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LG Window-Type Air Conditioner *OWNER'S MANUAL*



ESPAÑOL

MODELS, MODELOS: LWHD7000HR



PRECAUTIONS

Pay close attention to precautions in order to prevent potential hazards and damage from misuse or improper installation. LG is not responsible for any damages caused by misuse of the air conditioner. Window-Type Air Conditioner Owner's Manual

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🖉 FOR YOUR RECORDS

Write the model and serial numbers here:

Model

Serial #

You can find them on a label on the side of each unit.

Dealer's Name

Date Purchased

Staple your receipt to this page in the event you need it to prove date of purchase or for warranty issues.

OREAD THIS MANUAL

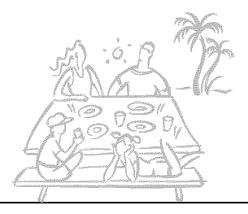
Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

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.

A PRECAUTION

- 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 invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.



Safety Precautions

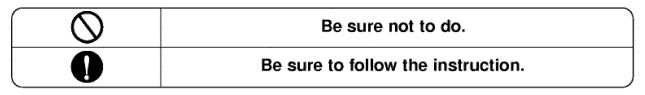
To prevent injury to the user or other people and property damage, the following instructions must be followed.

Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

WARNING This symbol indicates the possibility of death or serious injury.

 ACAUTION This symbol indicates the possibility of injury or damage to properties only.

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





Installation

Don't use a power cord, a plug or a loose socket which is damaged.

• Otherwise, it may cause a fire or electrical shock.



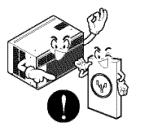
Do not disassemble or modify products.

• It may cause failure and electric shock.



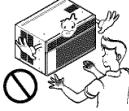
Always plug into a grounded outlet.

• Otherwise, it may cause a fire or electrical shock.



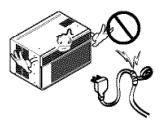
Be caution when unpacking and installing.

Sharp edges may cause injury.



Do not modify or extend the power cord length.

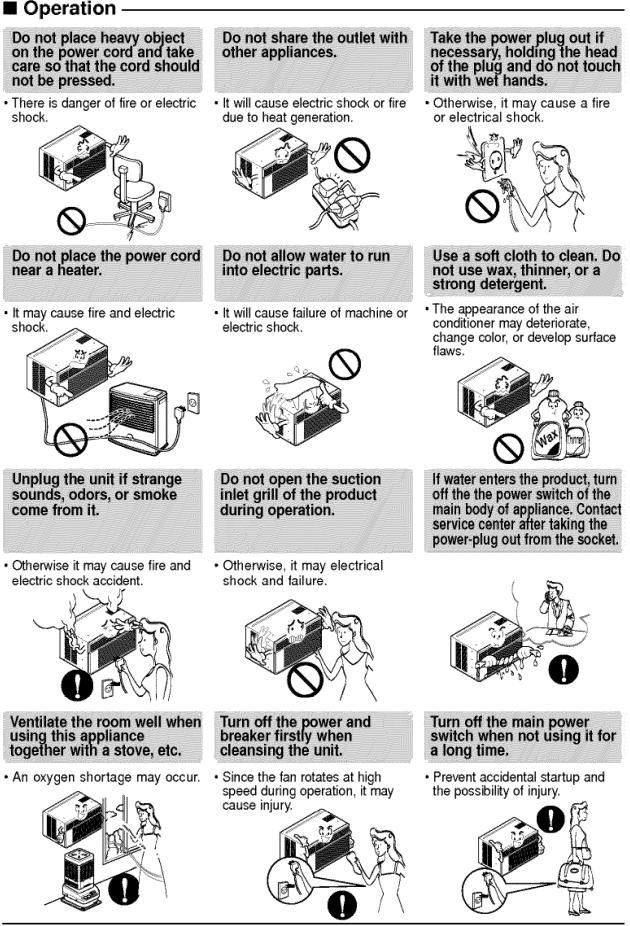
• It will cause electric shock or fire due to heat generation.



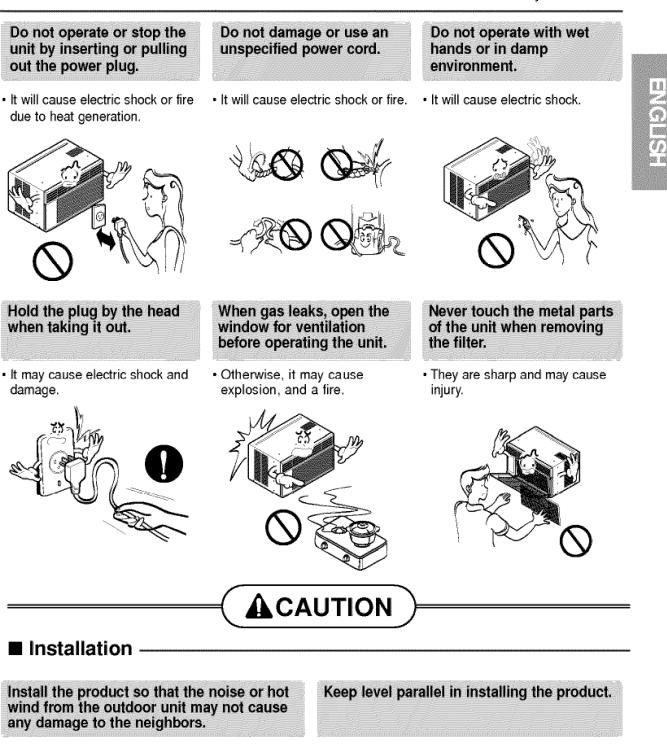
Do not use the power cord near flammable gas or combustibles such as gasoline, benzene, thinner, etc.

• It may cause explosion or fire.





4 Room Air Conditioner



• Otherwise, it may cause dispute with the neighbors.



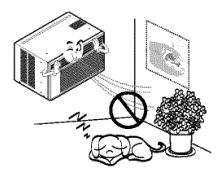
• Otherwise, it may cause vibration or water leakage.



Operation -

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

• It may cause injury.



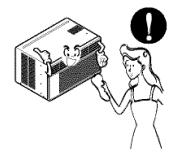
Do not block the inlet or outlet of air flow.

· It may cause product failure.



Use a soft cloth to clean. Do not use wax, thinner, or a strong detergent.

• The appearance of the air conditioner may deteriorate, change color, or develop surface flaws.



Do not step on the indoor/outdoor unit and do not put anything on it.

 It may cause an injury through dropping of the unit or falling down.

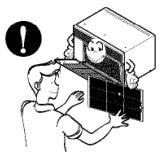
Always insert the filter securely. Clean it every two weeks.

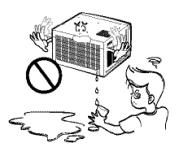
 Operation without filters will cause failure.

Do not drink water drained from air conditioner.

 It contains containments and will make you sick.







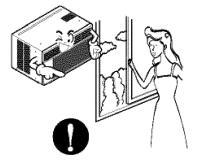
Be cautious not to touch the sharp edges when installing.

It may cause injury.



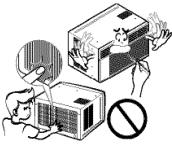
Avoid excessive cooling and perform ventilation sometimes.

• Otherwise, it may do harm to your health.



Do not insert the hands or bars through the air inlet or outlet during operation.

 Otherwise, it may cause personal injury.



Before Operation

Preparing for Operation

- 1. Contact an installation specialist for installation.
- 2. Plug in the power plug properly.
- 3. Use a dedicated circuit.
- 4. Do not use an extension cord.
- 5. Do not start/stop operation by plugging/unplugging the power cord.
- 6. If the cord/plug is damaged, replace it with only an authorized replacement part.

Usage

- 1. Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
- 2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
- 3. Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

Cleaning and Maintenance

- 1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- 2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- 3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally triggered on while cleaning inner parts of the unit.

Service

For repair and maintenance, contact your authorized service dealer.

Introduction

Symbols Used in this Manual



This symbol alerts you to the risk of electric shock.



This symbol alerts you to hazards that could cause harm to the air conditioner.

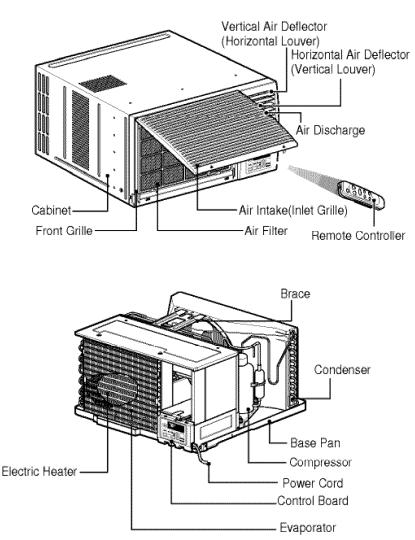


NOTICE This symbol indicates special notes.

Features (Appearance may var

AWARNING

This appliance should be installed in accordance with the National Electric Code.



Electrical Safety

230V~

Electrical Data

115V~

Power cord may include a current interrupter device. A test and reset button is provided on the plug case. The device should be tested on a periodic basis by first pressing the TEST button and then the RESET button. If the TEST button does not trip or if the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

ENGLISH

NOTICE

The shape may be different according to its model.

00

Use Wall Receptacle	Power Supply	
Standard 125V, 3-wire grounding receptacle rated 15A, 125V AC	Use 15 AMP. time delay fuse or 15 AMP. circuit breaker.	
Standard 250V, 3-wire grounding receptacle rated 15A, 250V AC		
Standard 250V, 3-wire grounding receptacle rated 20A, 250V AC	Use 20 AMP. time delay fuse or 20 AMP. circuit breaker.	

Use of extension cords

Because of potential safety hazards, we strongly discourage the use of an extension cord. However, if you wish to use an extension cord, use a CSA certified/UL-listed 3-wire (grounding) extension cord, rated 15A, 125V.

All wiring should be made in accordance with local electrical codes and regulations.

NOTICE

Aluminum house wiring may pose special problems. Consult a qualified electrician.

ELECTRICAL SAFETY IMPORTANT GROUNDING INSTRUCTIONS

Air conditioner has a three-prong grounding plug on its power supply cord, which must be plugged into properly grounded three-prong wall receptacle for your protection against possible shock hazard.

230, 208, and 230/208 VOLT UNITS

These units are equipped with a three-prong grounding plug on the power supply cord, which must be plugged into a matching properly grounded three-prong wall receptacle for your protection against possible shock hazard. If such an outlet is not present, one must be installed by a qualified electrician in accordance with the National Electrical Code and local codes and ordinances.



DO NOT USE AN EXTENSION CORD on 230, 208, and 230/208 Volt units.

Electrical Safety

IMPORTANT (PLEASE READ CAREFULLY) FOR THE USER'S PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED

The power cord of this appliance is equipped with a three-prong (grounding) plug. Use this with a standard three-slot (grounding) wall power outlet to minimize the hazard of electric shock. The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded.

DO NOT CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER PLUG.

A. SITUATIONS WHEN THE APPLIANCE WILL BE DISCONNECTED OCCASIONALLY:

Because of potential safety hazards, we strongly discourage the use of an adapter plug. However, if you wish to use an adapter, a TEMPORARY CONNECTION may be made. Use UL-listed adapter, available from most local hardware stores. The large slot in the adapter must be aligned with the large slot in the receptacle to assure a proper polarity connection.

ACAUTION

: Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal, and not insulated, and the wall receptacle is grounded through the house wiring. The customer should have the circuit checked by a qualified electrician to make sure the receptacle is properly grounded.

Disconnect the power cord from the adapter, using one hand on each. Otherwise, the adapter ground terminal might break. DO NOT USE the appliance with a broken adapter plug.

B. SITUATIONS WHEN THE APPLIANCE WILL BE DISCONNECTED OFTEN.

Do not use an adapter plug in these situations. Unplugging the power cord frequently can lead to an eventual breakage of the ground terminal. The wall power outlet should be replaced by a three-slot (grounding) outlet instead.

USE OF EXTENSION CORDS

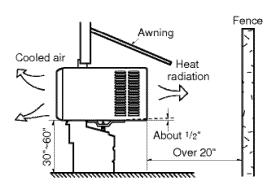
Because of potential safety hazards, we strongly discourage the use of an extension cord. However, if you wish to use an extension cord, use a CSA certified/UL-listed 3-wire (grounding) extension cord, rated at 15A, 125V.

Installation

How to Install the Unit

- 1. To prevent vibration and noise, make sure the unit is installed securely and firmly
- 2. Install the unit where the sunlight does not shine directly on the unit.
- 3. The outside of the cabinet must extend outward for at least 11" and there should be no obstacles, such as a fence or wall, within 20" from the back of the cabinet because it will prevent heat radiation of the condenser.

Restriction of outside air will greatly reduce the cooling efficiency of the air conditioner.



ACAUTION

All side louvers of the cabinet must remain exposed to the outside of the structure.

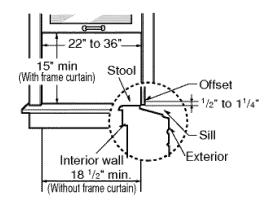
- 4. Install the unit a little slanted so the back is slightly lower than the front(about 1/2"). This will force condensed water to flow to the outside.
- 5. Install the unit with the bottom about 30"~60" above the floor level.

Window Requirements

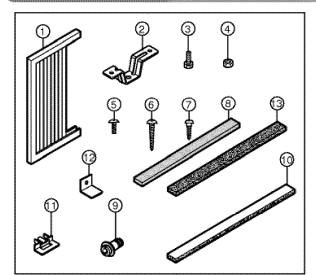
NOTICE

All supporting parts should be secured to firm wood, masonry, or metal.

This unit is designed for installation in standard double hung windows with actual opening widths from 22" to 36". The top and bottom window sash must open sufficiently to allow a clear vertical opening of 15" from the bottom of the upper sash to the window stool.



Installation Kits Contents



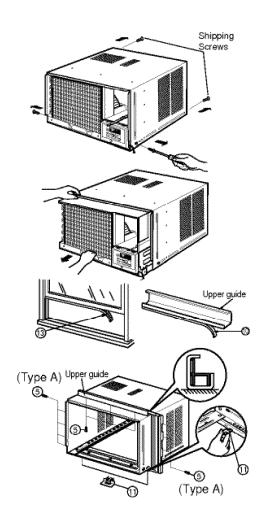
NO.	NAME OF PARTS	Q'TY
1	FRAME CURTAIN	2
2	SILL SUPPORT	2
3	BOLT	2
4	NUT	2
5	SCREW(TYPE A)	16
6	SCREW(TYPE B)	3
7	SCREW(TYPE C)	5
8	FOAM-STRIP	1
9	DRAIN PIPE	1
10	FOAM-PE	1
11	FRAME GUIDE	2
12	WINDOW LOCKING BRACKET	1
13	FOAM-PE	1

Suggested Tool Requirements

SCREWDRIVER(+, -), RULER, KNIFE, HAMMER, PENCIL, LEVEL

PREPARATION OF CHASSIS

- 1. Remove the screws which fasten the cabinet at both sides and at the back.
- 2. Slide the unit from the cabinet by gripping the base pan handle and pulling forward while bracing the cabinet.
- Cut the window sash seal to the proper length.
 Peel off the backing and attach the foam-pe
 to the underside of the window sash.
- 4. Remove the backing from the top upper guide Foam PE 1 and attach it to the bottom of the upper guide.
- 5. Attach the upper guide onto the top of the cabinet with 3 type A screws.
- 6. Insert the frame guides ① into the bottom of the cabinet.
- 7. Insert the Frame Curtain ① into the upper guide and frame guides ①.
- 8. Fasten the curtains to the unit with 4 Type A screws.



Cabinet Installation

1. Open the window. Mark a line on center of the window stool(or desired air conditioner location).

Carefully place the cabinet on the window stool and align the center mark on the bottom front with the center line marked in the window stool.

2. Pull the bottom window sash down behind the upper guide until it meets.

NOTICE

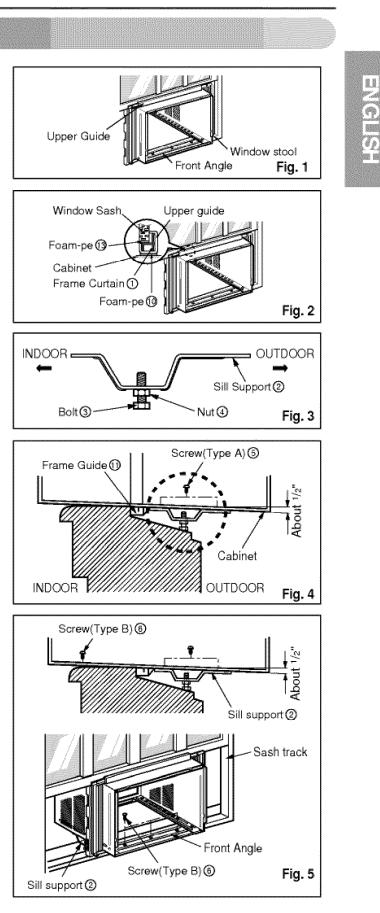
Do not pull the window sash down so tightly that the movement of Frame Curtain is restricted.

- 3. Loosely assemble the sill support using the parts in Fig. 3.
- Select the position that will place the sill support near the outer most point on sill (See Fig. 4)

NOTICE

Be careful when you install the cabinet (frame guides (f) are broken so easily).

- 5. Attach the sill support to the cabinet track hole in relation to the selected position using 2 Type A screws in each support(See Fig. 4).
- The cabinet should be installed with a very slight tilt(about 1/2") downward toward the outside (See Fig. 5). Adjust the bolt and the nut of sill support for balancing the cabinet.
- 7. Attach the cabinet to the window stool by driving the screws (6) (Type B: Length sixteen millimeters and below.) through the front angle into window stool.
- Pull each Frame curtain fully to each window sash track, and repeat step 2.



9. Attach each Frame curtain the window sash using screws ⑦(Type C).(See Fig. 6)

ACAUTION

Do not drill a hole in the bottom pan. The unit is designed to operate with approximately 1/2" of water in bottom pan.

10. Slide the unit into the cabinet.(See Fig. 7)

ACAUTION

For security purpose, reinstall screws(Type A) at cabinet's sides.

- Cut the foam-strip (3) to the proper length and insert between the upper window sash and the lower window sash. (See Fig. 8)
- 12. Attach the window locking bracket ⊕ with a type C screw. (See Fig. 9)
- Attach the front grille to the cabinet by inserting the tabs on the grille into the tabs on the front of the cabinet. Push the grille in until it snaps into place. (See Fig.10)
- Lift the inlet grille and secure it with a type A screw through the front grille. (See Fig. 11)
- 15. Window installation of room air conditioner is now completed. See ELECTRICAL DATA for attaching power cord to electrical outlet.

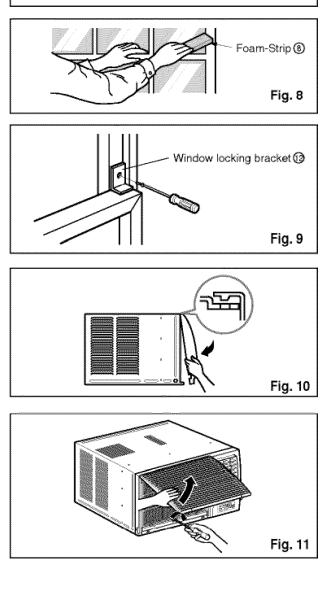


Fig. 6

Type C 🕜

Installation

How to Use the Reversible Inlet Grille

1. If you want to pull out the filter upward, open the inlet grille slightly. Turn inside out the front grille.

Disassemble the inlet grille from the front grille with separating the hinged part by inserting a "—" type screw-driver tip.

Rotate the inlet grille 180 degrees and insert the hooks into the lower holes of front grille.

Then, insert the filter. (See Fig.12, 13)

- 2. Attach the front grille to the cabinet by inserting the tabs on the grille into the tabs on the front of the cabinet. Push the grille in until it snaps into place. (See Fig.14)
- 3. Lift the inlet grille and secure it with a type A screw through the front grille. (See Fig. 15)
- 4. If you want to pull out the filter downward, use the reversible inlet grille without change.

(The grille is already assembled for that way.)

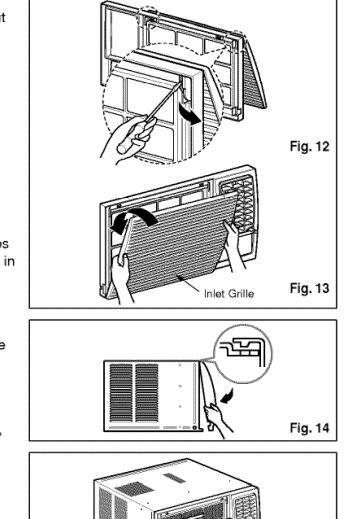
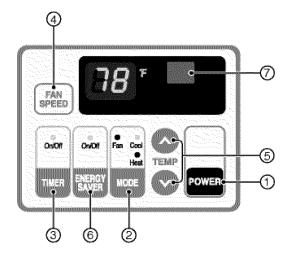


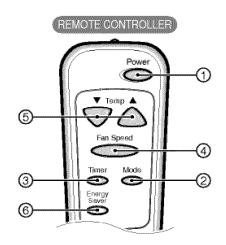
Fig. 15

Operating Instructions

Remote control

The remote control and control panel will look like one of the following pictures.





1. POWER BUTTON

To turn the air conditioner ON, push the button. To turn the air conditioner OFF, push the button again. This button takes priority over any other buttons.

2. OPERATION MODE SELECTION BUTTON

Everytime you push this button, it will toggle COOL, FAN and HEAT.

3. ON/OFF TIMER BUTTON

Everytime you push this button, timer is set as follows.(1Hour \rightarrow 2Hours \rightarrow 3Hours \rightarrow 4Hours \rightarrow 5Hours \rightarrow 6Hours \rightarrow 7Hours \rightarrow 9Hours \rightarrow 10Hours \rightarrow 11Hours \rightarrow 12Hours \rightarrow Cancel)

4. FAN SPEED SELECTOR

Everytime you push this button, it is set as follows. (Hi[F2] → Low[F1] → Hi[F2]....)

5. ROOM TEMPERATURE SETTING BUTTON

This button can automatically control the temperature of the room. The temperature can be set within a range of 60 $^{\circ}$ F to 86 $^{\circ}$ F by 1 $^{\circ}$ F.

6. ENERGY SAVER

The fan stops when the compressor stops cooling. Approximately every 3 munutes the fan will turn on and check the room air to determine if cooling is needed.

7. REMOCON SIGNAL RECEIVER

A slight heat odor may come from the unit when first switching to HEAT after the cooling season is over. This odor, caused by fine dust particles on the heater, will disappear quickly.

AUTO RESTART

When power is restored after an electrical power failure, the unit will begin to run at its last setting.

When the air conditioner has been performed its cooling operation and is turned off or set to the fan position, wait at least 3 minutes before resetting to the cooling operation again.

How to insert Batteries

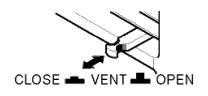
- 1. Remove the cover from the back of the remote controller.
- 2. Insert two batteries.
 - Be sure that the (+) and (-) directions are correct.
 - · Be sure that both batteries are new.
- 3. Re-attach the cover.



- Do not use rechargeable batteries. Such batteries differ from standard dry cells in shape, dimensions, and performance.
- Remove the batteries from the remote controller if the air conditioner is not going to be used for an extended length of time.

Ventilation

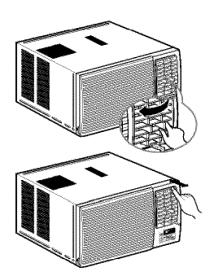
The ventilation lever must be in the CLOSE position in order to maintain the best cooling conditions. When fresh air is necessary in the room, set the ventilation lever to the OPEN position. The damper is opened and room air is drawn out.



NOTICE

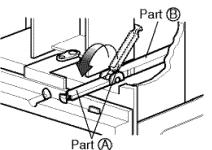
Before using the ventilation feature, position the lever, as shown. First, pull down part B to horizontal line with part B.

Air Direction



The direction of air can be controlled wherever you want to cool by adjusting the horizontal louver and the vertical louver.

- HORIZONTAL AIR-DIRECTION CONTROL The horizontal air direction is adjusted by rotating the vertical louver right or left.
- VERTICAL AIR-DIRECTION CONTROL The vertical air direction is adjusted by rotating the horizontal louver forward or backward.

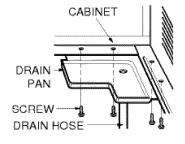


How to Attach Drain Pan(Optional)

The air conditioner employs a proper drain method whereby the condensed water (moisture removed from the air) is drained to the outside.

In very humid weather, (and for reverse cycle models in the reverse mode) excessive condensate water removed from the air may cause some water to collect. To remove this excess water you can install the drain pan as detailed below.

- 1. Take the drain pan which is located in the air discharge.
- 2. Remove the hole rubber from the base-pan (for some models).
- 3. Install the drain pan to the right corner of the cabinet with 4 (or 2) screws.
- 4. Connect the drain hose of 3/5" inside diameter to the outlet located at the bottom of the drain pan. You can purchase the drain hose or tubing locally to satisfy your particular needs. (Drain hose is not supplied).

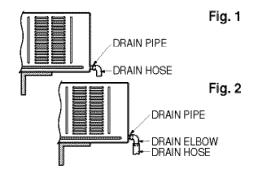


How to Connect a Drain Hose

A drain hole is provided at the rear of the air conditioner unit.

Select a drain method according to the following.

- 1. Remove the hole rubber from the base-pan. (for some models)
- 2. Connect a drain hose of 9/16" inside diameter to the drain pipe as shown in Fig. 1.
- 3. Or connect a pipe elbow of 9/16" inside diameter to the drain pipe, then connect a drain hose of 9/16" inside diameter to the pipe elbow as shown in Fig. 2.



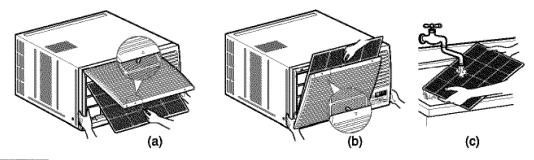
Maintenance and Service

TURN THE AIR CONDITIONER OFF AND REMOVE THE PLUG FROM THE POWER OUTLET.

Air Filter Cleaning

he air filter should be checked at least twice a month to see if cleaning is necessary. Trapped particles in the filter will build up and block the airflow. This reduces the cooling capacity and also causes an accumulation of frost on the cooling coils.

- Open the inlet grille upward by pulling out the bottom of the inlet grille.(a) In another case, you can open the inlet grille downward by pulling out the top of the inlet grille.(b)
- 2. Remove the air filter from the front grille assembly by pulling the air filter up or down slightly.
- 3. Wash the filter using lukewarm water below 40 °C (104 °F).(c)
- 4. Gently shake the excess water from the filter completely. Replace the filter.

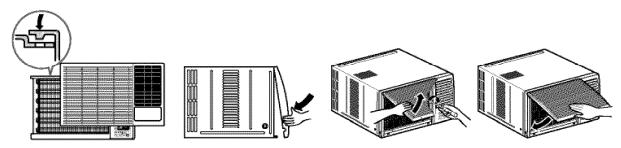


NOTICE

Mark Δ of inlet grille means opening direction.

How to Attach Front Grille to Cabinet

- 1. Pull down front grille from the cabinet top.
- Push front grille's tips toward the cabinet in order to insert front grille's tabs into the cabinet.
- 3. Open the inlet grille.
- 4. Tighten the screw through the front grille into the plate of the evaporator or base pan.
- 5. Close inlet grille.



Common Problems and Solutions

Before calling for service, please review the following list of common problems and solutions.

The air conditioner is operating normally when:

- You hear a pinging noise. This is caused by water being picked up by the condenser on rainy days or in highly humid conditions. This feature is designed to help remove moisture in the air and improve cooling efficiency.
- You hear the thermostat click. This is caused by the compressor cycle starting and stopping.
- You see water dripping from the rear of the unit. Water may be collected in the base pan in highly humid conditions or on rainy days. This water overflows and drips from the rear of the unit.
- You hear the fan running while the compressor is silent. This is a normal operational feature.

The air conditioner may be operating abnormally when:

Problem	Possible Causes	What To Do
The air conditioner does not operate at all	The air conditioner is unplugged or not plugged in completely	 Make sure the plug is completely plugged into the outlet
	The fuse is blown/circuit breaker is triggered	Check the fuse/circuit breaker box and replace the fuse or reset the breaker
	Power failure.	 In the event of a power failure, set the power control to OFF. When the power is restored, wait 3 minutes to restart the air conditioner to prevent the compressor from overloading
	The current interrupter device is tripped.	 Press the RESET button located on the power cord plug. If the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.
Air conditioner does not cool	■ Air flow is restricted	Make sure there are no curtains, blinds, furniture or other obstacles in front of the air conditioner
	TEMP Control set too higher number.	Set the TEMP control to a lower number.
	■ The air filter is dirty.	Clean the filter at least every 2 weeks. Refer to the "Maintenance and Service" section of the manual.
	The air conditioner was just turned on.	 After the air conditioner is turned on, you need to give the air conditioner some time to cool the room.
	The room may have been hot.	 When the air conditioner is first turned on you need to allow time for the room to cool down.
	Cold air is escaping.	 Check for open furnace floor resisters and cold air returns. CLOSE the air conditioner vent
	Cooling coils are iced up	See Ice appears on the air conditioner below
Ice appears on the air conditioner.	The cooling coils are iced over.	 Ice may block the air flow and obstruct the air conditioner from properly cooling the room. Set the mode control at HIGH fan or high cool with the high temperature.