



Room Air Conditioner OWNER'S MANUAL

- 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.

Prior to installation, the air-conditioning unit must be submitted for approval by the utility service which provides electricity (EN 61000-3 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 reinstall the unit by yourself.**
 - Improper installation will cause water leakage, electrical shock, or fire. Please consult authorized dealer or specialist for the installation work. Please note fault caused by improper installation is not covered by warranty.
 - Unit must be installed in an easily accessible area. Any additional cost required to hire a special equipment to service the unit will be the responsibility of the customer.

⚠ **WARNING**



- 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.



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



- This could damage your health.



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



- 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.
- Young children should be supervised to ensure that they do not play with the air conditioner.

⚠ CAUTION ⚠

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

- 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.

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

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

- It may affect combustion.

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

- It will cause an injury by the rotating blower.

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

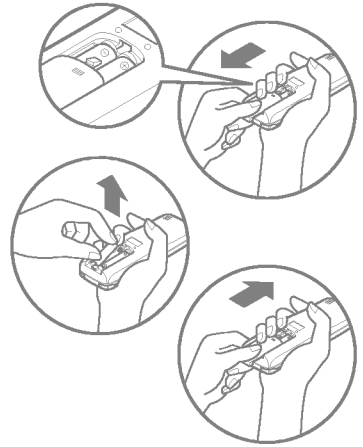
- It may cause an injury, etc. by falling down.

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

Preparation before operation

How to Insert the Batteries in the remote control

- 1 Remove the battery cover by pulling it according to the arrow direction.
- 2 Insert new batteries making sure that the (+) and (-) of battery are installed correctly.
- 3 Reattach the cover by sliding it back into position.

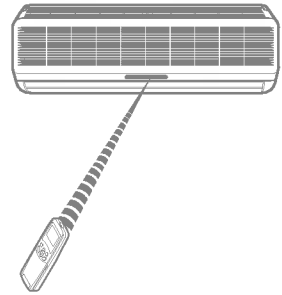
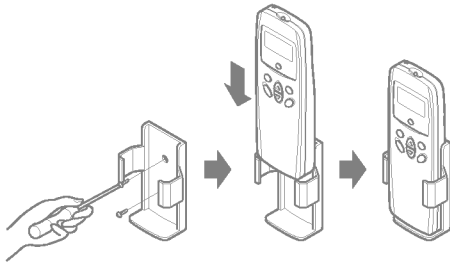


NOTES:

- Use 2 AAA(1.5volt) batteries. Do not use rechargeable batteries

Storage and Tips For Using the Remote Control

- The remote control may be stored mounted on a wall.
- To operate the room air conditioner, aim the remote control at the signal receptor.
- The remote control will operate the air conditioner at a distance of up to 4m.
- Above an angle of 20° on the basis of center, available of transmitting may be less than 4m.

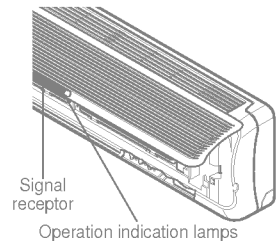


Signal Receptor

Receives the signals from the remote controller.
(Signal receiving sound:two short beeps or one long beep.)

Operation Indication Lamps

- Ⓛ On/Off : Lights up during the system operation.
- 💧 Soft dry : Lights up during dehumidification mode operation.
- 🕒 Timer : Lights up during timer operation.
- OUT DOOR OPERATION : Light up during outdoor unit operation.
(Although outdoor unit doesn't work, light up exceptionally.)



Signal receptor

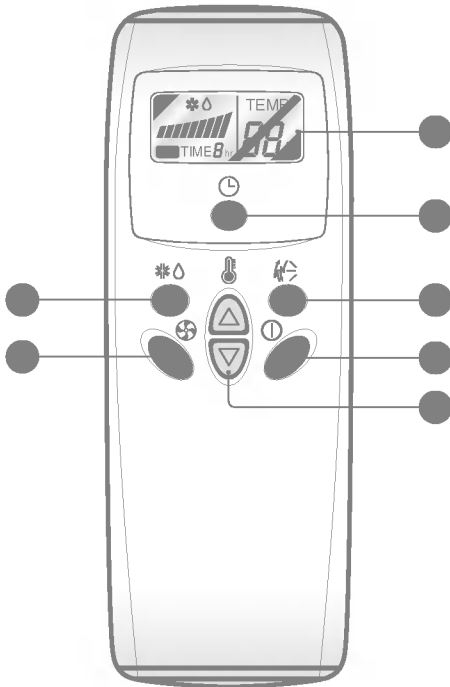
Operation indication lamps

About the remote control on the system

The remote control transmits the signals to the system.



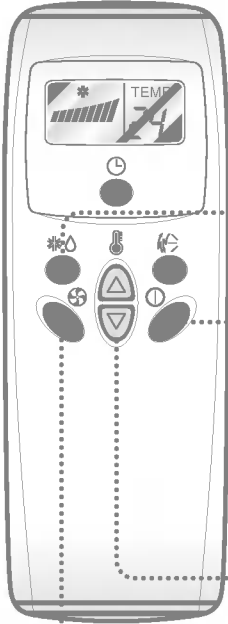
Features of the Remote Control



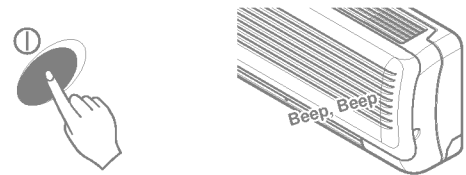
- OPERATION DISPLAY**
Displays the operation conditions.
- CHAOS SWING BUTTON**
Used to stop or start louver movement and set the desired up/down airflow direction.
- OPERATION MODE SELECTION BUTTON**
Used to select the operation mode.
- OFF TIMER BUTTON**
Used to set the time of stopping operation.
- START/STOP BUTTON**
Operation starts when this button is pressed, and stops when the button is pressed again.
- ROOM TEMPERATURE SETTING BUTTONS**
- INDOOR FAN SPEED SELECTION BUTTON**

Operation mode selection

Cooling Operation

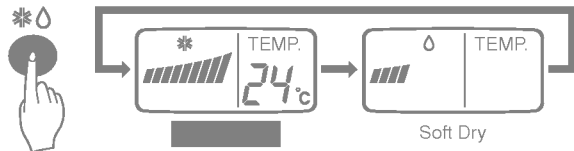


1 Press the Start/Stop Button.



2 Select Cooling Operation.

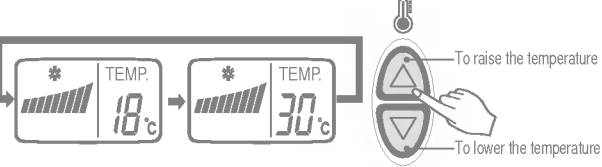
Press the Operation Mode Selection Button. Each time the button is pressed, the operation mode is shifted in the arrow direction.



Soft Dry

3 Set the temperature lower than the room temperature.

- The temperature can be set within a range of 18°C~30°C by 1°C.

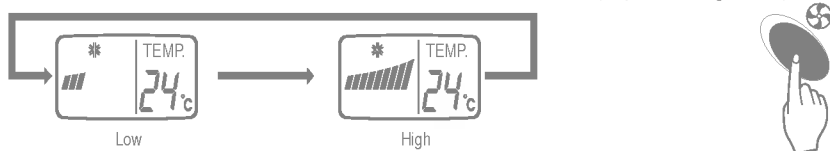


To raise the temperature

To lower the temperature

4 Set the fan speed.

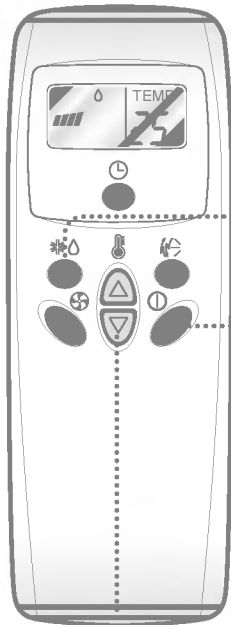
- You can select the fan speed in four steps - low, high.
- The display shows high fan speed.





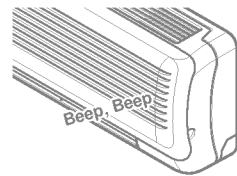
Soft Dry Operation Mode

This mode dehumidifies without overcooling.



1

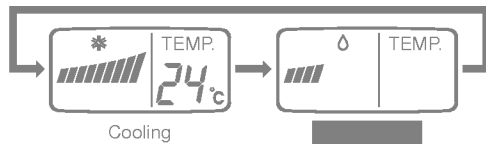
Press the Start/Stop Button.



2

Select Soft Dry Operation.

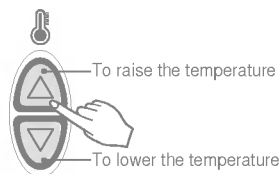
Press the operation Mode Selection Button. Each time the button is pressed, the operation mode is shifted in the arrow direction.



3

Set the Temperature lower than the room temperature.

- The temperature can be set within a range of 18°C~30°C by 1°C.

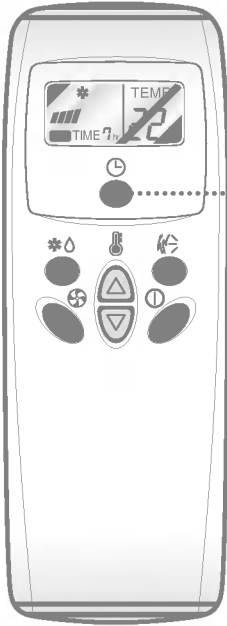


4

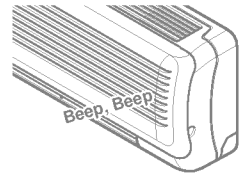
During Dry Operation.

- The indoor fan speed is automatically set to the low, so the shift of the indoor fan speed is impossible because of already being set to the best speed for Dry Operation by Micom Control.
- The indoor fan may be stopped not so as to be the room overcooling.

Timer control Setting



Press the OFF Timer Button.

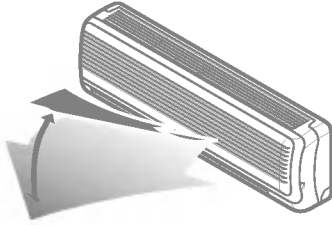


1. Press the OFF Timer Button.
2. Check the OFF Time LED of the room air conditioner.
3. The Timer is programmed by 1 hour each pressing the OFF Time button from 1 hour to 7 hours.



Vertical Airflow Direction Control

The up/down airflow (Vertical Airflow) can be adjusted by using the remote control.



- Press the Start/Stop button to start the unit.
- Press Chaos Swing button and the louvers will swing up and down. Press the Chaos Swing button again to set the Horizontal louver at the desired airflow direction.

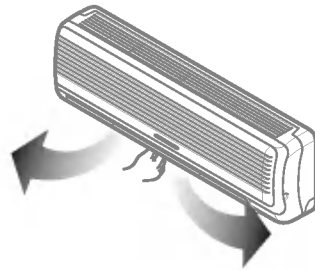


Note:

- If you press the CHAOS swing button, the horizontal airflow direction is changed automatically based on the CHAOS algorithm to distribute the air in the room evenly and at the same time to make the human body feel most comfortable, as if enjoying a natural breeze.
- Always use the remote control to adjust the up/down airflow direction. Manually moving the vertical airflow direction louver by hand could damage the air conditioner.
- When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.

To adjust left/right(Horizontal Airflow) direction

Caution : Ensure unit is turned off before adjusting the horizontal airflow direction control. Carefully open vertical louver to allow access to the horizontal airflow direction. Adjust the left/right airflow direction by hand.



Slide Switch Operation

FORCED OPERATION

Operation procedures when the remote control can't be used.

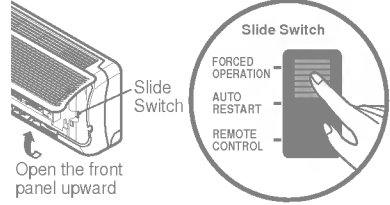
Open the front panel upward and move the Slide Switch to the Forced Operation position.

If you want to stop operation, move the Slide Switch to the Auto Restart or the Remote Control position.

In case the power comes on again after power failure on the Forced Operation position, the operating conditions are automatically set as follows:

During Forced Operation, the initial mode continues.

	Cooling Model
Operating mode	Cooling
Indoor FAN Speed	High
Setting Temperature	22°C

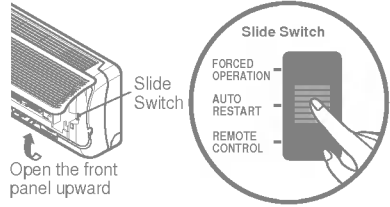


Auto restart

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.

If you want to use this operation, Open the front panel upward and move the slide switch to the Auto Restart position.

If you do not want to use this operation, move the Slide Switch to the Remote Control position.



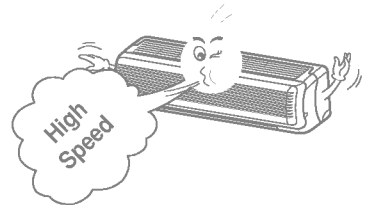
When you are out for a while, put the Slide Switch on the Remote Control.

Helpful information

Fan speed and cooling capacity.

The cooling capacity indicated in the specification is the value when the fan speed is set to high, and the capacity will be lower at low or medium fan speed.

High fan speed is recommended when you wish to cool the room quickly.



Care and maintenance of the air conditioner

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

Indoor Unit

Grille, Case, and Remote Control

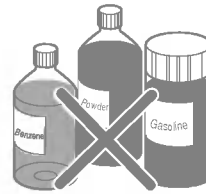
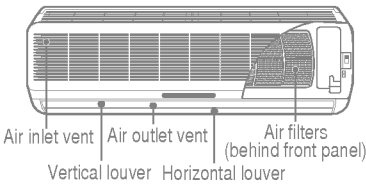
- ❑ Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

NOTE:

Supply power must be disconnected before cleaning the indoor unit.

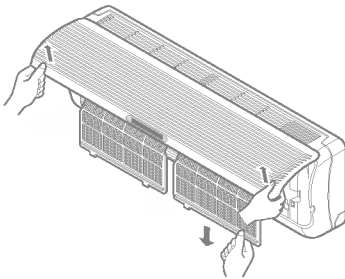
- ❑ Never use any of the followings:

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



AIR FILTERS

The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often if necessary.



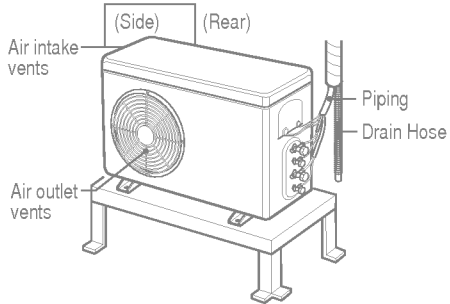
- Lift the front access panel and pull the filter tab slightly forward to remove the filter.
- Clean the filter with a vacuum or warm, soapy water.
 - If dirt is conspicuous, wash with a solution of detergent in lukewarm water.
 - If hot water (40 °C or more) is used, it may be deformed.
- After washing with water, dry well in the shade.
- Re-install the air filter.

Outdoor Unit

The heat exchanger coils and panel vents of the outdoor unit should be checked regularly. If clogged with dirt or soot, the heat exchanger and panel vents may be professionally steam cleaned.

NOTE:

Dirty or dogged coils will reduce the operating efficiency of the system and cause higher operating costs.



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

- 1 Turn off the circuit breaker, and disconnect the plug.

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.

- 2 Remove the batteries from the remote control.

- 1 Clean the air filter and install it in the indoor unit.
(Refer to page 11 for cleaning filters.)

- 2 Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.

Operation Tips



This is not good for the health and wastes electricity.



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



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



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



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



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



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.

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
The air conditioner does not operate.	• Have you made a mistake in timer operation?	8
	• Has the fuse blown or has the circuit breaker been tripped?	-
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 protector of the mechanism. • Wait about three minutes and operation will begin.	-
Does not cool or heat effectively.	• Is the air filter dirty? See air filter cleaning instructions.	11
	• Has the temperature been set incorrectly?	6
	• 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 control display is faint, or no display at all.	• Are the batteries depleted? • Are the batteries inserted in the opposite (+) and (-) directions?	4
Tak tak sound is heard.	• This sound is generated by the expansion/constriction of the front panel, etc. due to changes of temperature.	-

NOTE

- WATER RESISTANT: The outdoor side of this appliance is WATER RESISTANT.
The indoor side is not water resistant and should not be exposed to excess water.
- If the remote controller doesn't transmit at the side, transmit in front of receptor.



LG Electronics Inc.