



Package Air Conditioner **OWNER'S MANUAL**

Before using the conditioner please read this
manual carefully and keep it for future reference.

ITALIANO

ESPAÑOL

FRANÇAIS

DEUTSCH

Before using this conditioning unit must
be approved by the utility service
and the electrical code (1000-3 Norm).

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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 indicates the possibility of death or serious injury.

⚠ CAUTION ⚠

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

⚠ WARNING ⚠

- Do not install, remove and re-install the unit by yourself.

Improper installation will cause water leakage, electrical shock, or fire. Please consult authorized dealer or specialist for the installation work.

⚠ WARNING ⚠

Do not touch or use an uninsulated part.

- It will cause electrical shock or fire.

Do not operate with wet hand.

- It will cause electrical shock.

Do not insert anything into the fan grill.

- Since the fan rotates at high speed, this may cause an injury or damage the unit.

Do not expose the skin directly to cool air.

- This could damage your health.

When an abnormality (smell or noise, etc.) occurs, stop the operation.

- If the unit continues to operate in an abnormal condition, it may cause fire, damage, etc. In this case, consult your dealer.

Repair or replacement should not be done by the user.

- If this is done incorrectly, it may cause a fire, electric shock, injury by dropping of the unit, water leakage, etc. Consult your dealer.

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.
- 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.
- If the supply flexible cord is damaged, it must be replaced by the manufacturer or the manufacturer's service agent or similiary qualified person in order to avoid hazard.



CAUTION

When the unit is plugged into the power outlet, do not touch the power cord or the unit.

- It may cause an injury.
- Should be disconnected from supply

Do not use the unit in a wet or damp area.

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

Do not use the unit in a room with low oxygen concentration.

- An oxygen shortage may occur.

When the unit is plugged into the power outlet, do not touch the power cord or the unit.

- It may cause an electric shock, burning.

Do not use the unit in a room with a pet or plant.

- This could injure the pet or plant.

Do not place the unit on the floor.

- The unit may drop or fall down and cause an injury.

Do not touch the unit with a wet or damp cloth.

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

Do not use the unit in a room with a fire.

- It may affect combustion.

Do not touch the unit with a wet or damp cloth.

- It may cause an injury through dropping or falling down.

Do not insert your hand or finger into the unit.

- It will cause an injury, electric shock by the high voltage.

When the unit is not plugged into the power outlet, do not touch the power cord or the unit.

- If not, dirt may collect and cause a fire.

Do not touch the unit with a wet or damp cloth.

- It may cause an injury, electric shock by the high voltage.

Do not use the unit in a room with a fire.

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

Do not operate for a long time in high humidity.

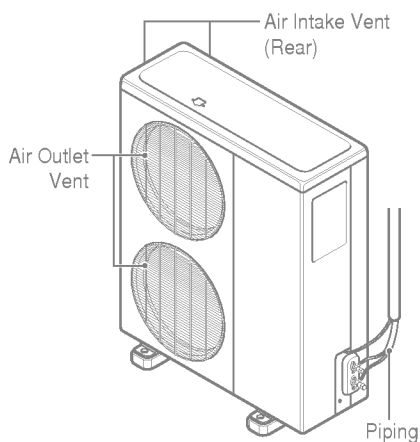
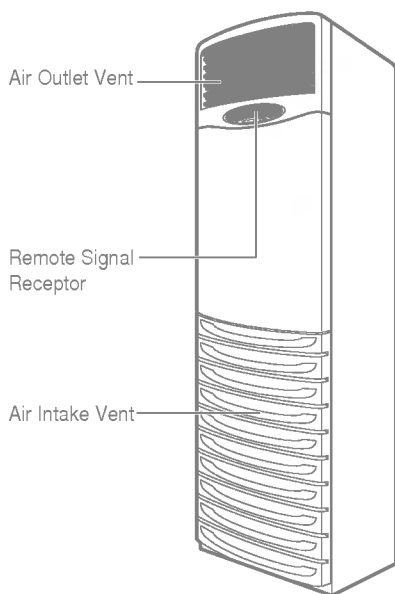
- In the cooling mode, if it is operated in a room with high humidity (80%RH or more) for a long time, water condensed in the air conditioner may drop and may wet and spoil furniture, etc.

Features and Specifications

Features

1. Designed for cooling and heating
2. Super energy efficiency
3. Micom control
4. Whisper quiet operation
5. Wireless remote control
6. Removable air filter
7. Anti-Bacteria filter
8. 3 minutes delay circuit
9. 3 Cooling/Heating speeds
10. Plasma Air Purifying system

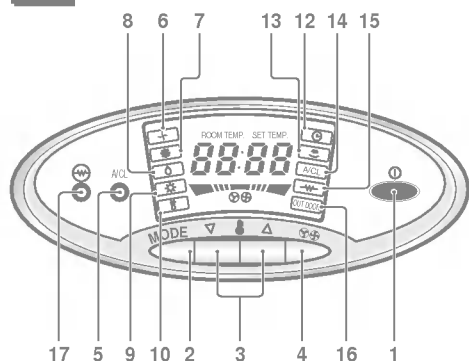
Specifications



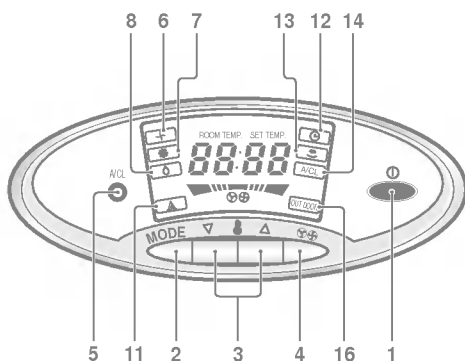
Indoor Unit Controls and Indicators

The remote control transmits the signals to the system.

Features of the Remote Control- Door Closed



(Heat Pump Model)



(Cooling Model)

1. START/STOP BUTTON

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

2. OPERATION MODE SELECTION BUTTON

Used to select the operation Mode.

3. ROOM TEMPERATURE SETTING BUTTONS

Used to select the room temperature.

4. INDOOR FAN SPEED SELECTION

Used to select fan speed in three steps- low, med, high.

5. AIR CLEANER OPERATION BUTTON (OPTIONAL)

6. FAN OPERATION LAMP

7. COOLING OPERATION LAMP

8. SOFT DRY OPERATION LAMP

9. HEATING OPERATION LAMP

10. DEFROST OPERATION LAMP

11. AUTO OPERATION LAMP

12. OFF TIMER OPERATION LAMP

13. AUTO AIRFLOW OPERATION LAMP (HORIZONTAL)

14. AIR CLEANER OPERATION LAMP (OPTIONAL)

15. ELECTRIC HEATER OPERATION LAMP

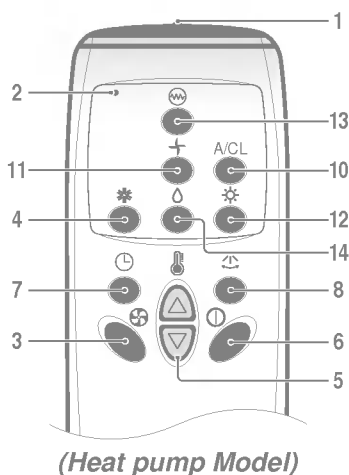
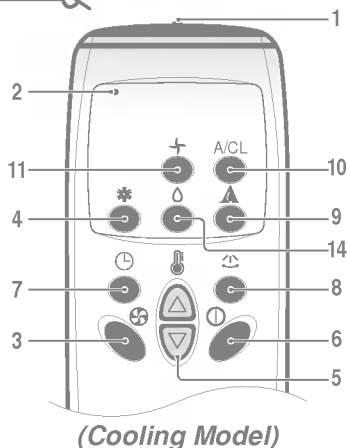
16. OUTDOOR UNIT OPERATION LAMP

17. ELECTRIC HEATER OPERATION BUTTON (OPTIONAL)

Name and Function-Remote Control



Control



1. Signal Transmitter

- Transmits the signals to the package air conditioner

2. Operation Display of the Remote Control

3. Indoor Fan Speed Selection Button

- To select the desired fan speed in three steps [Low, Med, High]

4. Cooling ON Button

5. Temperature Setting Buttons

6. Power ON/OFF Button

- Operation will start when this button is pressed, and stop when the button is pressed again.

7. Timer Set Button

- Each time the button is pressed, the mode is changed in the following process.
Timer set (1, 2, 3, 4, 5, 6, 7 hours)
If you select "0:00" the off Timer function will be cancelled.

8. Auto Airflow Direction Control Button

- The vertical louvers swing left and right.
- The horizontal louvers can be set by hand.

9. Auto Operation Button (Cooling Model Only)

10. Plasma Air purifying Button (Optional)

11. Indoor Fan Operation Button

12. Heating Button (Heat Pump Model Only)

13. Electric Heater ON/OFF Button (Optional)

14. Soft Dry Operation Button

Wireless Remote Control Puts all functions at your fingertips

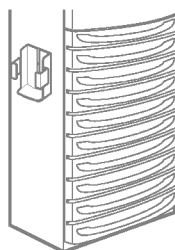
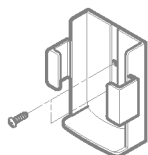
Handling the remote control

- Aim at the signal receptor on the package air conditioner when operating.
- The remote control signal can be received at a distance of up to about 7meters.
- Be sure that there are no obstructions between the remote control and the signal receptor.
- Do not drop or throw the remote control.
- Do not place the remote control in a location exposed to direct sunlight, or next to a heating unit, or other heat source.

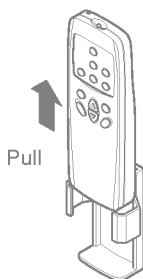
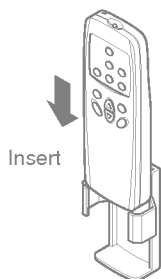
Remote Control Preparation

How to mount onto a wall

Use the screws to secure the holder to the wall or attach the holder side of indoor unit.



To insert the remote control to the holder.

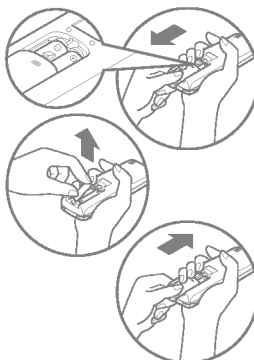


How to insert batteries

- 1 Remove the cover from the back of the remote controller.
 - Slide the cover according to the arrow direction.

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

- 3 Re-attach the cover.
 - Slide the cover into back position.

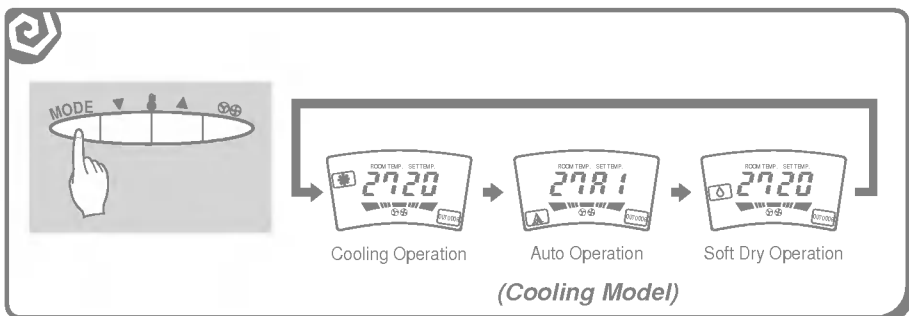
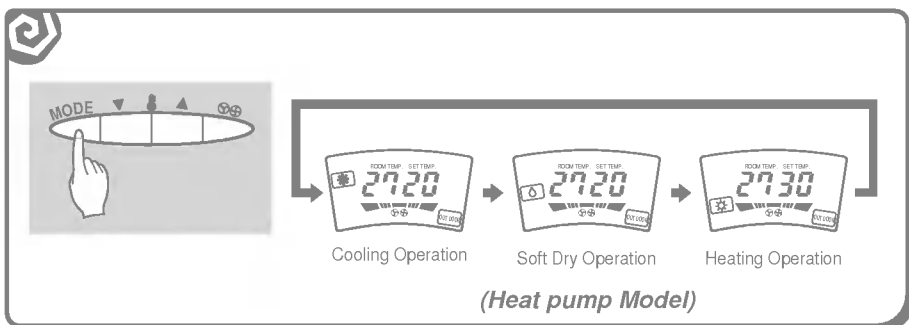


- Do not use rechargeable batteries such as batteries are different from standard dry cells in shape, dimensions, and performance.
- Change the batteries with a new one if the remote control does not work properly after using for an extended length of time.

Air conditioner operation

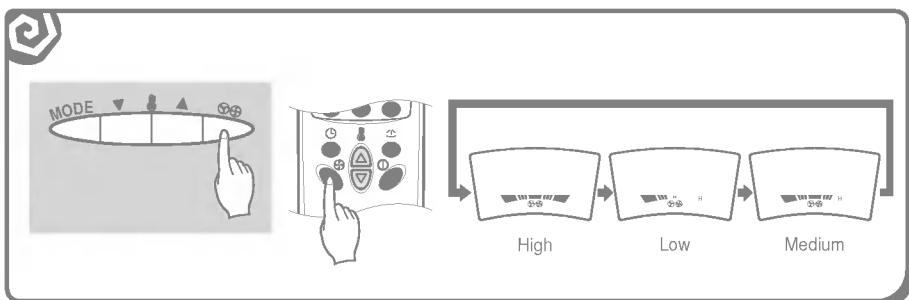
How to use the Operation Mode Button

- Each time the Operation Mode Selection Button is pressed, the Operation Mode is shifted in the arrow direction.



How to use the Fan speed Button

- Each time the Fan speed Button is pressed, the Fan speed is shifted in the arrow direction.

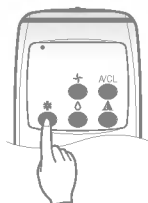
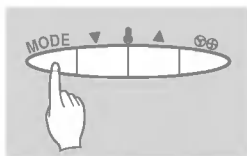


Cooling Operation Mode

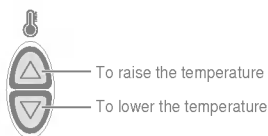
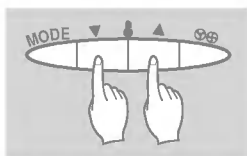
Press the Start/Stop Button.



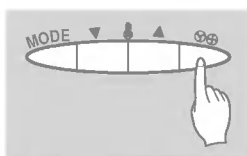
Select Cooling Operation.
Press the Operation Mode Selection Button.
Press the Cooling Operation Button on the remote controller.



Set the temperature lower than the room temperature.
The temperature can be set within a range of 16°C~30°C by 1°C.



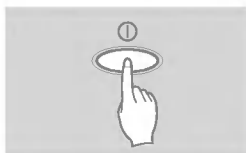
Set the Fan Speed.



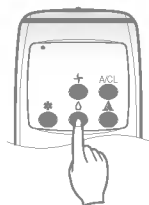
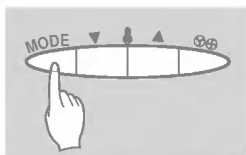
- Each time the Button is pressed, the Fan Speed mode is shifted.

Soft Dry Operation

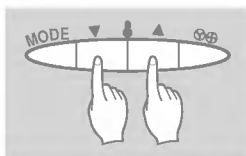
Press the Start/Stop Button.



Select Soft Dry Operation.
Press the Operation Mode Selection Button.
Press the Soft Dry Operation Button on the remote controller.



Set the temperature lower than the room temperature.
The temperature can be set within a range of 16°C~30°C by 1°C.



To raise the temperature

To lower the temperature

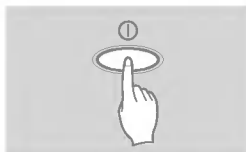


During soft Dry Operation

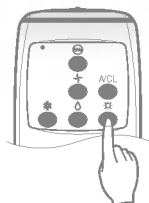
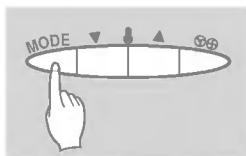
- The indoor fan speed is automatically set to low.

Heating Operation Mode(Heat Pump Model Only)

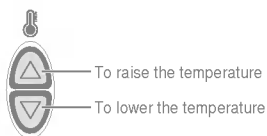
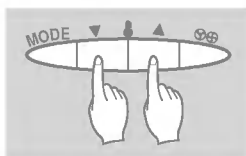
Press the Start/Stop Button.



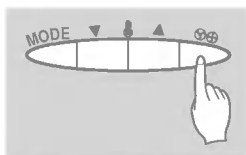
Select heating Operation.
Press the Operation Mode Selection Button.
Press the heating Operation Button on the remote controller.



Set the temperature upper than the room temperature.
The temperature can be set within a range of 16°C~30°C by 1°C.



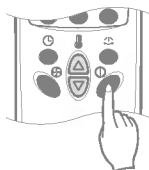
Set the Fan Speed.



- Each time the Button is pressed, the Fan Speed mode is shifted.

Electric Heater Operation Mode(Optional)

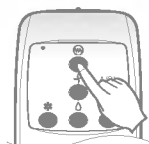
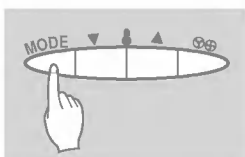
Press the Start/Stop Button.



Select heating+ E/heater Operation.

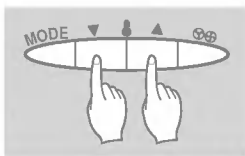
Press the Operation Mode Selection Button.

Press the Heater Operation Button on the remote controller.(When the unit operates in heating mode.)



Set the temperature upper than the room temperature.

The temperature can be set within a range of 16°C~30°C by 1°C.

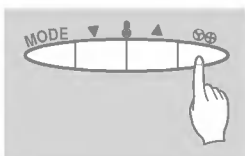


To raise the temperature

To lower the temperature



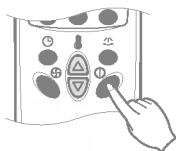
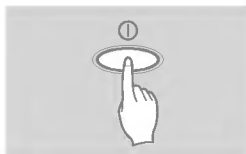
Set the Fan Speed.



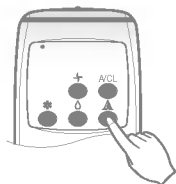
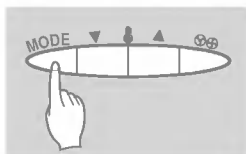
- Each time the Button is pressed, the Fan Speed mode is shifted.

Auto Operation Mode(Cooling Model Only)

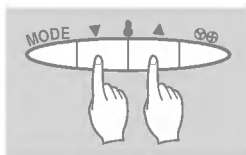
Press the Start/Stop Button.



Select Auto Operation.
Press the Operation Mode Selection Button.
Press Auto Operation Button on the remote controller.



Set the temperature upper than the room temperature.
The temperature can be set within a range of 16°C~30°C by 1°C.



(This indication will be shifted to the initial Auto Mode Display state after 4 seconds.)



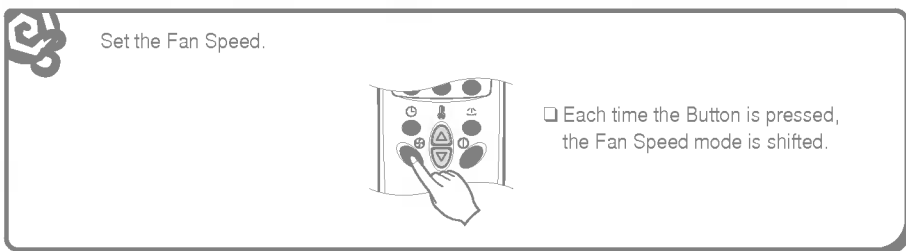
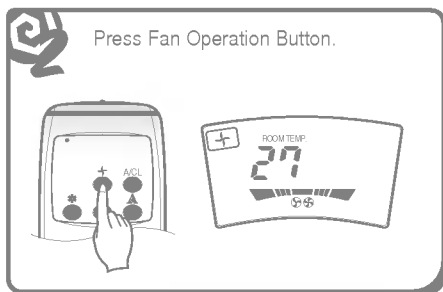
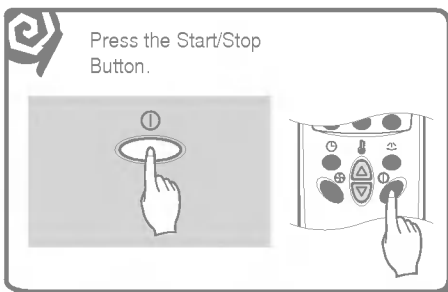
To raise the temperature. (When you feel too cool or cold)

To lower the temperature. (When you feel too warm or hot)

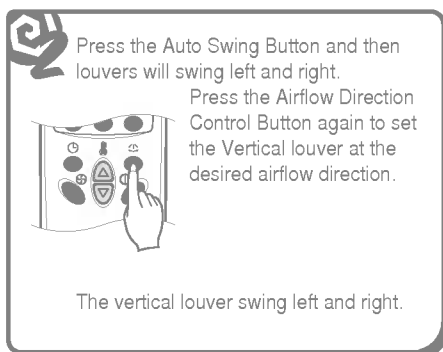
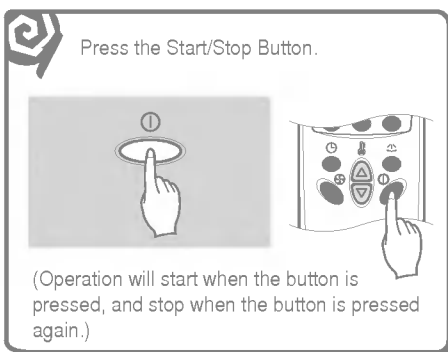
During Auto Operation

- It is impossible to switch the indoor fan speed because of being already set to the best condition by fuzzy rule.

Fan Operation Mode



Airflow Direction Procedure



Note

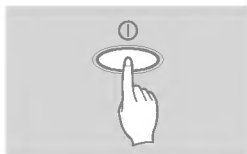
Always use the remote control to adjust the right/left airflow direction, manually moving the vertical airflow direction louver by hand could change the air conditioner.

Vertical Airflow Direction Control

Adjust the vertical airflow direction manually by moving the horizontal louvers with hand.

OFF Timer Setting Procedure(OFF TIMER Setting, or CANCEL)

Press the Start/Stop Button.



Press the Timer Button.



- If you press the button, the selected off timer is displayed as follows;

1:00→2:00→3:00→4:00→5:00→6:00→7:00→0:00

- If you select '0:00', the Off Timer function will be cancelled.

When you finish the Off Timer setting, the Timer indicator lights off.



After 4 seconds

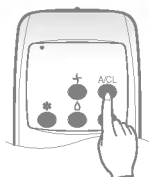


During off-timer operation if you press the Timer Button, the rest time will be displayed.

Plasma Air Purifying Operation Procedure

● Air Purifying Operation only

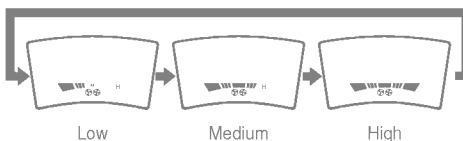
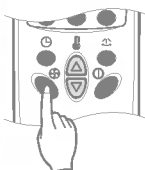
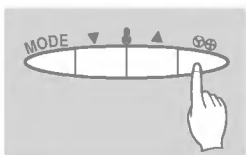
Press the Plasma Air Purifying Operation Start/Stop Button.



(Operation will start when the button is pressed, and stop when the button is pressed again.)

Select Fan speed.

The display shows low fan speed at the initial condition.



- You can operate the Plasma Air Purifying under the unit operation of cooling, heating, soft dry or Auto mode.

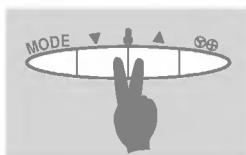
● Air Purifying Operation with Cooling or any other Operateion.

1. Press the Start/Stop Button.
2. Select the desired Operation Mode.
3. Press the Plasma Air Purifying Operation ON/OFF Button.
4. Set the fan speed.

Child Lock Operation Procedure



Press the low and high temperature setting buttons simultaneously for 3 seconds. The unit will respond with beep.



After 3 seconds,
it will be shifted.



After 3 seconds,
it will be shifted.



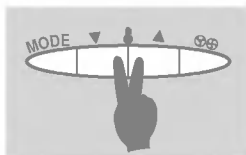
During Child Lock Operation

- ❶ Whenever you press any Button on Display Panel, it will immediately display "LOC", which means Display panel is Locked.
- ❷ All the Button on the indoor unit Display panel will not work.
- ❸ But the Button on the remote controller will work.



For releasing child lock Operation

Press the low and high temperature setting buttons simultaneously for 3 seconds again. The unit will respond with beep, Child Lock Operation will removed.



After pressing
the buttons it will be shifted
immediately



After 3 seconds,
it will be shifted.



Auto restart

In case the power comes on again after a power failure, Auto Restarting Operation is the function to operate procedures automatically to the previous operating conditions.

Care and Maintenance

CAUTION: Before performing any maintenance, turn off the main power to the system.

During the season

Cleaning of the air filters. Recommended about once every two weeks

- 1 Remove the Air Filter.
Take hold of the tab and pull slightly forward to remove the filter.
- 2 Clean.
 - To remove the dust adhering to the filters, either use a vacuum cleaner, or wash them in water and dry in the shade.
 - Re-insert the filter to the original position.

Cleaning of the air conditioner

- Don't wash with water.
- Wipe with a soft dry cloth.

Cleaning of the air cleaner. Recommended about once every three months

- 1 Remove the Air Cleaner.
Take hold of the tab and pull slightly forward to remove the air cleaner.
- 2 Clean.
 - Dip the air cleaner into the water mixed with detergent, for 20~30 minutes, and dry in the shade.
 - Re-insert the air cleaner to the original position.

Never use any of the followings.

- Water hotter than 40°C.
Could cause deformation
and/or discoloration.
- Volatile substances.
Could damage the surfaces
of the air conditioner.

When the air conditioner is not going to be used for a long time.

- 1 Operate the air conditioner at the following settings for 2 to 3 hours.
 - Type of operation : Cooling.
 - Temperature setting : 30°C.
 This will dry out the internal mechanisms.
- 2 Remove the batteries from the Remote Control.
- 3 Turn off the circuit breaker.

CAUTION
Turn off the circuit breaker when the air conditioner is not going to be used for a long time.
Dirt may collect and may cause a fire.

- 1 Clean the air filters, re-insert, then operate the air conditioner.
- 2 Be sure that nothing obstructs the air outlet and intake vents.

Operation Tips

This is not good for your health and wastes electricity.

Avoid opening doors and windows as much as possible to keep the cool air in the room.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects. Clean at least once every two weeks.

Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Before you call for service...



Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the fault persists, please contact your dealer or service center.

Case	Explanation	See page
Does not operate.	• Have you made a mistake in timer operation?	
	• Has the fuse blown or has the circuit breaker been tripped? • Is the power Switch at Off? • Is the unit at the starting of Heating Operation? If yes, Hot-start is activating. • Is the unit in the Deicing? If yes, wait for finishing the Deicing.	-
The room has a peculiar odor.	• Check that this is not a damp smell exuded by the walls, carpet, furniture, or cloth items in the room.	-
It seems that condensation is leaking from the air conditioner.	• Condensation occurs when the airflow from the air conditioner cools the warm room air.	-
Air conditioner does not operate for about 3 minutes when restarted.	• This is the Protection device of the air conditioner . • Wait about three minutes and operation will begin. • If the airflow begins before its temperature become warm, it will cause an undesired cooling effect. In order to prevent this, the airflow will not begin until it is sufficiently warm.	
Does not cool or heat effectively.	• Is the air filter dirty? See air filter cleaning instructions.	18
	• The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down.	-
	• Has the temperature been set incorrectly? • Are the indoor unit's air inlet or outlet vents obstructed?	-
The air conditioner operation is noisy.	• For a noise that sounds like water flowing. -This is the sound of freon flowing inside the air conditioner unit. • For a noise that sounds like the compressed air releasing into atmosphere. -This is the sound of the dehumidifying water being processed inside the air conditioning unit.	-
Remote controller display is faint, or no display at all.	• Are the batteries depleted? • Are the batteries inserted in the opposite (+) and (-) directions?	7

