment record.
 The date on the bill established the warranty period should service be required.
 If service is performed, it is your best interest to obtain and keep all receipts.
 This written warranty gives you specific legal rights. You may also have other rights that vary from state to state.
 Service under this warranty must be obtained by following these steps, in order:

1. Contact Midea Consumer Services or an authorized Midea servicer at 1 866 646 4332 MIDEA .
2. If there is a question as to where to obtain service, contact our consumer relations Department.

