Room Air Conditioner
(Window Type)
OWNER'S MANUAL

WINDOW TYPE ROOM AIR CONDITIONER

- Please read carefully and thoroughly this manual before operating this unit.
- Contact the authorized SVC man for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The appliance 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 appliance.

MODELO: LWC1215PAS
LWC1232PAS
LWC1213PAS

NOM 061 ANCE MR

Aire Acondicionado
(Tipo de Ventana)
MANUAL DEL USUARIO

Antes de usar su aire acondicionado, lea este manual cuidadosamente y manténgalo para futura referencia.

Safety precautions

Safety Precautions.....3

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Installation Instructions

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Before You Call for Service.....11

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

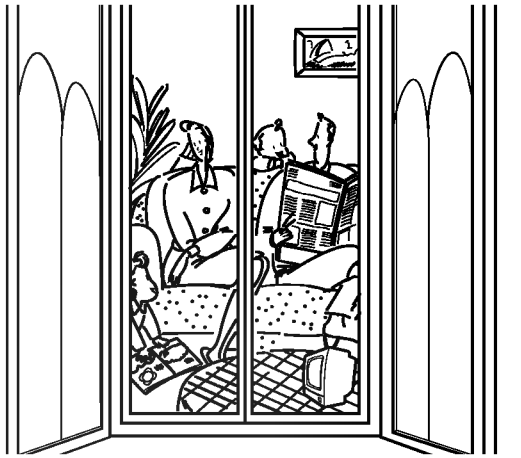
READ THIS MANUAL

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.



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 instruction will cause harm or damage, the seriousness is classified by the following indications.

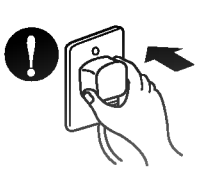
WARNING	: This symbol shows the possibility of causing death or serious injury.
CAUTION	: This symbol indicates the possibility of injury or damage to properties only.

■ The items to be followed are classified by the following symbols.

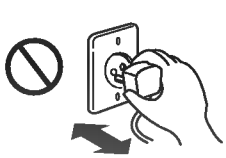
	Be sure not to do this.
	Be sure to follow the instructions.

WARNING

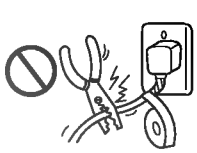
- Otherwise, it will cause electric shock or fire due to heat generation or electrical shock.



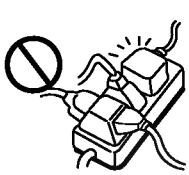
- It will cause electrical shock or fire due to heat generation.



- It will cause electrical shock or fire.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.



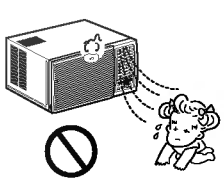
- It will cause electrical shock or fire due to heat generation.



- It may cause electrical shock.



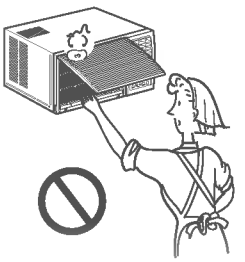
- This could damage your health.



⚠ CAUTION

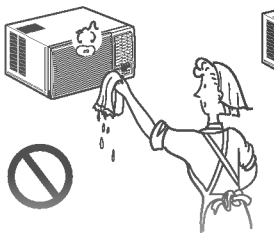
When the air filter is to be removed, do not touch the metal parts of the unit.

• It may cause an injury.



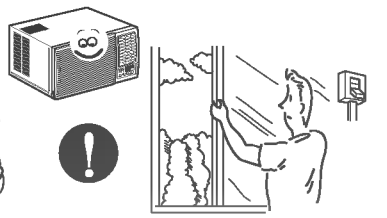
Do not clean the air conditioner with water.

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



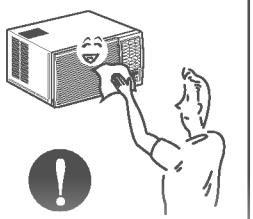
Ventilate well when used together with a stove, etc.

• An oxygen shortage may occur.

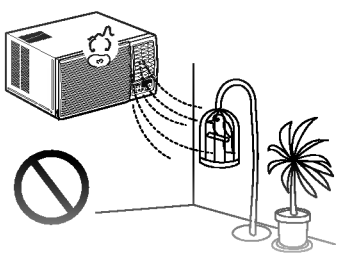


When the unit is to be cleaned, switch the unit off, and unplug it.

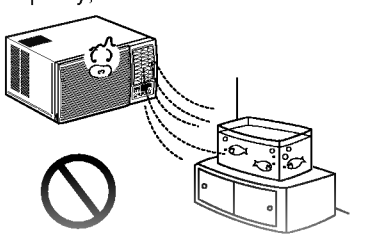
• Since the fan rotates at high speed during operation, it may cause an injury.



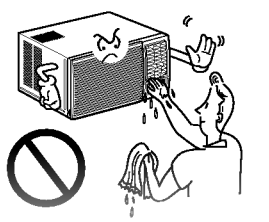
• This could injure the pets or plants.



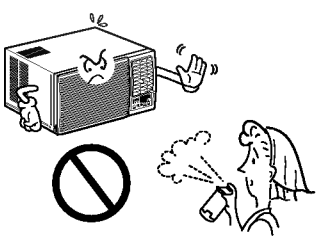
• Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.



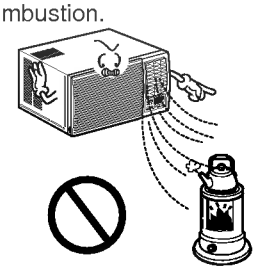
• It may cause an electric shock.



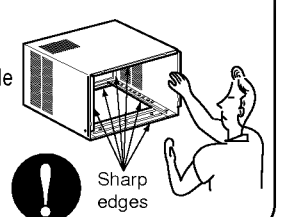
• It may cause a fire or deformation of the cabinet.



• It may cause imperfect combustion.

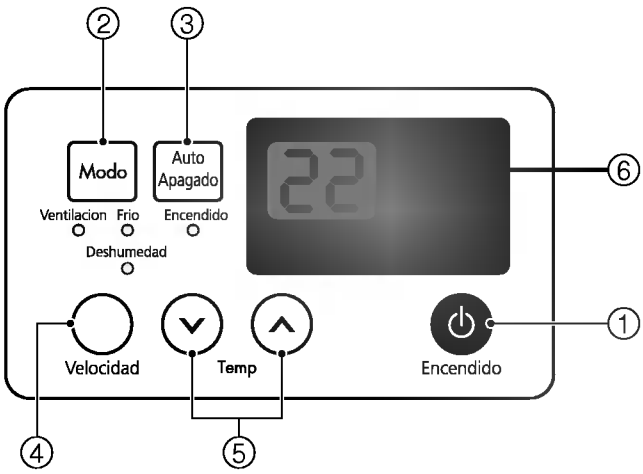


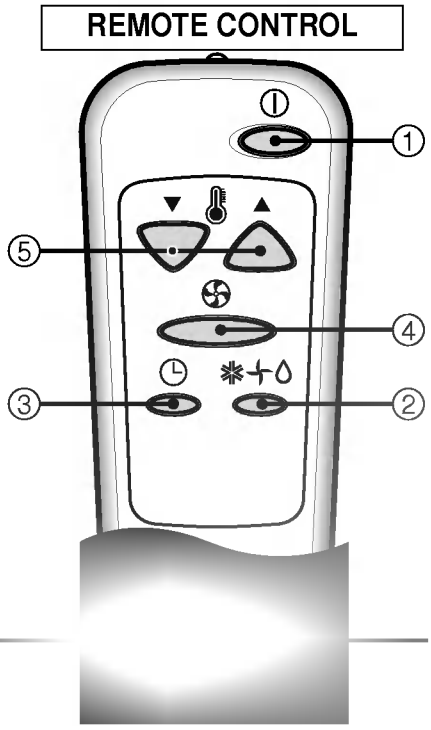
• Use caution when handling the case. Grip it firmly and do not allow it to slip while holding it.
• Use heavy gloves to handle the case if necessary.
• DO NOT allow the case to slide against your skin!



About the Controls on the air conditioner

The controls will look like one of the following.





Controls

Precaution: The Remote Control unit will not function properly if strong light strikes the sensor window of the air conditioner or it there are obstacles between the Remote Control unit and the air conditioner.

1 POWER BUTTON

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

2 OPERATION MODE SELECTION BUTTON

Select Cooling, Fan, or Dehumidification mode with this button.

3 ON/OFF TIMER BUTTON

Set the time of starting and stopping operation.
The timer is set by 1 hour.(1~12 hours)

4 FAN SPEED SELECTOR

Select the fan speed in three steps [High(E3) → Low(E1) → Med(E2) → High(E3)...]

5 ROOM TEMPERATURE SETTING BUTTON

Control the room temperature within a range of 16℃ to 30℃.

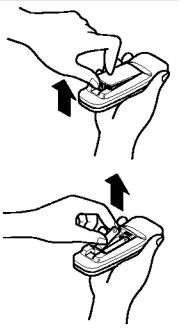
SIGNAL RECEIVER

In failure of electric power, the unit runs as previous setting operation.

How to Insert the Batteries

1. Remove the cover from the back of the remote controller.
2. Insert the two batteries.
3. Re-attach the cover.

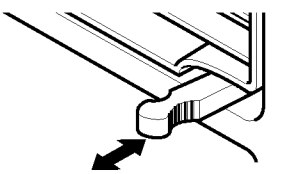
- Do not use rechargeable batteries, such batteries differ from standard dry cells in shape, dimensions, and performance.
- Remove the batteries from the remote controller if the air conditioner is not going to be used for an extended length of time.



Vent Control

The vent control is located above the control knobs.

When set at **CLOSE**, only the air inside the room will be circulated and conditioned. When set at **OPEN**, some inside air is exhausted outside.



CLOSE ▬ VENT ▟ OPEN

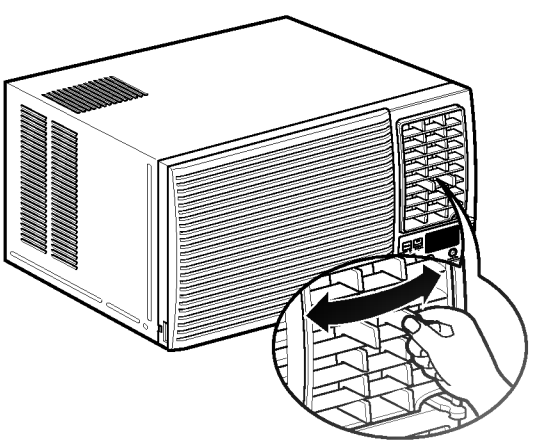
To open the vent, pull the lever toward you.

To close it, push it in.

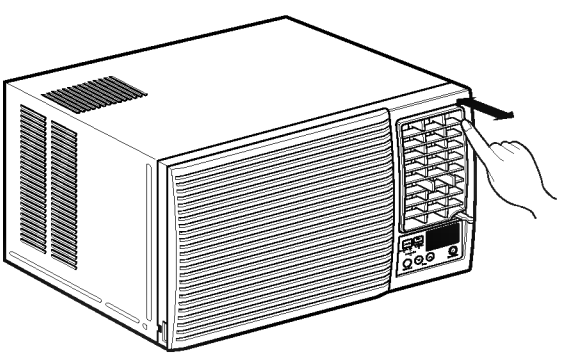
Air Direction

The direction of air can be controlled horizontally or vertically by using the horizontal louver or vertical louver.

- ***Horizontal Air-Direction***
  The horizontal air direction is adjusted by moving the inside louvers to the left or right.



- ***Vertical Air-Direction***
  Fingertip pressure on the bank of horizontal louvers adjusts the air direction up or down



Care and Maintenance

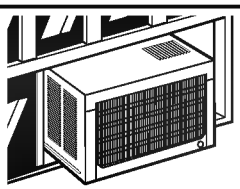
Grille and Case

Turn the air conditioner off and remove the plug from the wall outlet before cleaning.

To clean, use water and a mild detergent. Do not use bleach or abrasives.

Outdoor Coils

The coils on the outdoor side of the air conditioner should be checked regularly. If they are clogged with dirt or soot they may be professionally steam cleaned, a service available through a dealer.



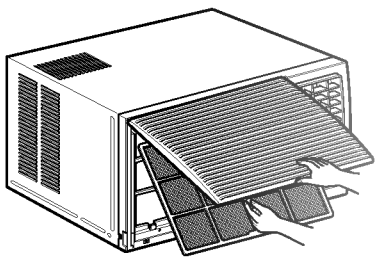
Air Filter

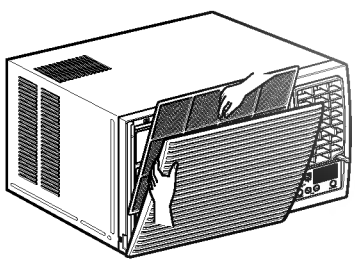
The air filter behind the front grille should be checked and cleaned at least once every 2 weeks or more often if necessary.
The grille is designed to clean the filter both upward and downward.

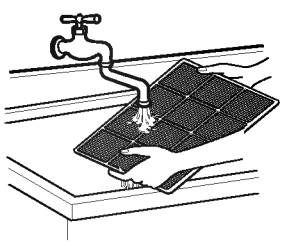
To remove:

1. Open the inlet grille upward by pulling out the bottom of the inlet grille or downward by pulling out the top of the inlet grille.
2. Using the tab, pull up slightly on the filter to release it and pull it down or up.
3. Clean the filter with warm, soapy water below 40℃ (104℉).
4. Rinse and gently shake the water from the filter and let it dry before replacing it.

CAUTION: *DO NOT operate the air conditioner without a filter because dirt and lint will clog it and reduce performance.*

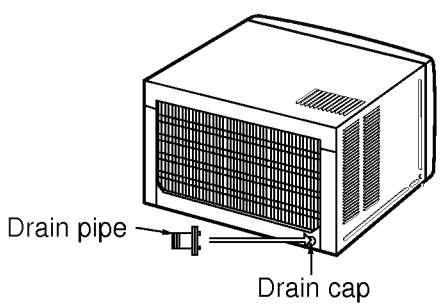






Drainage

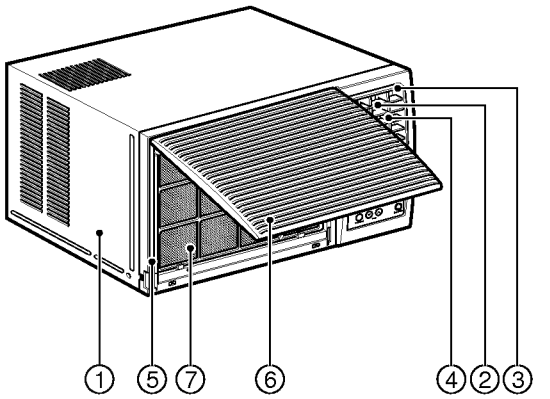
In humid weather, excess water may cause the BASE PAN to overflow. To drain the water, remove the DRAIN CAP and secure the DRAIN PIPE to the rear hole of the BASE PAN.

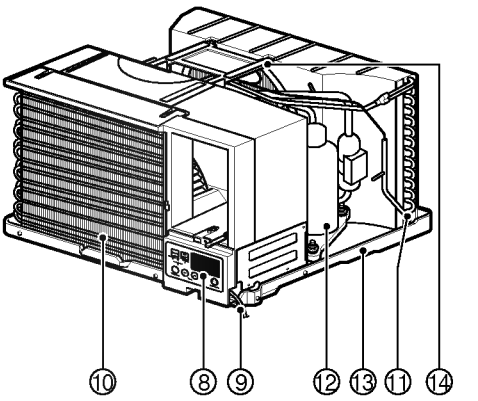


Features and Installation Hardware

Learning parts name prior to installation will help you understanding the installation procedure.

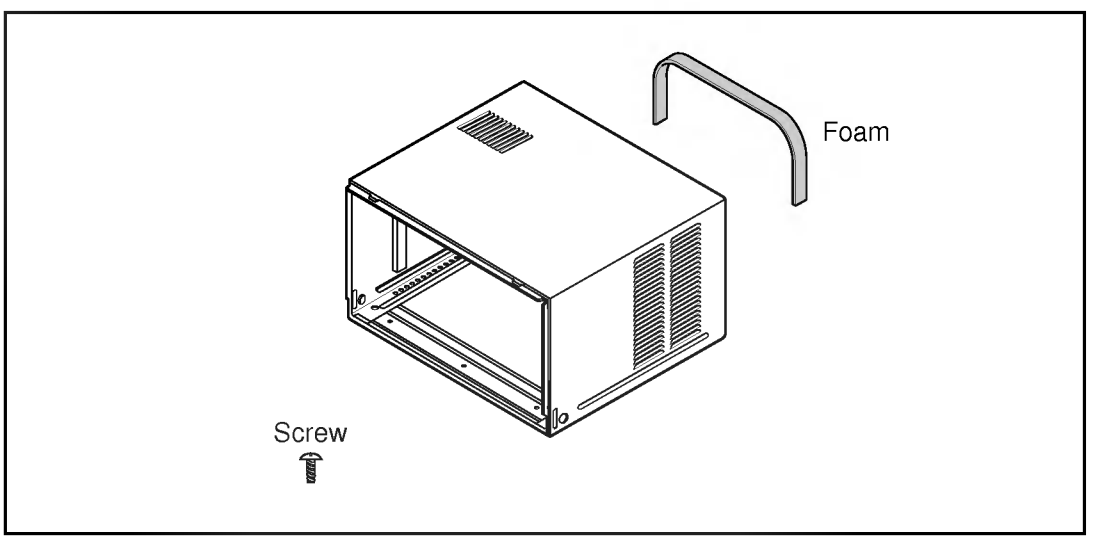
Features





1. CABINET
2. HORIZONTAL AIR DEFLECTOR (VERTICAL LOUVER)
3. VERTICAL AIR DEFLECTOR (HORIZONTAL LOUVER)
4. AIR DISCHARGE
5. FRONT GRILLE
6. AIR INTAKE(INLET GRILLE)
7. AIR FILTER
8. CONTROL BOARD
9. POWER CORD
10. EVAPORATOR
11. CONDENSER
12. COMPRESSOR
13. BASE PAN
14. BRACE

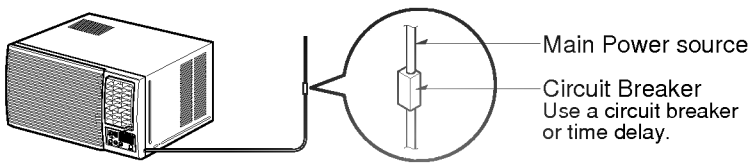
Installation Hardware



Installation Instructions

Read completely, then follow step-by step.

- The appliance shall be installed in accordance with national wiring regulation.
- If a power plug isn't to be used, provide a circuit breaker between power source and the unit, as following picture.



Select the Best Location

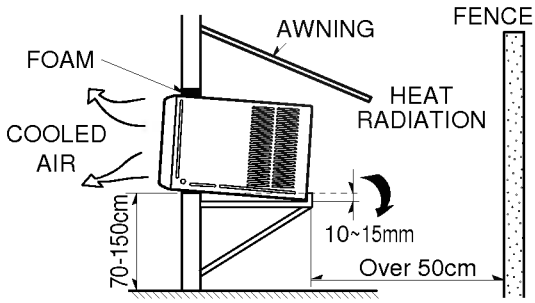
A To prevent vibration and noise, make sure the unit is installed securely and firmly.

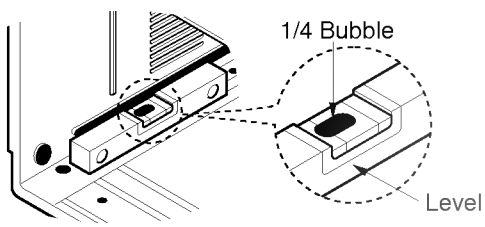
B Install the unit where the sunlight does not shine directly on the unit.

C There should be no obstacle, such as a fence or wall, within 50cm 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.

D Install the unit a little obliquely outward not to leak the condensed water into the room (about 10 ~ 15mm or 1/4 bubble with level).

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





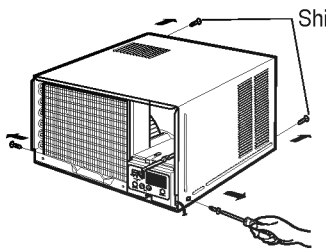
Remove the Air Conditioner From the Case

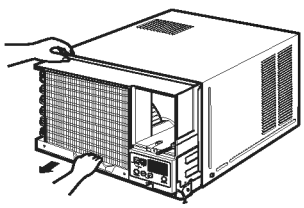
A Remove the 2 shipping screws from the back of the case.

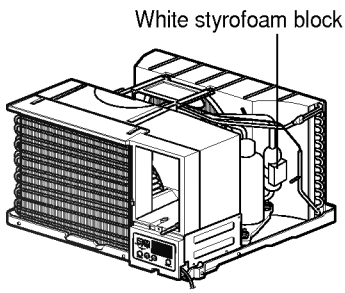
B Remove the 2 screws on each side of the case. Keep these for later use.

C Slide the air conditioner from the case by gripping the base pan handle and pulling forward while bracing the case.

D Before installing the Air Conditioner back into the case, remove the white styrofoam shipping block from the compressor.

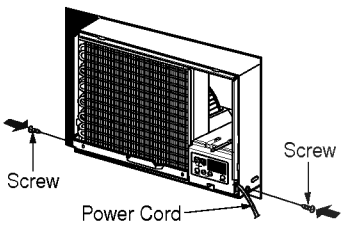






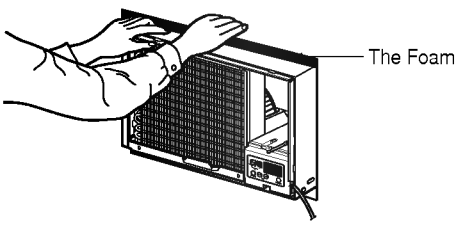
Install the Air Conditioner in the Case

A Slide the air conditioner into the case. Reinstall the 2 screws removed earlier on each side of the case.

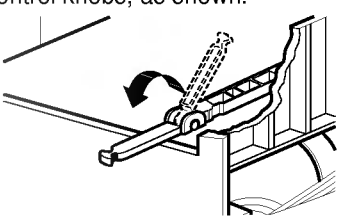


CAUTION: *The power cord must be connected to an independent circuit.*
The green wire must be grounded.

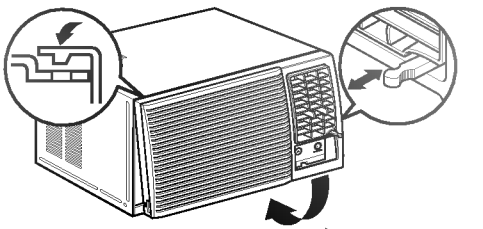
B Stuff the foam between the top of the unit and the wall to prevent air and insects from getting into the room.



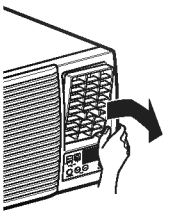
C Before installing the front grille, pull out the vent control lever located above the unit control knobs, as shown.



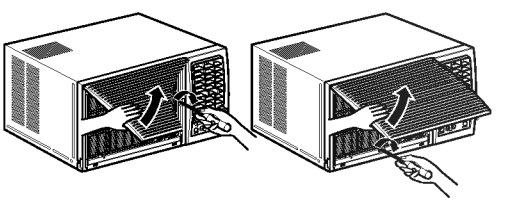
D Attach the front grille to the case by inserting the tabs on the grille into the slots on the front of the case. Push the grille in until it snaps into place.



When you detach the front grille from the case, push the grille to your right side and pull it toward you.



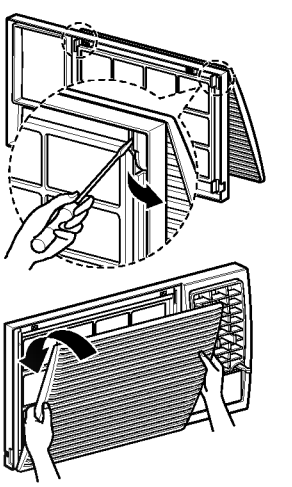
E Lift the inlet grill and secure the front grille with a screw. Lower the inlet grille into place.



Use the Reversible Inlet Grille

A 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

B If you want to pull out the filter downward, use the reversible inlet grille without change.(The grille is already assembled for that way.)



Before you call for service...

Troubleshooting Tips
Save time and money! Review the chart below first and you may not need to call for service.

Normal Operation

- You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may run even when the compressor does not.

Abnormal Operation

Air conditioner does not start	■ *The air conditioner is unplugged.*	• Make sure the air conditioner plug is pushed completely into the outlet.
	■ *The fuse is blown/circuit breaker is tripped.*	• Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	■ *Power failure.*	• If power failure occurs, turn the mode control to **OFF.** When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
Air conditioner does not cool as it should	■ *Airflow is restricted.*	• Make sure there are no curtains, blinds, or furniture blocking the 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. See the operating instructions section.
	■ *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 registers and cold air returns. • Set the air conditioner's vent to the closed position.
	■ *Cooling coils have iced up.*	• See Air Conditioner Freezing Up below.
Air conditioner freezing up	■ *Ice blocks the air flow and stops the air conditioner from cooling the room.*	• Set the mode control at HIGH fan or HIGH cool with the high temperature.