ENGLISH
Tiếng Việt
BAHASA INDONESIA
ภาษาไทย

Life's Good

OWNER'S MANUAL

AIR CONDITIONER

Please read this manual carefully before operating your set and retain it for future reference.

Floor Standing

MFL67724515
Rev.11_020624

www.lg.com

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TIPS FOR SAVING ENERGY

Here are some tips that will help you minimize the power consumption when you use the air conditioner. You can use your air conditioner more efficiently by referring to the instructions below:

- Do not cool excessively indoors. This may be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors and windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool indoor air quickly, in a short period of time.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or weaken the cooling / dehumidifying functions.

For your records

Staple your receipt to this page in case you need it to prove the date of purchase or for warranty purposes. Write the model number and the serial number here:

Model number :

Serial number :

You can find them on a label on the side of each unit.

Dealer's name :

Date of purchase :

SAFETY INSTRUCTIONS

The following symbols are displayed on indoor and outdoor units.

	Read the precautions in this manual carefully before operating the unit.		This appliance is filled with flammable refrigerant (for R32)
	This symbol indicates that the Operation Manual should be read carefully.		This symbol indicates that a service personnel should be handling this equipment with reference to the Installation Manual.

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.
The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

⚠ This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.

⚠ WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.

⚠ CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

⚠ WARNING

- Install or repair by unqualified persons can result in hazards to you and others.
- The information contained in the manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.
- Failure to carefully read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury or death.
- Compliance with national gas regulations shall be observed (for R32)
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification. (for R32)

- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants. (for R32)

Installation

- Do not install duct through disassemble or repair the product yourself.
  - This product can not install duct.
- Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.
  - There is risk of fire or electric shock.
- For electrical work, contact the dealer, seller, a qualified electrician, or an authorized service center.
  - Do not disassemble or repair the product. There is risk of fire or electric shock.
- Always ground the product.
  - There is risk of fire or electric shock.
- Install the panel and the cover of control box securely.
  - There is risk of fire or electric shock.
- Always install a dedicated circuit and breaker.
  - Improper wiring or installation may cause fire or electric shock.
- Use the correctly rated breaker or fuse.
  - There is risk of fire or electric shock.
- Do not modify or extend the power cable.
  - There is risk of fire or electric shock.
- Do not install, remove, or re-install the unit by yourself (customer).
  - There is risk of fire, electric shock, explosion, or injury.
- Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.
  - Moisture may condense and wet or damage furniture.
- Be cautious when unpacking and installing the product.
  - Sharp edges could cause injury. Be especially careful of the case edges and the fins on the condenser and evaporator.
- For installation, always contact the dealer or an authorized service center.
  - There is risk of fire, electric shock, explosion, or injury.
- Do not install the product on a defective installation stand.
  - It may cause injury, accident, or damage to the product.

- Be sure the installation area does not deteriorate with age.
  - If the base collapses, the air conditioner could fall with it, causing property damage, product failure, and personal injury.
- Use a vacuum pump or Inert (nitrogen) gas when doing leakage test or air purge. Do not compress air or Oxygen and do not use Flammable gases. Otherwise, it may cause fire or explosion.
  - There is the risk of death, injury, fire or explosion.
- Do not turn on the breaker or power under condition that front panel, cabinet, top cover, control box cover are removed or opened. Otherwise, it may cause fire, electric shock, explosion or death.
- Keep any required ventilation openings clear of obstruction. (for R32)
- Mechanical connections shall be accessible for maintenance purposes. (for R32)
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.

Operation

- Take care to ensure that power cable could not be pulled out or damaged during operation.
  - There is risk of fire or electric shock.
- Do not place anything on the power cable.
  - There is risk of fire or electric shock.
- Do not touch(operate) the product with wet hands.
  - There is risk of fire or electrical shock.
- Do not place a heater or other appliances near the power cable.
  - There is risk of fire and electric shock.
- Do not allow water to run into electric parts.
  - There is risk of fire, failure of the product, or electric shock.
- Do not store or use flammable gas or combustibles near the product.
  - There is risk of fire or failure of product.
- Do not use the product in a tightly closed space for a long time.
  - Oxygen deficiency could occur.
- When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on. Do not use the telephone or turn switches on or off.
  - There is risk of explosion or fire.
- If strange sound, smell or smoke comes from product, turn the breaker off or disconnect the power supply cable.
  - There is risk of electric shock or fire.

- Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.
  - There is risk of property damage, failure of product or electric shock.
- Do not open the inlet grill of the product during operation.(Do not touch the electrostatic filter, if the unit is so equipped.)
  - There is risk of physical injury, electric shock, or product failure.
- When the product is soaked (flooded or submerged), contact an authorized service center.
  - There is risk of fire or electric shock.
- Be cautious that water could not enter the product.
  - There is risk of fire, electric shock, or product damage.
- Ventilate the product from time to time when operating it together with a stove, etc.
  - There is risk of fire or electric shock.
- Turn the main power off when cleaning or maintaining the product.
  - There is risk of electric shock.
- When the product is not be used for a long time or the product use first time after test running, turn on main power switch before 6hours ago.
- Take care to ensure that nobody could step on or fall onto the outdoor unit.
  - This could result in personal injury and product damage.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. (for R32)
- Do not pierce or burn. (for R32)
- Be aware that refrigerants may not contain an odour. (for R32)
- When mechanical connectors are reused indoors, sealing parts shall be renewed. (for R32)
- When flared joints are reused indoors, the flare part shall be re-fabricated. (for R32)
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer of its service agent

⚠ CAUTION

Installation

- Always check for gas (refrigerant) leakage after installation or repair of product.
  - Low refrigerant levels may cause failure of product.
- Install the drain hose to ensure that water is drained away properly.
  - A bad connection may cause water leakage.
- Keep level even when installing the product. To avoid vibration or water leakage.

- Do not install the product where the noise or hot air from the outdoor unit could damage the neighborhoods.
  - It may cause a problem for your neighbors.
- Use two or more people to lift and transport the product. Avoid personal injury.
- Do not install the product where it will be exposed to sea wind (salt spray) directly.
  - It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.
- If anyone other than a licensed professional installs, repairs, or alters LG Electronics air conditioning products, the warranty is voided.
  - All costs associated with repair are then the full responsibility of the owner.
- Do not install the unit in potentially explosive atmospheres.
- The appliance shall be stored so as to prevent mechanical damage from occurring. (for R32)
- Refrigerant tubing shall be protected or enclosed to avoid damage. (for R32)
- Flexible refrigerant connectors (such as connecting lines between the indoor and outdoor unit) that may be displaced during normal operations shall be protected against mechanical damage. (for R32)
- The installation of pipe-work shall be kept to a minimum. (for R32)
- A brazed, welded, or mechanical connection shall be made before opening the valves to permit refrigerant to flow between the refrigerating system parts. (for R32)
- Pipe-work shall be protected from physical damage.
- This appliance incorporates an earth connection for functional purposes only.
- Controls intended to be adjusted during installation or in normal use shall be provided with an indication for the direction of adjustment. (An indication of + and – is considered to be sufficient.)

Operation

- Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)
  - This could harm to your health.
- Do not use the product for special purposes such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.
  - There is risk of damage or loss of property.
- Do not block the inlet or outlet of air flow.
  - It may cause product failure.
- Use a soft cloth to clean. Do not use harsh detergents, solvents, etc.
  - There is risk of fire, electric shock, or damage to the plastic parts of the product.

- Do not touch the metal parts of the product when removing the air filter. They are very sharp!
  - There is risk of personal injury.
- Do not step on or put anything on the product. (outdoor units)
  - There is risk of personal injury and failure of product.
- Always insert the filter securely. Clean the filter every two weeks or more often if necessary.
  - A dirty filter reduces the efficiency of the air conditioner and could cause product malfunction or damage.
- Do not insert hands or other objects through the air inlet or outlet while the product is operated.
  - There are sharp and moving parts that could cause personal injury.
- Do not drink the water drained from the product.
  - It is not sanitary and could cause serious health issues.
- Use a firm stool or ladder when cleaning or maintaining the product. Be careful and avoid personal injury.
- Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.
  - There is risk of fire or explosion
- Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire. They may burn or explode.
- If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.
  - The chemicals in batteries could cause burns or other health hazards.
- If you eat the liquid from the batteries, brush your teeth and see doctor. Do not use the remote if the batteries have leaked.
  - The chemicals in batteries could cause burns or other health hazards.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
  - Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Unless it is obviously unnecessary, switches which may give rise to a hazard when operated shall be marked or placed so as to indicate clearly which part of the appliance they control. Indications used for this purpose shall, wherever practicable, be comprehensible without a knowledge of languages or national standards.

- The different positions of switches on stationary appliances and the different positions of controls on all appliances shall be indicated by figures, letters or other visual means. This requirement also applies to switches which are part of a control. If figures are used for indicating the different positions, the off position shall be indicated by the figure 0 and the position for a higher value, such as output, input, speed or cooling effect, shall be indicated by a higher figure. The figure 0 shall not be used for any other indication unless it is positioned and associated with other numbers so that it does not give rise to confusion with the indication of the off position. (NOTE For example, figure 0 may be used on a digital programming keyboard.)
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

ENGLISH

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BEFORE USE

Preparing for operation

- Contact an installation specialist for installation.
- Use a dedicated circuit.

Usage

- Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended period of time.
- Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
- Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

Cleaning and maintenance

- Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally triggered on while cleaning inner parts of the unit.

Service

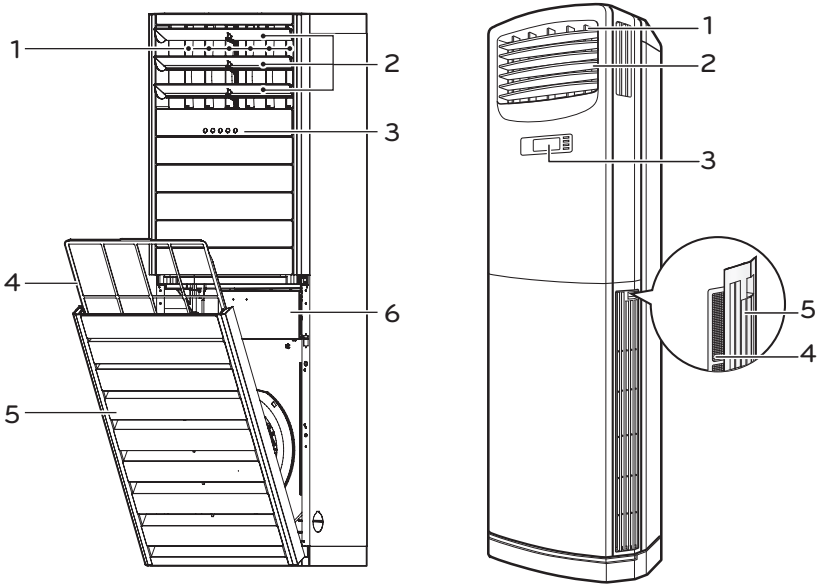
For repair and maintenance, contact your authorized service dealer.

PRODUCT INTRODUCTION

Name of parts

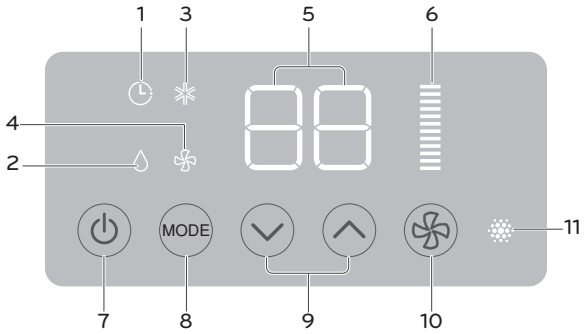
Indoor unit

1 Left/Right Airflow Control Louver
2 Up/Down Airflow Control Louver
3 Display Panel
4 Air filter
5 Air Inlet
6 Control Box



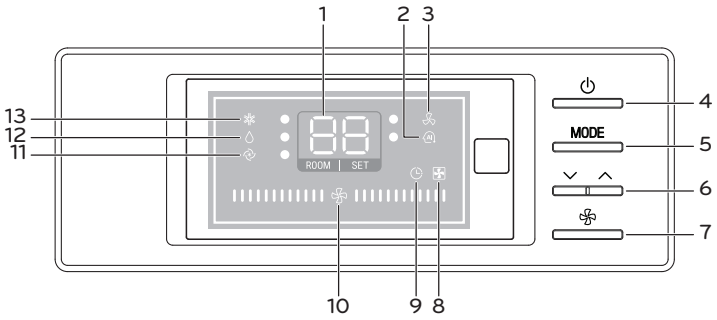
Indoor unit controls and indicators

< Type A >



1. Timer
2. Dehumidification operation lamp
3. Cooling operation lamp
4. Fan mode operation lamp
5. Room temp. / Set temp. display
6. Indoor fan speed lamp
7. ON/OFF button
8. Operation mode selection button
9. Room temperature setting button
10. Indoor fan speed button
11. Signal receptor

< Type B >

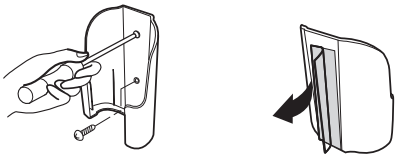


1. Room temp. / Set temp. display
2. Auto operation lamp
3. Fan mode operation lamp
4. ON/OFF button
5. Operation mode selection button
6. Room temperature setting button
7. Indoor fan speed button
8. Outdoor Operation lamp
9. Reservation lamp
10. Indoor fan speed lamp
11. Power cool lamp
12. Dehumidification operation lamp
13. Cooling operation lamp

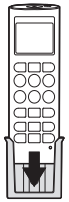
Remote control preparation

How to mount onto a wall

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

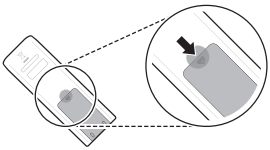


2 To insert the remote control to the holder.

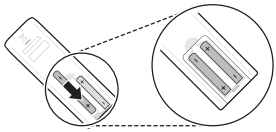


How to insert batteries

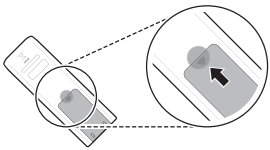
1 Remove the cover from the back of the remote control.
- Slide the cover according to the arrow direction.



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 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 period of time.

⚠ CAUTION

- When not using remote control for a long time, flowing of dry cell liquid may cause the failure of product, therefore, remove all dry cells.
- When replacing dry cell (AAA), replace two of them all with new ones, and if remote control is not operated properly even after replacing the dry cells (AAA), request the service.
- Do not disassemble or re-charge the used dry cells, and do not throw away those at the location with heat of fire or hot air. There will be the danger of explosion.

Wireless remote controller

<Type 1-A>



<Type 1-B>*1



Control panel	Description
	You can turn the air conditioner on and off.
FAN SPD	You can easily adjust the desired air speed.
	You can adjust the desired temperature by pressing the buttons.
Mode	You can select the desired operation mode by pressing the appropriate button. <Type 1-A> Operation modes : Cooling, heating*2, dehumidification*2, air blowing, auto*2 <Type 1-B> Operation modes : Cooling, heating*2, dehumidification*3, air blowing
	It automatically removes the moisture remaining inside the air conditioner when the air conditioner is turned off.
Swing Swing	You can set up/down rotation or left/right rotation.
	It can cool the indoor space at a rapid rate. • If you wish to select power cooling, press the power mode button after pressing the cooling button. • If you wish to select power heating, press the power mode button after pressing the heating button.
	You can bring the effect of the power saving. • Capacity may decrease when this mode is selected.
	You Can check the indoor temperature. • The room temperature is displayed for 3 seconds and then returns to the previous screen.
℃/℉(5s)	When the lock function is set, the function won't change no matter which button on the product is pressed. • In operation this function, display key will be locked and air conditioner indicates "CL" on its display panel whenever you press any button. • If you press this button for 3 seconds, you can change temperature unit(°C/°F).
ON Time(3s)	ON reservation: The air conditioner turns on automatically at the set time. • If you press this button for 3 seconds, you can set the current time.
OFF	OFF reservation: The air conditioner turns off automatically at the set time.
CANCEL	It cancels the set reservation.
	Set the desired reservation time by pressing the buttons.
SET/CLEAR	You can set or cancel reservations.

*1 <Type 1-B> remote controller is applied to the product which doesn't support Automatic feature.

*2 Depending on the model, the functions applied may vary.

*3 This feature is applied exclusively to the cooling only model.

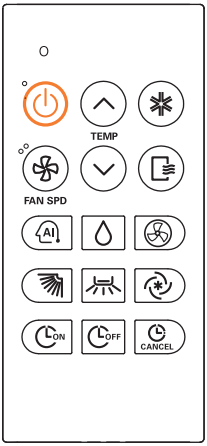
Handling the remote control

- 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 7 meters.
- 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.
- The feature may be changed according to the type of model.
- Some functions may not be supported, depending on the model.

NOTE

Some buttons cannot be used by model's function.

<Type 2>



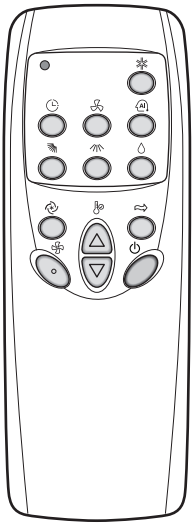
Control panel	Description
	Remote control operation lamp
	Power ON/OFF button : Operation will start when this button is pressed, and stop when the button is pressed again.
FAN SPD	**Indoor fan speed button** : To select the desired fan speed.
	Temperature setting button
	Cooling button
	Auto dry button : If setting this function, evaporator will be automatically dried before turning off the air conditioner.
	Dehumidification button : Can effectively remove humidity when at the time of rainy season or high humidity.
AI	**Artificial intelligence**
	Fan mode button
	Air flow direction button(Up/down, Left/right) : Adjust air flow direction vertically or horizontally.
	Power cooling mode button : Powerful cooling is performed
ON OFF	**ON/OFF timer setting button :** Set the time of starting or stopping
CANCEL	**Timer cancel button**

* Some function does not operate according to model.

Handling the remote control

- Aim at the signal receptor on the floor standing type air conditioner when operating.
- Block a strong light over the signal receptor with a curtain or etc. so as to prevent the abnormal operation. (ex: electronic quick start, ELBA, inverter type fluorescent lamp)
- 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.

<Type 3>



Control panel	Description
	Power ON/OFF button : Operation will start when this button is pressed, and stop when the button is pressed again.
	Temperature setting button
	Indoor fan speed button : To select the desired fan speed.
	Cooling button
	Fan mode button
	Air flow direction button(Up/down) : Adjust air flow direction vertically.
	Air flow direction button(Left/right) : Adjust air flow direction horizontally.
	ON/OFF timer setting button : Set the time of starting or stopping
AI	**Artificial intelligence**
	Dehumidification button
	Power cooling mode button : Powerful cooling is performed
	Auto Air flow operation button : It is useless in this model

Handling the remote control

- Aim at the signal receptor on the floor standing type air conditioner when operating.
- Block a strong light over the signal receptor with a curtain or etc. so as to prevent the abnormal operation. (ex: electronic quick start, ELBA, inverter type fluorescent lamp)
- 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.

OPERATING INSTRUCTIONS

<Type 1-A, Type 1-B>

Operation Mode

Cooling, Auto, Dehumidification, Heating, Air blowing operations

1 Turn on the air conditioner by pressing the ⏻ button on the remote control.

2 Select the desired operation mode by pressing the Mode button repeatedly.
(The operation mode is changed in the order of cooling, auto, dehumidification, heating and air blowing. In Cooling Only model, heating function does not work.)

NOTE

• What is 3 minutes delay function?

The reason that cold wind is not coming out when operating the unit after turning off the cooling is because of the function to protect compressor. Cold wind will be coming out when compressor is operated after 3 minutes.

Depending on the model, the functions applied may vary.

<Type 1-B> remote controller is applied to the product which doesn't support Automatic feature.

Operation mode	Description
Cooling	Cold air is blown out of the air outlet. • The cooling operation is the most basic operation mode. • You can set the desired temperature across a range of between 18 °C and 30 °C by pressing the temperature control buttons (∧,∨).
Auto	The air conditioner automatically blows air at the appropriate temperature for the indoor space. • Cooling only: You can set the desired value across a range of between -2 and 2 by pressing the temperature control buttons (∧,∨). - The closer to -2, the higher the desired temperature, and the closer to 2, the lower the desired temperature. • For both cooling and heating: You can adjust the desired temperature across a range of between 18 °C and 30 °C by pressing the temperature control buttons (∧,∨).
Dehumidification	You can remove moisture from the indoor space on a humid day for pleasant living. • There is no separate desired temperature setting for the dehumidification operation. • The air speed starts from low, and you can adjust it to the desired speed as needed.
Heating	Warm air is blown out of the air outlet. • The heating operation is only available for an air conditioner in the cooling and heating modes. • You can set the desired temperature across a range of between 16 °C and 30 °C by pressing the temperature control buttons (∧,∨).
Air blowing	It circulates indoor air by blowing air at the same temperature as that of the indoor space. • There is no separate desired setting temperature for the air blowing operation. • The air speed starts from high, and you can adjust it to the desired speed as needed.

Auto Dry Function

1 Auto dry function can be setted/released by manipulating indoor unit button or remote control.

2 When pressing the ⏻ button after setting the function, evaporator in indoor unit will be automatically dried as showing counting 00 to 99 on its display panel.

3 After indicating 99 on the display panel, the unit will be automatically turned off.

* Auto dry function is released at initial state as standard.

For Setting Auto Dry Function

If manipulating indoor unit, press the ⏻ button and MODE button simultaneously for 3 seconds.
If manipulating remote control for Cooling Only model, press button.
The indoor unit will respond with beep once and indicate "SC" on its display panel. Then Auto dry function will be set.

For Releasing Auto Dry Function

If manipulating indoor unit, press the ⏻ button and MODE button simultaneously for 3 seconds.
If manipulating remote control, press button. The indoor unit will respond with beep twice and Auto dry function will be removed.

Airflow Setting

We can simply adjust the desired airflow direction.

Up/Down Airflow Direction Control

1 Press ⏻ button to turn on the indoor.

2 Press button and the louvers will swing up and down.

3 Press button again to set the horizontal louver at the desired airflow direction.

Left/Right Airflow Direction Control

1 Press ⏻ button to turn on the indoor.

2 Press button and the louvers will swing left and right.

3 Press button again to set the vertical louver at the desired airflow direction.

<Airflow Setting Table>

Symbol	Description
	Up·Down : Vane move from up to down automatically and continuously
	Left·Right : Vane move from left to right automatically and continuously

Power cooling, power heating operation

It can be set when cooling or heating is set as the operation mode.

1 Press the / button.
   - When cooling is selected as the operation mode, the power cooling operation will be activated.
   - When heating is selected as the operation mode, the power heating operation will be activated.
2 When you press the / again, the power cooling or power heating function will be turned off.

Adjusting the air speed

You can adjust the air speed from the air outlet.

1 Turn on the air conditioner by pressing the button on the remote control.
2 Select the desired air speed by repeatedly pressing the FAN SPD button.
   - You can select the fan speed in four steps low, mid, high, super high. Each time the button is pressed, the fan speed mode is shifted.
   - Air speed stages may vary depending on the model.
   - Air flow rate can be selected during the cooling, dehumidification, blowing, and auto operation mode.

Timer

Setting the Current Time

1 Press ON Time Set button for 3 seconds.
2 Press or button until the desired time is set.
   - If you press down and hold the button for a long time, the time will change more quickly in 10 minute increments.
3 Press **SET/CLEAR** button.

NOTE

Check the indicator for A.M. and P.M.

Setting the On Timer

1 Press ON button to turn the timer on or off.



2 Press or button until the desired time is set.
3 Press **SET/CLEAR** button.

Setting the Off Timer

1 Press OFF button to turn the timer on or off.



2 Press or button until the desired time is set.
3 Press **SET/CLEAR** button.

Canceling the Timer Setting

You can cancel all timer settings.

- Press CANCEL button.

NOTE

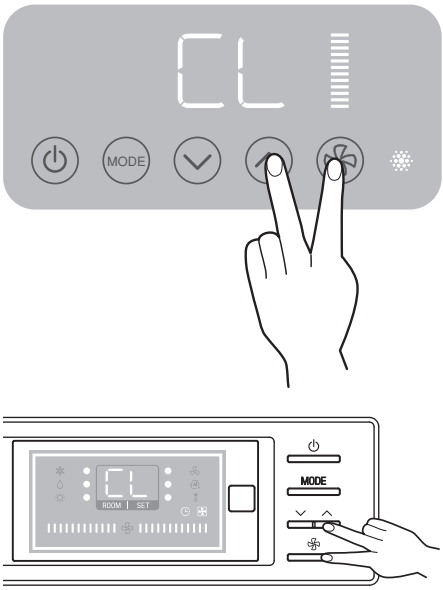
- If you wish to cancel a specific timer setting, press the each timer button to turn on or off the Sleep Timer, On Timer, or Off Timer as you want. Then press the CANCEL button while aiming the remote controller at the signal receptor.
- The timer lamp on the air conditioner and the display will go off.

Child Lock Operation Function

1 Press the ⌃ and high ⁂ simultaneously for 3 seconds.

2 During child lock operation,
- Whenever you press any button on display panel, it will immediately display "CL", which means display panel is locked.
- All the button on the indoor unit display panel will not work.
- But the button on the remote controller will be operated.

3 Press the ⌃ and high ⁂ simultaneously for 3 seconds again. The unit will respond with beep. child lock operation will removed



Auto Restart Operation

When power is supplied again after unit operation has been stopped because of interruption of power supply due to outage or other causes, auto re-operation will be performed by remembering previous setting.

- When power is supplied, outdoor unit operation will be started within 3 minutes.

1 Auto Restart Operation can be established/released by manipulating indoor unit button.

* When initial state, Auto Restart Operation will be set up as standard.

For Releasing Restart Operation

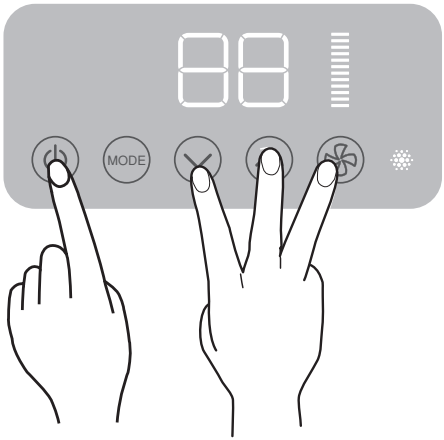
Press the ⏻, ⌃, ⌄, ⁂ (4 buttons) simultaneously for 3 seconds.

The unit will respond with beep and Restart Operation will be removed.

For Setting Restart Operation

After function release, Press the ⏻, ⌃, ⌄, ⁂ (4 buttons) simultaneously for 3 seconds.

The unit will respond with beep and restart operation will be setted.



<Type 2, Type 3>

Cooling Mode

1 Press ⏻ button to turn on the indoor.

2 Press ❄ button to select Cooling operation mode.
- When canceling operating, press ⏻ button once more.

3 Adjust the desired temperature by pressing (∧ ∨) buttons.
- If desired temperature is higher than room temperature, cooling cannot be conducted.
- Set the temperature lower than the room temperature
- Setting Temp Range : 18 °C~30 °C.

NOTE

What is 3 minutes delay function?

The reason that cold wind is not coming out when operating the unit after turning off the cooling is because of the function to protect compressor. Cold wind will be coming out when compressor is operated after 3 minutes.

Airflow Setting

We can simply adjust the desired airflow direction.

Up/Down Airflow Direction Control

1 Press ⏻ button to turn on the indoor.

2 Press button and the louvers will swing up and down.

3 Press button again to set the horizontal louver at the desired airflow direction.

Left/Right Airflow Direction Control

1 Press ⏻ button to turn on the indoor.

2 Press button and the louvers will swing left and right.

3 Press button again to set the vertical louver at the desired airflow direction.

Fan Speed Setting

1 Press ⏻ button to turn on the indoor.

2 Press FAN SPD button to select fan speed.
- You can select the fan speed in four steps Low, Med, High, Super High. Each time the button is pressed, the fan speed mode is shifted.
- Air flow rate can be selected during the cooling, dehumidification and blowing mode.
- Air speed stages may vary depending on the model.

Auto Operation Mode

1 Press ⏻ button to turn on the indoor.

2 Press AI button to select Auto Operation Mode.

3 Adjust the desired temperature by pressing (∧ ∨) buttons.
- When room temperature is higher than desired temperature, cooling operation will be performed.
- The temperature established by customer will be maintained through automatic performance of cooling operation in accordance with the change of room temperature.

NOTE

Some functions may not be supported, depending on the model.

Dehumidification Mode

Cooling only

In rainy season or high humidity climate, it is possible to operate simultaneously dehumidifier and cooling mode to remove humidity effectively.

1 Press ⏻ button to turn on the indoor.

2 Press 💧 button to select dehumidification mode.

- Room temperature will be displayed after desired temperature is indicated at display section for about 5 seconds.

Power Cooling Mode

Strong cooling will be conducted in short time.

1 Press ⏻ button to turn on the indoor.

2 Press ⚡ button to operate power cooling mode.

- When power cooling button is pressed during cooling/dehumidification mode, power cooling will be operated. In power cooling mode, desired temperature is set to 18 °C and the horizontal louver is fixed at the highest position.

Fan Mode

1 Press ⏻ button to turn on the indoor unit.

2 Press 🌀 button to circulate indoor air.

- When canceling operation, press 🌀 button once more.
- During fan mode, outdoor fan and compressor will not be operated.
- During fan mode, indoor unit turns on the fan mode lamp, room temperature lamp, and fan speed lamp of its display panel.

Simple Reservation

Turning ON reservation mode

This function is able to turn on unit after a setting time.

1 When the unit is turned off, adjust desired setting time with ON button.

- Up to the maximum of 24 hours can be selected.

Turning OFF reservation mode

This function is able to turn off unit after a setting time.

1 When the unit is turned on, adjust desired setting time with OFF button.

- Up to the maximum of 7 hours can be selected.

NOTE

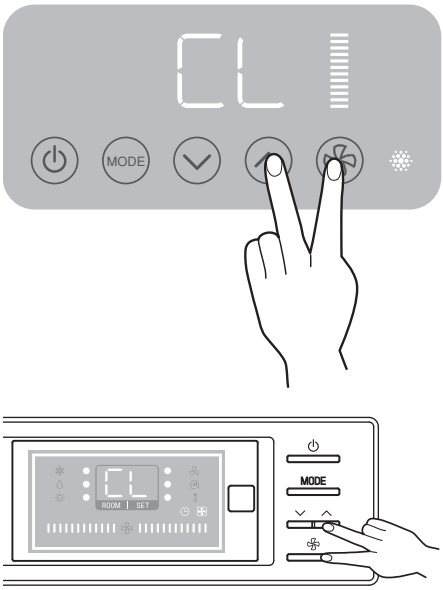
After performing the setting, if corresponded setting button is pressed once, remaining setting time will be displayed, and if it is pressed once again, corresponded setting function will be cancelled. (same function as CANCEL) Remaining setting time will be displayed with the unit of 1 hour.

Child Lock Operation Function

1 Press the ⌃ and high 🌀 simultaneously for 3 seconds.

2 During child lock operation,
- Whenever you press any button on display panel, it will immediately display "CL", which means display panel is locked.
- All the button on the indoor unit display panel will not work.
- But the button on the remote controller will be operated.

3 Press the ⌃ and high 🌀 simultaneously for 3 seconds again. The unit will respond with beep. child lock operation will removed



Auto Dry Function

1 Auto dry function can be setted/released by manipulating indoor unit button or remote control.

2 When pressing the ⏻ button after setting the function, evaporator in indoor unit will be automatically dried as showing counting 00 to 99 on its display panel .

3 After indicating 99 on the display panel, the unit will be automatically turned off.

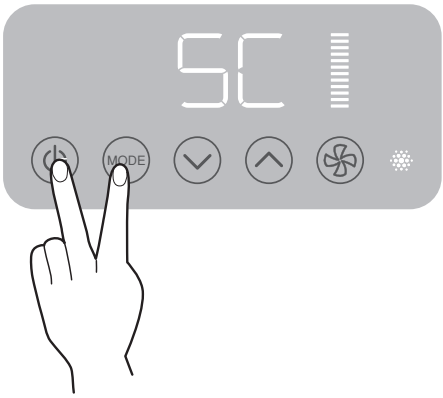
* Auto dry function is released at initial state as standard.

For Setting Auto Dry Function

If manipulating indoor unit, press the ⏻ button and MODE button simultaneously for 3 seconds. If manipulating remote control for Cooling Only model, press 📋 button.
The indoor unit will respond with beep once and indicate “SC” on its display panel. Then Auto dry function will be set.

For Releasing Auto Dry Function

If manipulating indoor unit, press the ⏻ button and MODE button simultaneously for 3 seconds. If manipulating remote control, press 📋 button. The indoor unit will respond with beep twice and Auto dry function will be removed.



NOTE

Some functions may not be supported, depending on the model.

Auto Restart Operation

When power is supplied again after unit operation has been stopped because of interruption of power supply due to outage or other causes, auto re-operation will be performed by remembering previous setting.

- When power is supplied, outdoor unit operation will be started within 3 minutes.

1 Auto Restart Operation can be established/released by manipulating indoor unit button.

* When initial state, Auto Restart Operation will be set up as standard.

For Releasing Restart Operation

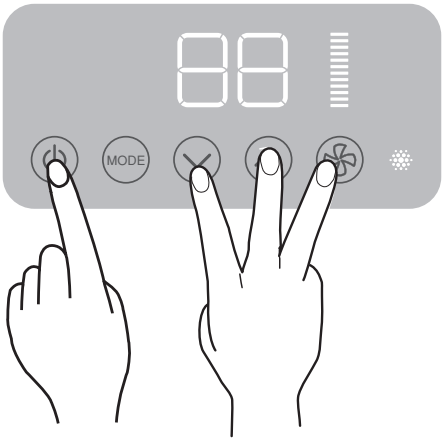
Press the ⏻, ∧, ∨, ✣ (4 buttons) simultaneously for 3 seconds.

The unit will respond with beep and Restart Operation will be removed.

For Setting Restart Operation

After function release, Press the ⏻, ∧, ∨, ✣ (4 buttons) simultaneously for 3 seconds.

The unit will respond with beep and restart operation will be setted.



OUTDOOR UNITS INFORMATION

Power Supply : 1Ø, 220-240 V~, 50/60 Hz / 3Ø, 380-415 V~, 50/60 Hz

Model		ZUAA1	ZUAB1	ZUAC1
Phase		1P	1P	1P
Refrigerant Precharged Amount	kg	0.75	0.98	1.25
Net Weight	kg	24.2	30.9	41.5
Dimensions (W x H x D)	mm	717 x 483 x 230	770 x 545 x 288	870 x 650 x 330
Piping Connections	Liquid Pipes	Ø 6.35	Ø 6.35	Ø 9.52
	Gas Pipes	Ø 9.52	Ø 12.7	Ø 15.88

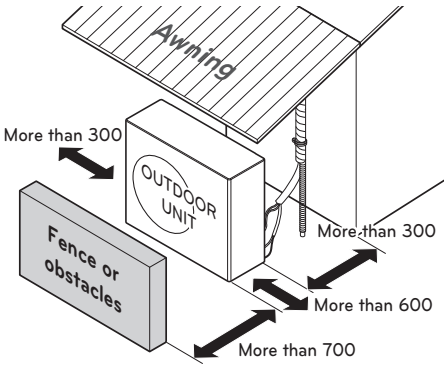
Model		ZUAD1	ZUAD3	ZUAE1	ZUAE3
Phase		1P	3P	1P	3P
Refrigerant Precharged Amount	kg	1.8	1.8	2	2
Net Weight	kg	59.5	60.8	66.9	65.1
Dimensions (W x H x D)	mm	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330
Piping Connections	Liquid Pipes	Ø 9.52	Ø 9.52	Ø 9.52	Ø 9.52
	Gas Pipes	Ø 15.88	Ø 15.88	Ø 15.88	Ø 15.88

INSTALLATION OF OUTDOOR UNIT

Installation Places

- If an awning is built over the unit to prevent direct sunlight or rain exposure, make sure that heat radiation from the condenser is not restricted.
- Ensure that the spaces indicated by arrows around front, back and side of the unit.
- Do not place animals and plants in the path of the warm air.
- Take the air conditioner weight into account and select a place where noise and vibration are minimum.
- Select a place so that the warm air and noise from the air conditioner do not disturb neighbors.

Unit : mm



INDOOR UNITS INFORMATION

Power Supply : 1Ø, 220-240 V~, 50/60 Hz

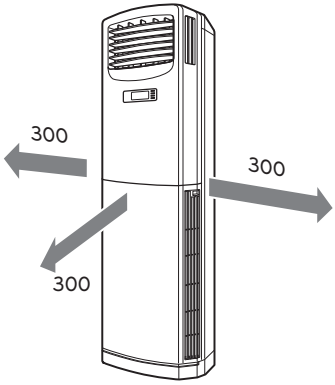
Model		ZPNQ24GS1A0	ZPNQ30GR5E0	ZPNQ36GR5A0	ZPNQ36LR5A0
Phase		1P	1P	1P	3P
Net Weight	kg	25.3	36	36	36
Dimensions (W x H x D)	mm	530 x 1800 x 295	590 x 1840 x 300	590 x 1840 x 300	590 x 1840 x 300
Piping Connections	Liquid Pipes	Ø 9.52	Ø 9.52	Ø 9.52	Ø 9.52
	Gas Pipes	Ø 15.88	Ø 15.88	Ø 15.88	Ø 15.88

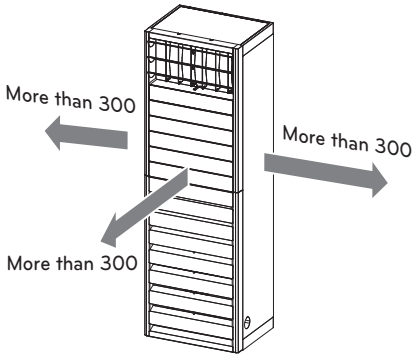
INSTALLATION PLACE

Select the best Location

Indoor unit

- There should not be any heat source or steam near the unit.
- There should not be any obstacles to prevent the air circulation.
- A place where air circulation in the room will be good.
- A place where drainage can be easily obtained.
- A place where noise prevention is taken into consideration.
- Do not install the unit near the door way.
- Ensure the spaces indicated by arrows from the wall, ceiling, or other obstacles.
- The indoor unit must keep the maintenance space.





[Unit : mm]

MAINTENANCE AND SERVICE

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.

Air Filters

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

- 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.



Filter Cleaning

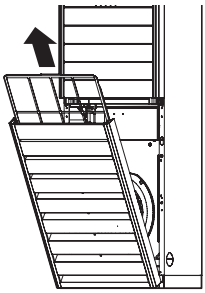
Please clean it once in a week.

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

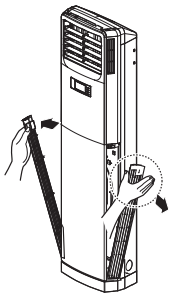
⚠ CAUTION

When the air filter is to be removed, do not touch the metal parts of the indoor unit. It may cause an injury.

< Type A >



< Type B >



2 Clean dirt from the air filter using a vacuum cleaner or washing with water.

   - If dirt is conspicuous, wash with a neutral detergent in lukewarm water.

   - If hot water (40 °C or more) is used, it may be deformed.

3 After washing with water, dry well in the shade.

   - Do not expose the air filter to direct sunlight or heat from a fire when drying it.

4 Install the air filter.

When 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: Fan operation mode.
- This will dry out the internal mechanisms.

⚠ CAUTION

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

When the air conditioner is to be used again.

1 Clean the air filter and install it in the indoor unit.
2 Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.
3 Check that the ground wire is connected correctly. It may be connect to the indoor unit side.

Helpful information

The air filters and your electric bill.

If the air filters become clogged with dust, the cooling capacity will drop, and 6 % of the electricity used to operate the air conditioner will be wasted.

Operation Tips

Do not overcool the room. This is not good for the health and wastes electricity.	**Keep blinds or curtains closed.** Do not let direct sunshine enter the room when the air conditioner is in operation.	**Keep the room temperature uniform.** Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.
Make sure that the doors and windows are shut tight. Avoid opening doors and windows as much as possible to keep the cool air in the room.	**Clean the air filter regularly.** Blockages in the air filter reduces the airflow and lowers the cooling and dehumidifying effects. Clean at least once every two weeks.	**Ventilate the room occasionally.** Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the malfunction persist, please contact your dealer.

<table>
<tr>
<td>The air conditioner does not operate.
- Have you made a mistake in timer operation?
- Has the fuse blown or has the circuit breaker been tripped?</td>
<td>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.</td>
<td>It seems that condensation is leaking from the air conditioner.
- Condensation occurs when the airflow from the air conditioner cools the warm room air.</td>
<td>Air conditioner does not operate for about 3 minutes when restart.
- This is the protector of the mechanism.
- Wait about three minutes and operation will begin.</td>
</tr>
<tr>
<td rowspan="2">Does not cool effectively.
- Is the air filter dirty? See air filter cleaning instructions.
- 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?</td>
<td rowspan="2">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.</td>
<td>Crack sound is heard.
- This sound is generated by the expansion/constriction of the front panel, etc. due to changes of temperature.</td>
<td>Remote control display is faint, or no display at all.
- Are the batteries depleted?
- Are the batteries inserted in the opposite (+) and (-) directions?</td>
</tr>
<tr>
<td>The air conditioner changes generated airflow during operation.
When the air conditioner reaches the desired temperature, the airflow rate reduces in order to avoid generating cool airflow during heating, or to minimize energy consumption and indoor humidity change during cooling.
- This symptom is normal.</td>
<td>The error code is occurred after lightning struck
- This product has been applied to the over current protection circuit.
Error can occur, but it is normal behavior. After few minutes, It will operate normally.</td>
</tr>
</table>

Call the service immediately in the following situations

1 Anything abnormal such as burning smell, loud noise etc. happen. Stop the unit and turn the breaker off. Never try to repair by yourself or restart the system in such cases.

2 Main power cord is too hot or damaged.

3 Error code is generated by self diagnosis.

4 Water leaks from indoor unit even if the humidity is low.

5 Any switch, breaker (safety, earth) or fuse fails to work properly.

User must carry routine checkup & cleaning to avoid unit's poor performance.

In case of special situation, the job must be carried out by service person only.


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