



Floor Standing Type Air Conditioner **OWNER'S MANUAL**

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

MODEL: PT Chassis

Prior to installation of 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 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 expand or cut power cable.

• Otherwise, it may cause electrical shock or fire.
 (Contact a sale representative or a professional shop if electrical works are required.)

Do not connect ventilation pipe directly to the gas pipe.

• Otherwise, it may cause explosion or fire.

Do not use inflammable gas or inflammable liquid.

• Otherwise, it may cause explosion or fire.

Always install both leakage breaker and GFCI.

• Non-installation may cause disorder of the product or electrical shock.

Prevent that water enters into the product.

• Otherwise, it may cause disorder of the product or electrical shock.
 (when water enters, firstly turn the main switch off and contact the sale representative.)

Always execute grounding works.

• Non-grounding may cause disorder of the product or electrical shock.



 **WARNING**

Do not connect grounding wires to window frame or a fan.

- Otherwise, it may cause electrical shock.

Do not place objects around an outdoor socket or electrical panel.

- Children may fall down outside.

Do not open air intake hole of indoor/outdoor unit.

- Otherwise, it may cause electrical shock.

Do not randomly disassemble or modify the product.

- Otherwise, it may cause disorder of the product or electrical shock.

Exercise caution so that water does not enter into electrical parts.

- Otherwise, it may cause disorder of the product or electrical shock.
Always execute bolting the control cover.

Do not use power cables near heating tools.

- Otherwise, it may cause electrical shock or fire.

Do not touch a leakage breaker or repeated switch with the product.

- Otherwise, it may cause electrical shock.

Turn the main switches off if there is a strange smell coming from the product.

- Otherwise, it may cause electrical shock or fire.

Do not use dedicated switches that are damaged or old.

- Otherwise, it may cause electrical shock or fire.

Do not use the product near fire or flame.

- Otherwise, it may cause fire.





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 similarly qualified person in order to avoid hazard.

⚠ CAUTION

Do not touch with connection pipes, or they may cause personal damage.

- Otherwise, it may cause damage of animals, plants and property.

Install drainage so that drainage water does not flow into the indoor.

- Condensation water may inflow into the indoor if no water is properly discharged.

Do not touch with connection pipes, or they may cause personal damage.

- Otherwise, it may cause personal damage.

Do not install the product for safety.

- Dropping of the product may cause personal damage.

Do not install the product so that noise from the outdoor unit may be heard in the neighborhood.

- Otherwise, it may cause dispute with neighborhoods.

Do not fully perform ventilation during the operation.

- Insufficient supply of oxygen may cause difficulty of respiration.

Do not put the hands or bare into the blowing indoor ducts or the air discharge ducts. The pins of the ducts are sharp. Do not touch the pins in the ducts.

- Otherwise, it may cause personal damage (there is specially danger of personal damage since the pin of a heat exchanger is sharp).

Turn the main switch when not using it for a long time.

- Otherwise, it may cause disorder of the product or fire.

•  **CAUTION** •

Do not install the product at a rainy site or in direct sunlight or wind zone.

- There is concern of electrical shock, fire or deformity.

Avoid excessive cooling and excessive operation for long times for 24 hours.

- Strong wind for a long time may give harm to health.

Always turn the main switch off for cleaning.

- Otherwise, it may cause electrical shock.

Use soft cloths for cleaning, not for using any solvents, acids and alkalis.

- Otherwise, appearance of the product may become worse due to change of color of the product or scratching of surface of the product.

Use filters with secure fixing and secure link clean.

- Operation without filter may cause disorder.

Do not drink water discharged from the air purifier.

- Otherwise, it may cause a stomach disorder.

Do not put obstacles around the intake hole of the main fan.

- Otherwise, it may cause damage of the product or accidents.

Keep the product level during installation of the product.

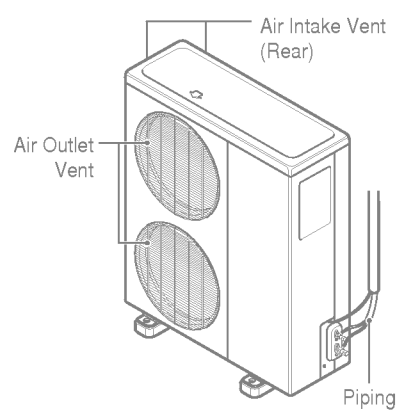
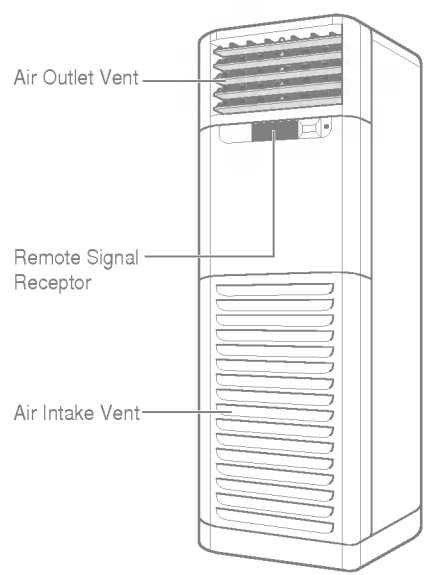
- Unbalance may result in vibration sound.

Features and Specifications

Features

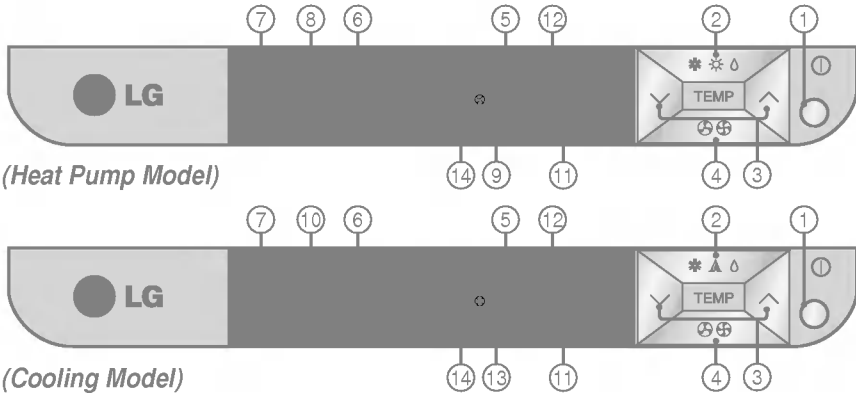
- Design for cooling and heating
- Super energy efficiency
- Micom control
- Whisper quiet operation
- Wireless remote control
- 2 cooling/heating speeds
- Removable air filter
- Anti-Bacteria filter
- 3 minutes delay circuit

Specifications



Indoor Unit Controls and Indicators

Display

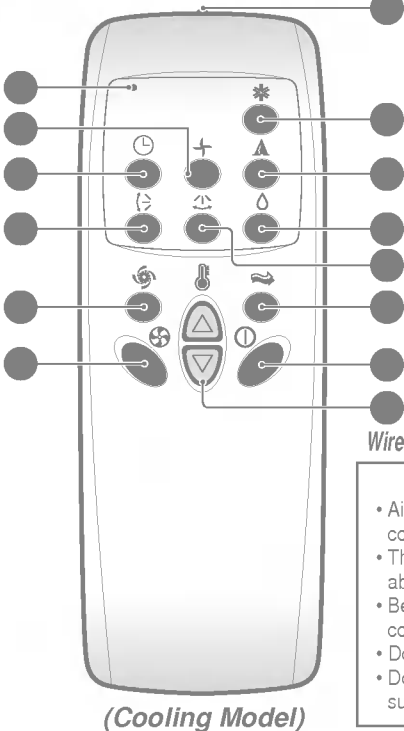
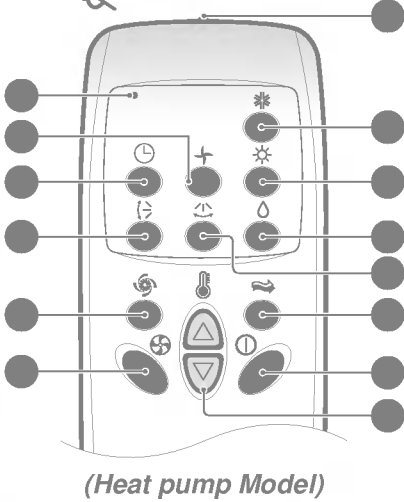


- **START/STOP BUTTON**
Operation starts when this button is pressed and stops when the button is pressed again.
- **OPERATION MODE SELECTION BUTTON**
Used to select the operation Mode.
- **ROOM TEMPERATURE SETTING BUTTONS**
Used to select the room temperature.
- **INDOOR FAN SPEED SELECTION**
Used to select fan speed in three steps-low, med, high.
- **FAN OPERATION LAMP**
- **COOLING OPERATION LAMP**
- **SOFT DRY OPERATION LAMP**
- **HEATING OPERATION LAMP**
- **DEFROST OPERATION LAMP**
- **AUTO OPERATION LAMP**
- **OFF TIMER OPERATION LAMP**
- **AUTO AIR FLOW OPERATION LAMP**
- **JET COOL OPERATION LAMP**
- **OUTDOOR UNIT OPERATION LAMP**

Name and Function-Remote Control



Control



- **Signal Transmitter**
 - Transmits the signals to the floor standing type air conditioner
- **Operation Display of the Remote Control**
- **Indoor Fan Speed Selection Button**
 - To select the desired fan speed in two steps [Low, High]
- **Cooling ON Button**
- **Temperature Setting Buttons**
- **Power ON/OFF Button**
 - Operation will start when this button is pressed, and stop when the button is pressed again.
- **Auto Airfloor Direction Control Button**
 - The horizontal louvers swing up and down.
- **Auto Airflow Direction Control Button**
 - The vertical louvers swing left and right.
- **Auto Mode Operation Button (Cooling Model Only)**
- **Heating Button (Heat Pump Model)**
- **Indoor Fan Operation Button**
- **Timer Set Button**
 - Each time the button is pressed, the mode is changed in the following process.
Time set (1, 2, 3, 4, 5, 6, 7 hours)
If you select "0:00" the off Timer function will be cancelled.
- **Soft Dry Operation Button**
- **JET Cool Operation Lamp**
- **Auto Air Flow Operation Lamp**

Wireless Remote Control Puts all functions at your fingertips

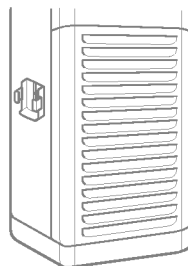
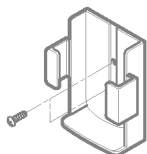
Handling the remote control

- Aim at the signal receptor on the floor standing type 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.

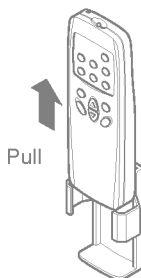
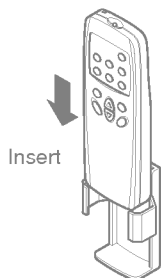
Remote Control Preparation

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.

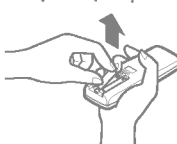


How to insert batteries

- 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 as different from standard dry cells in shape, dimensions, and performance.

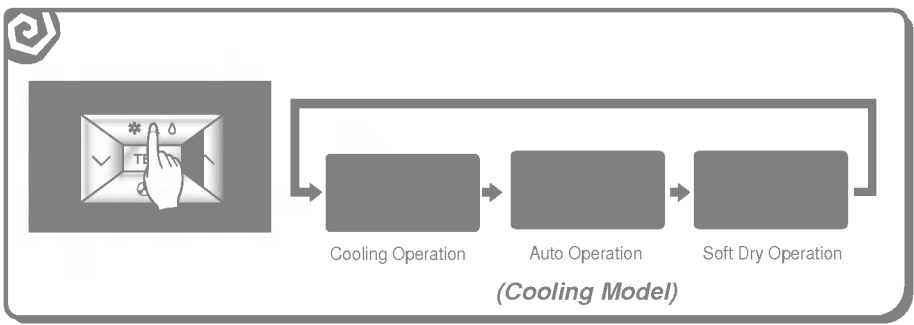
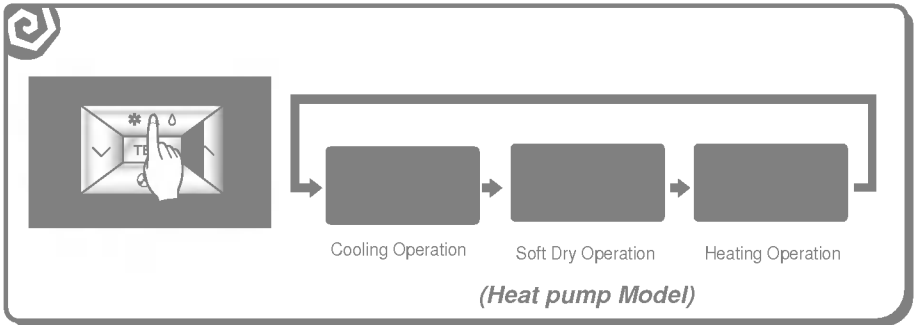
- Change the batteries with a new one if the remote control does not work properly after using for an extended length of time.



Air conditioner operation

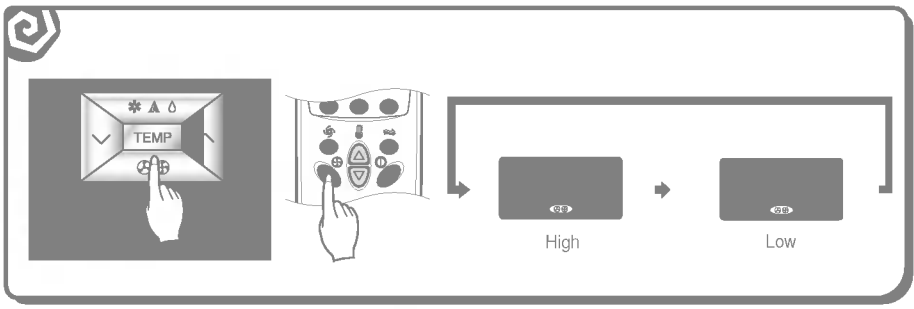
How to use the Operation Mode Button

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



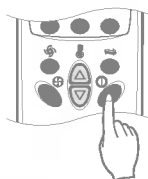
How to use the Fan speed Button

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



Cooling Operation Mode

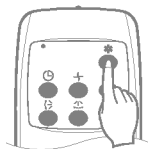
Press the Start/Stop Button.



Select **Cooling Operation**.

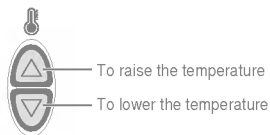
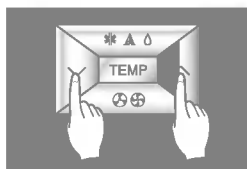
Press the Operation Mode Selection Button.

Press the Cooling Operation Button on the remote controller.

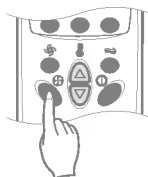
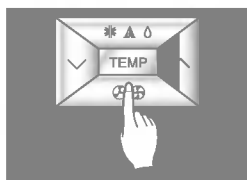


Set the temperature lower than the room temperature.

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



Set the Fan Speed.

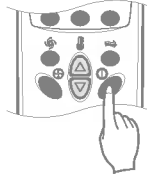
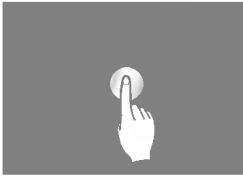


- Each time the Fan Speed Button is pressed, the Fan Speed mode is shifted in the arrow direction.

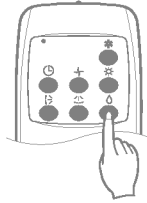


Soft Dry Operation

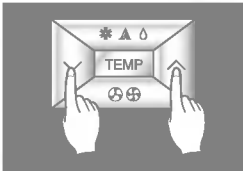
Press the Start/Stop Button.



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



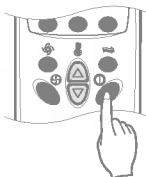
During softy Dry Operation

- The indoor fan speed is automatically set to low and can be set fan speed.

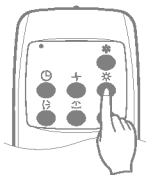


Heating Operation Mode(Heat Pump Model)

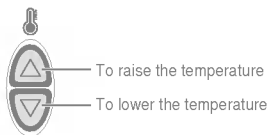
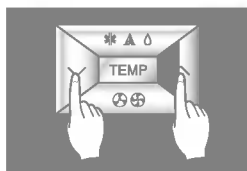
Press the Start/Stop Button.



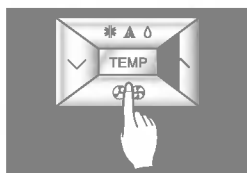
Select heating Operation.
Press the Operation Mode Selection Button.
Press the heating Operation Button on the remote controller.



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.

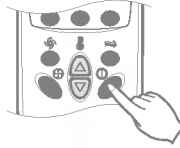
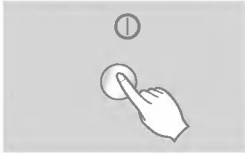


□ Each time the Button is pressed, the Fan Speed mode is shifted.

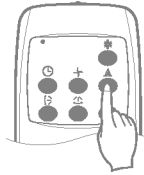
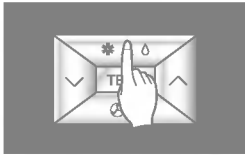


Auto Operation Mode(Cooling Model Only)

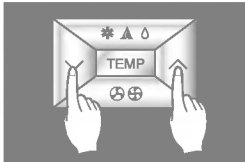
Press the Start/Stop Button.



Select Auto Operation.
Press the Operation Mode Selection Button.
Press Auto Operation Button.



Set the temperature upper or lower than the standard temperature.
The temperature can be set within a range of $-2 \sim 2$ by 1 level.



(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)

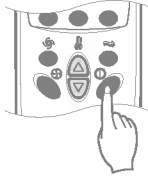
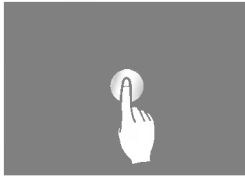
— To lower the temperature. (When you feel too warm or hot)

During Auto Operation

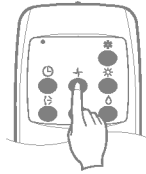
- It is impossible to switch the indoor fan speed because of being already set to the best conditioner by fuzzy rule.

Fan Operation Mode

Press the Start/Stop Button.



Press Fan Operation Button.



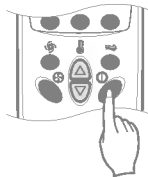
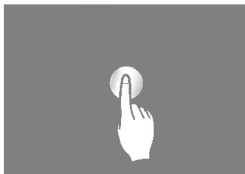
Set the Fan Speed.



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

Airflow Direction Procedure

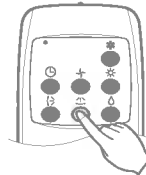
Press the Start/Stop Button.



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

Press the Auto Swing Button and then louvers will swing left and right.

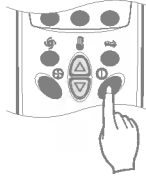
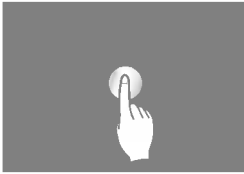
Press the Airflow Direction Control Button again to set the Vertical louver at the desired airflow direction.



The vertical louver swing left and right.

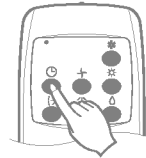
OFF Timer Setting Procedure(OFF TIMER Setting, or CANCEL)

Press the Start/Stop Button.



Select Function.

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

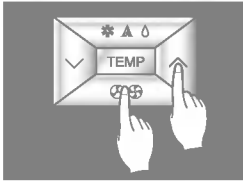


During off-timer operation if you press the Timer Button, the rest time will be displayed.

Child Lock Operation Procedure



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

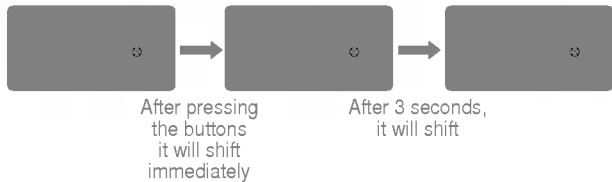
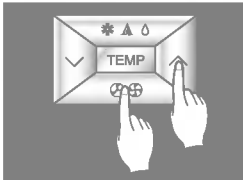


During Child Lock Operation

- 1 Whenever you press any Button on Display Panel, it will immediately display "🔒", which means Display panel is Locked.
- 2 All the Button on the indoor unit Display panel will not work.
- 3 But the Button on the remote controller will work.



For releasing child lock Operation.
Press the fan speed and high temperature setting buttons simultaneously for 3 seconds again.
The unit will respond with beep, Child Lock Operation will removed.



What is Auto Restarting Operation

- In case the power comes on again after a power failure Auto Restarting Operation is designed to operate automatically to the previous operating condition.
- If the power comes to be failure while off-timer operation, Auto Restarting Operation is cancelled and function returns to the previous mode.

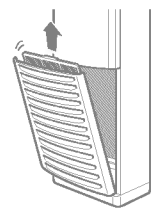


Care and Maintenance

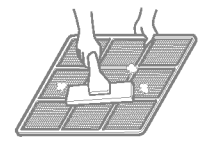
CAUTION: Before performing any maintenance, turn off the main power to the system.

During the season

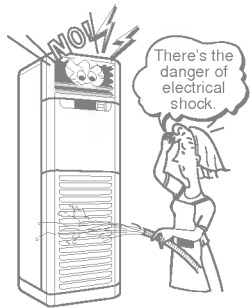
- 1** Remove the Air Filter.
Take hold of the tab and pull slightly forward to remove the filter.



- 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.



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



- 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.
- 2 This will dry out the internal mechanisms. Remove the batteries from the Remote Control.
- 3 Turn off the circuit breaker.

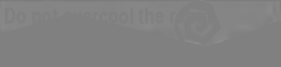


CAUTION

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.



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.



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.	<ul style="list-style-type: none">• Have you made a mistake in timer operation?	
	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Is the air filter dirty? See air filter cleaning instructions.	18
	<ul style="list-style-type: none">• The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down.	-
	<ul style="list-style-type: none">• Has the temperature been set incorrectly?• Are the indoor unit's air inlet or outlet vents obstructed?	-
The air conditioner operation is noisy.	<ul style="list-style-type: none">• 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.	9

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.



Details of LG serial No.



Code	Detail	Code of Model	Meaning
1	Year	0~9 (Digit)	The last digit of year ex) 1997 → 7, 2000 → 0
2,3	Month	01~12 (Digit)	Month ex) March → 03, August → 08
4	Nation	A~Z (Alphabet)	Where manufactured ex) K → Korea, C → China
5	Product	A~Z (Alphabet)	ex) A → Airconditioner
6~10	Serial No.	0~9 (Digit)	Production Quantity

■ Service Centers

H. G. IBRAHIM SHAKER COMPANY, LTD.
SERVICE CENTER

- * JEDDAH : P. O. BOX 50, JEDDAH 21411 KINGDOM OF SAUDI ARABIA
TEL NO. : 6422952 / 6425527
- * RIYADH : P. O. BOX 15, RIYADH 11411 KINGDOM OF SAUDI ARABIA
TEL NO. : 4020570
- * AL-KHOBAR : P. O. BOX 78, AL-KHOBAR 31952 KINGDOM OF SAUDI ARABIA
TEL NO. : 8943714

In case of parts being disordered,
please contact with SVC center:
and check the replacement parts code.





Safety Precautions



Operating Instructions



Care and Maintenance



Troubleshooting Tips

NOTE

A large rectangular area with a thick black border, containing horizontal dotted lines for writing notes. The area is positioned to the right of the index tabs and below the 'NOTE' header.

