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SAFETY PRECAUTIONS

Before operating, please read the following "Safety precautions" carefully.

To prevent injury to the user or other people and properties 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 indication shows the possibility of causing death or serious injury.



Caution

: This indication shows the possibility of causing injury or damage to properties only.

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



Symbol(with white background) denotes item that is PROHIBITED from doing.

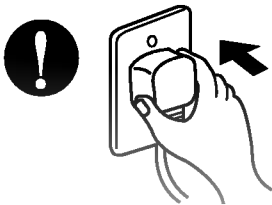


Symbol(with white background) denotes item that is COMPULSORY to be carried out.

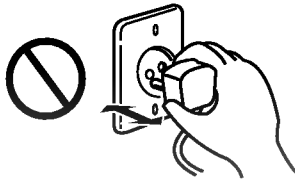


WARNING

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



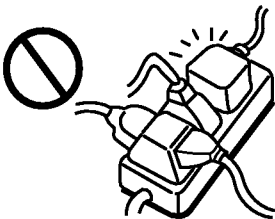
- It will cause electrical shock or fire due to heat generation.



- It will cause electrical shock or fire.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.



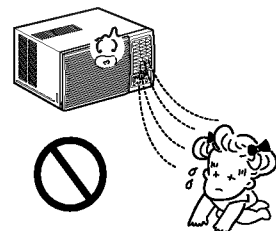
- It will cause electrical shock or fire due to heat generation.



- It may cause electrical shock.



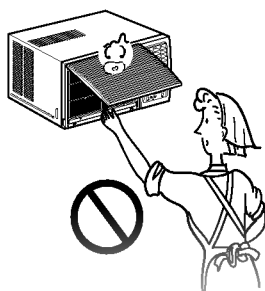
- This could damage your health.



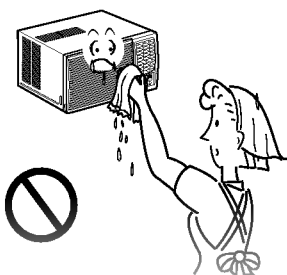


CAUTION

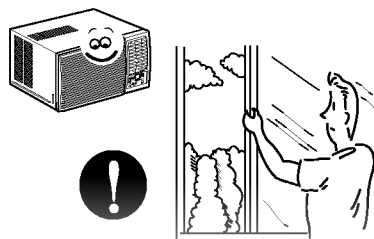
- It may cause an injury.



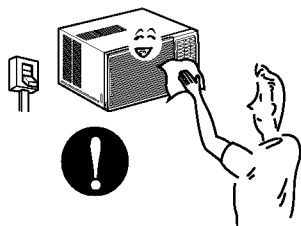
- Water may enter the unit and degrade the insulation. It may cause an electric shock.



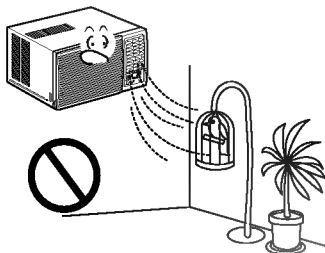
- An oxygen shortage may occur.



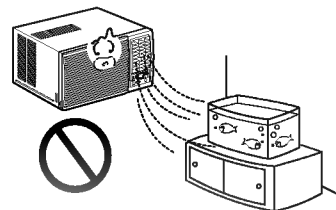
- Since the fan rotates at high speed during operation, it may cause an injury.



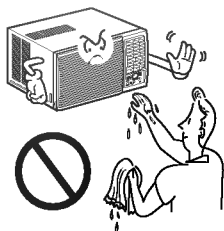
- This could injure the pet or plant.



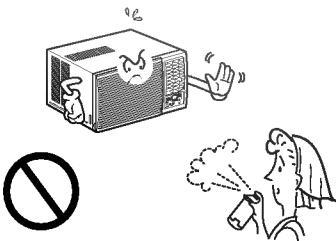
- Do not use this air conditioner to preserve precision devices, food, animal, plants and art objects. It may cause deterioration of quality, etc.



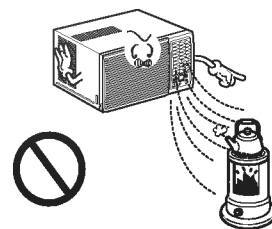
- It may cause an electric shock.



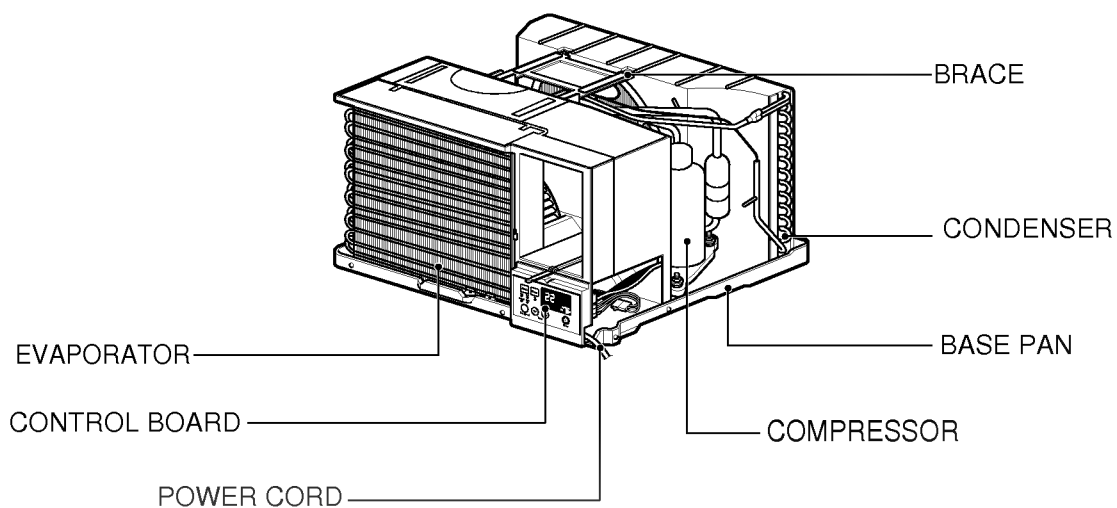
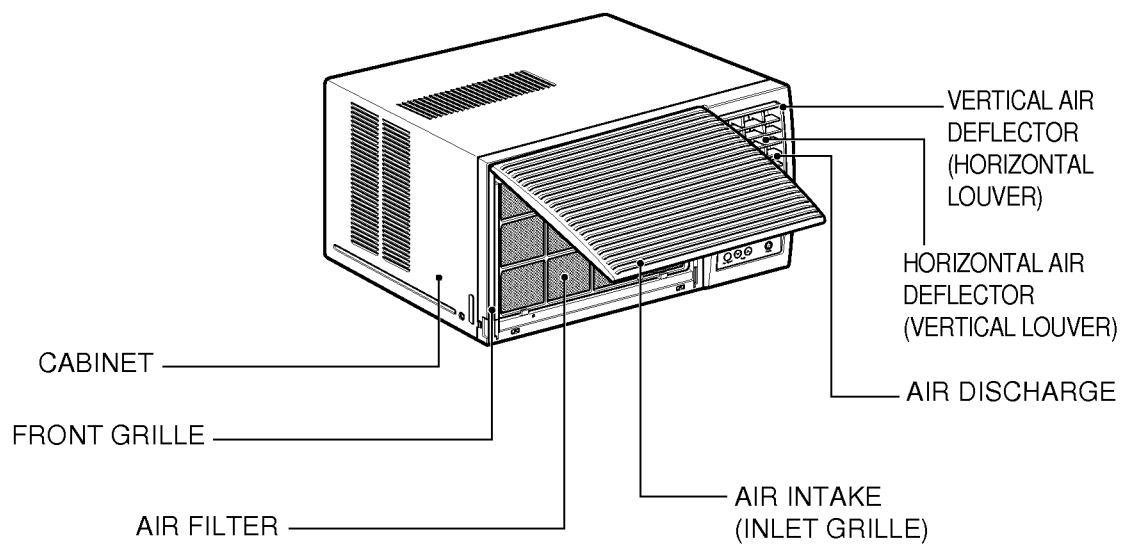
- It may cause a fire or deformation of the cabinet.



- It may cause imperfect combustion.

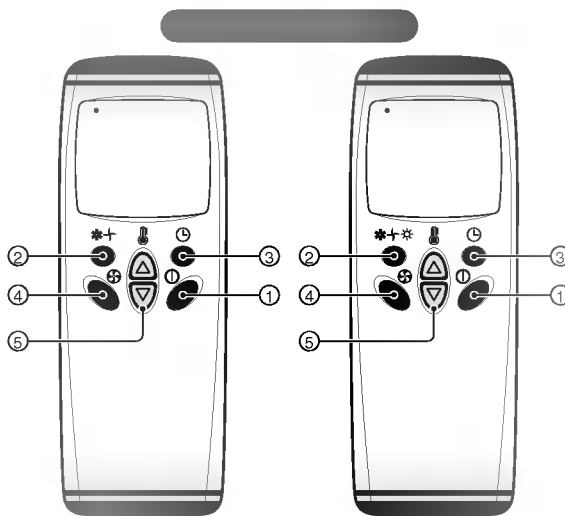
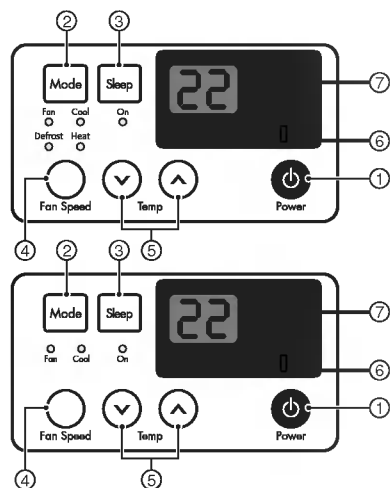


FEATURES



OPERATING

FUNCTION



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, Heating, or Fan mode with this button.

3 ON/OFF TIMER BUTTON

Set the time of starting and stopping operation.
The timer is set by 1 hour.

4 FAN SPEED SELECTOR

Select the fan speed. Cooling Model: 3 steps{High[F3] → Low[L] → Med[F2] → High[F3]...}
Heating Model: 2 steps{High[F2] → Low[L] → High[F2]...}

5 ROOM TEMPERATURE SETTING BUTTON

Control the room temperature within a range of 16°C to 30°C. The room temperature will be adjusted by 1°C 30 min., and by 2°C 1 hour later.

AUTO RESTART SWITCH

In failure of electric power, if the switch is set to "ON", the unit runs as previous setting operation when power returns.

SIGNAL RECEIVER

HOW TO INSERT BATTERIES

1 Remove the cover from the back of the remote controller.

- Slide the cover according to the arrow direction.

2 Insert the two batteries.

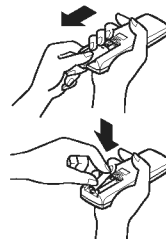
- Be sure that the (+) and (-) directions are correct.
- Be sure that both batteries are new.

3 Re-attach the cover.

- Slide it back into the position.

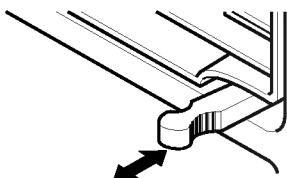
- Do not use rechargeable batteries, such batteries differ from standard dry cells in shape, dimensions, and performance.

- Remove the batteries from the remote controller if the air conditioner is not going to be used for an extended length of time.

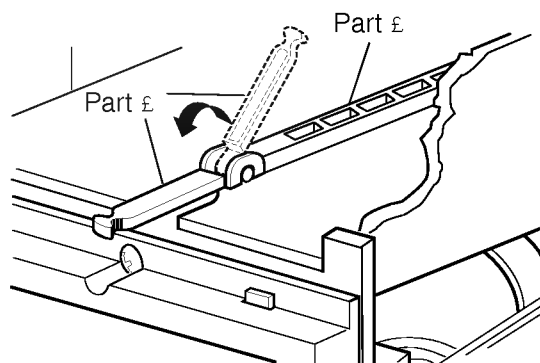


VENTILATION

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 exhausted.



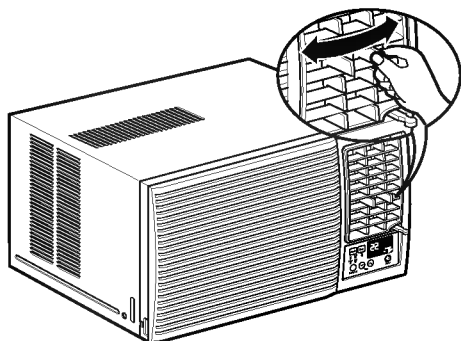
CLOSE  VENT  OPEN



NOTE: Before using the ventilation feature, make a ventilaiton kit. First, pull down part 1 to horizontal line with part 2 .

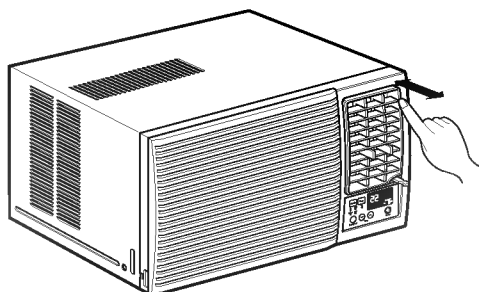
TO CONTROL AIR DIRECTION

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.



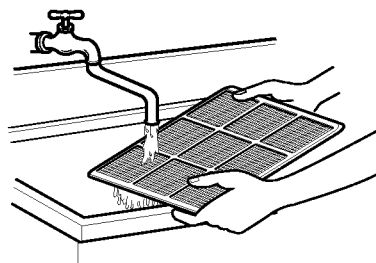
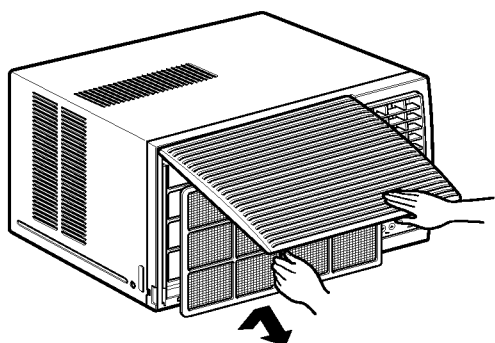
- **VERTICAL AIR-DIRECTION CONTROL**

The vertical air direction is adjusted by rotating the horizontal louver forward or backward.

AIR FILTER CLEANING

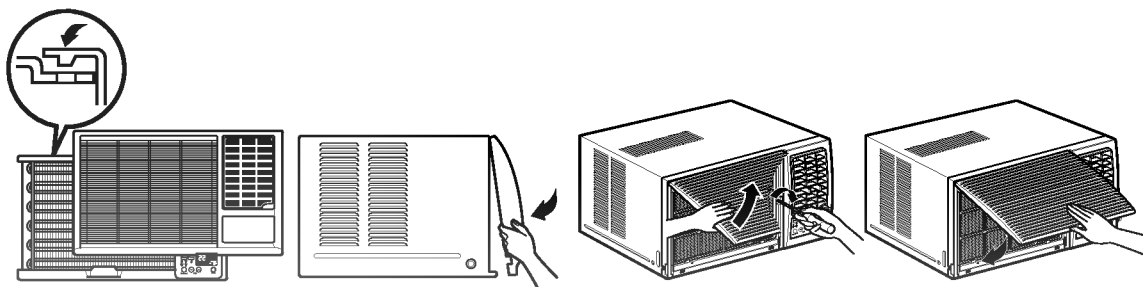
The air filter should be checked at least twice a month to see if cleaning is necessary. Trapped particles in the filter will build up and block the airflow. This reduces the cooling capacity and also causes an accumulation of frost on the cooling coils.

1. Open the inlet grille upward by pulling out the bottom of the inlet grille.
2. Remove the air filter from the front grille assembly by pulling the air filter up slightly.
3. Wash the filter using lukewarm water below 40°C(104°F).
4. Gently shake the excess water from the filter completely. Replace the filter.



HOW TO COMBINE FRONT GRILLE WITH CABINET

1. Pull down front grille from the cabinet top.
2. 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 base pan.
5. Close inlet grille.



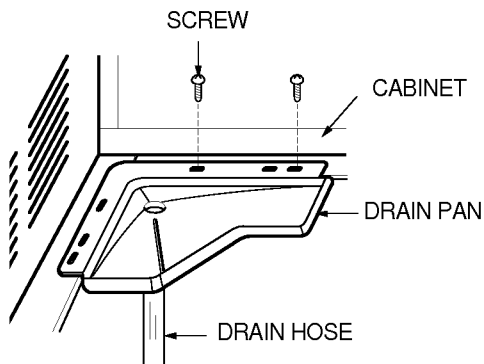
HOW TO ATTACH DRAIN PAN

The air conditioner employs a proper drain method whereby the condensate 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 or on the barrier.
2. Remove the hole rubber from the base-pan(for some models).
3. Install the drain pan to the left corner of the cabinet with 4 (or 2) screws.
4. Connect the drain hose to the outlet located at the bottom of the drain pan.

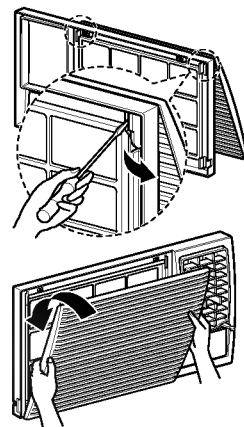
You can purchase the drain hose or tubing locally to satisfy your particular needs.
(Drain hose is not supplied)



USE THE REVERSIBLE INLET GRILLE

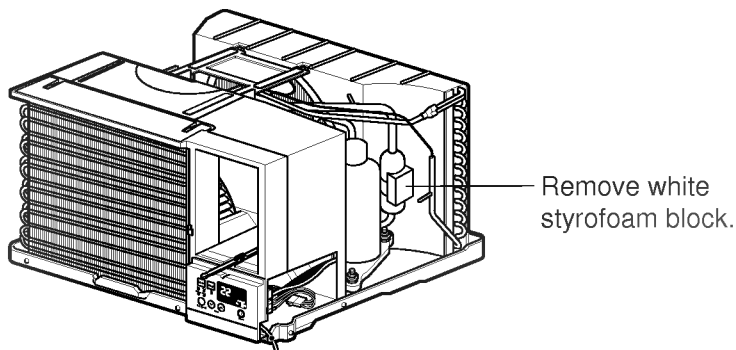
1. If you want to pull out the filter upward, open the inlet grille slightly.
Turn inside out the front grille.
Disassemble the inlet grille from the front grille with separating the hinged part by inserting a "—" type screw-driver tip. Rotate the inlet grille 180 degrees and insert the hooks into the lower holes of front grille. Then, insert the filter.

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

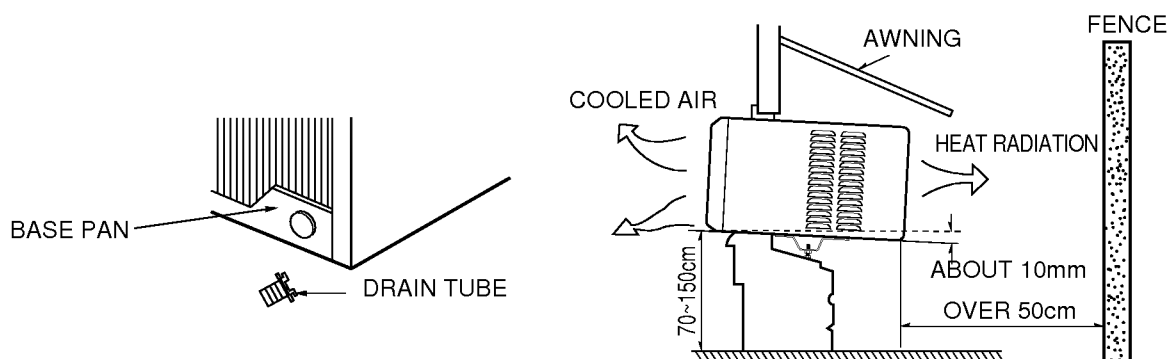


NOTE

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



INSTALLATION



1. To avoid 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.
If the unit receives direct sunlight, build an awning to shade the cabinet.
3. There should be no obstacle, like a fence, within 50cm which might restrict heat radiation from the condenser.
4. Install the unit a little obliquely outward not to leak the condensed water into the room (about 10mm)
5. Install the unit with its bottom portion 70-150cm above the floor level.
6. The power cord must be connected to an independent circuit. The green wire must be grounded.
7. Connect the drain tube to the base pan hole.
Plastic hose or equivalent may be connected to the drain tube.

BEFORE REQUESTING SERVICE

Problem	What To Do
Air conditioner does not start	<ul style="list-style-type: none"> • Make sure the air conditioner plug is pushed completely into the outlet. • Check the house fuse/circuit breaker box and replace the fuse or reset the breaker. • 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	<ul style="list-style-type: none"> • Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner. • Turn the knob to a higher setting. The highest setting provides maximum cooling. • Clean the filter at least every 2 weeks. See the operating instructions section. • When the air conditioner is first turned on you need to allow time for the room to cool down. • Check for open furnace floor registers and cold air returns. • Set the air conditioner's vent to the closed position. • See Air Conditioner Freezing Up below.
Air conditioner freezing up	<ul style="list-style-type: none"> • Set the mode control at MED fan.