PORTUGUÊS ENGLISH

HRVATSKI

DANSK

ҚАЗАҚ ТІЛІ





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

FLOOR STANDING







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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 or warm 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

[]i	Read the precautions in this manual carefully before operating the unit.	This appliance is filled with flammable refrigerant (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.



A 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

- Always ground the product.
 - There is a risk of electric shock.
- Do not use a defective or underrated circuit breaker. Use the correctly rated breaker and fuse.
 - There is risk of fire or electric shock.
- Do not use a multi outlet. Always use this appliance on a dedicated circuit and breaker.
 - 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 by yourself.
 - There is risk of fire or electric shock.
- Always ground the product as per the wiring diagram. Do not connect the ground wire to gas or water pipes lightning rod or telephone ground wire.
 - 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 due to dust, water etc.
- Use the correctly rated breaker or fuse.
 - There is risk of fire or electric shock.
- Do not modify or extend the power cable. If the power cable or cord has scratches or skin peeled off or deteriorated then it must be replaced.
 - There is risk of fire or electric shock.
- For installation, removal or reinstall, 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. Be sure that the installation area does not deteriorate with age.
 - It may cause product to fall.
- Never install the unit on a moving base or a place from where it can fall down.
 - The falling unit can cause damage or injury or even death of a person.
- When the product is soaked (flooded or submerged) in water, contact an Authorized Service Center for repair before using it again.
 - There is risk of fire or electric shock.
- Be sure to check the refrigerant to be used. Please read the label on the product.
 - Incorrect refrigerant can prevent the normal operation of the unit.
- Don't use a power cord, a plug or a loose socket which is damaged.
 - Otherwise it may cause a fire or electrical shock.
- Do not touch, operate, or repair the product with wet hands.
 - There is risk of electric shock or fire.

- Do not place a heater or other heating appliances near the power cable.
 - There is risk of fire and electric shock.
- Do not allow water to run into electric parts. Install the unit away from water sources.
 - There is risk of fire, failure of the product, or electric shock.
- Do not store or use or even allow flammable gas or combustibles near the product.
 - There is risk of fire.
- Wiring connections must be secured tightly and the cable should be routed properly so that there is no force pulling the cable from the connection terminals.
 - Improper or loose connections can cause heat generation or fire.
- Safely dispose off the packing materials. Like screws, nails, batteries, broken things etc after installation or service and then tear away and throw away the plastic packaging bags.
 - Children may play with them and cause injury.
- Make sure to check that the power device is not dirty, loose or broken and then turn on the power.
 - Dirty, loose or broken power device can cause electric shock or fire.
- In unit the step-up capacitor supplies high voltage electricity to the electrical components. Be sure to discharge the capacitor completely before conducting the repair work.
 - An charged capacitor can cause electrical shock.
- When installing the unit, use the installation kit provided with the product.
 - Otherwise the unit may fall and cause severe injury.
- Be sure to use only those parts which are listed in the service parts list. Never attempt to modify the equipment.
 - The use of inappropriate parts can cause an electrical shock, excessive heat generation or fire.
- Do not use the product in a tightly closed space for a long time. Perform ventilation regularly.
 - Oxygen deficiency could occur and hence harm your health.
- Do not open the front cover or grille 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.

- If strange sounds, smell or smoke comes from product, immediately turn the breaker off or disconnect the power supply cable.
 - There is risk of electric shock or fire.
- Ventilate the product room from time to time when operating it together with a stove, or heating element etc.
 - Oxygen deficiency can occur and hence harm your health.
- Turn the main power off when cleaning or repairing the product.
 - There is risk of electric shock.
- Take care to ensure that nobody especially kids could step on or fall onto the unit.
 - This could result in personal injury and product damage.
- 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 touch any electric part with wet hands, you should be cut power before touching electric part.
 - There is risk of electric shock or fire.
- Do not touch refrigerant pipe and water pipe or any internal parts while the unit is operating or immediately after operation.
 - There is risk of burns or frostbite, personal injury.
- If you touch the pipe or internal parts, you should be wear protection or wait time to return to normal temperature.
 - Otherwise, it may cause burns or frostbite, personal injury.
- Do not touch leaked refrigerant directly.
 - There is risk of frostbite.
- Make sure to install mixing valve (field supply). The mixing valve is setting the water temperature. The hot water temperature maximum values shall be selected according to the applicable legislation.
- Do not heated to a temperature of more than provided by the product.
 - Otherwise, it may cause fire or damage of product.
- This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.
- Do not step on the unit and do not put anything on it. It may cause an injury through dropping of the unit or falling down.
- 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.

- 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.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- The appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).
- The appliance shall be stored so as to prevent mechanical damage from occurring.(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 authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification.(for R32)
- Keep any required ventilation openings clear of obstruction.(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)
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation. (for R32)
- The appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater). (for R32)
- The appliance shall be installed in accordance with the national wiring regulation.

↑ CAUTION

- Two or more people must 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.

- Keep level even when installing the product.
 - To avoid vibration or noise.
- Do not install the product where the noise or hot air from the unit could damage or disturb the neighborhoods.
 - It may cause a problem for your neighbors and hence dispute.
- Always check for gas (refrigerant) leakage after installation or repair of product.
 - Low refrigerant levels may cause failure of product.
- Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer AWHP, 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 or splashing water etc.
 - There is risk of fire, electric shock, or damage to the plastic parts of the product.
- Do not step on or put anything on the product.
 - There is risk of personal injury and failure of product.
- Do not insert hands or other objects through the air inlet or outlet while the product is operating.
 - There are sharp and moving parts that could cause personal injury.
- Be cautious when unpacking and installing the product.
 - Sharp edges could cause injury.
- If the refrigerant gas leaks during the repair, do not touch the leaking refrigerant gas.
 - The refrigerant gas can cause frostbite (cold burn).
- Do not tilt the unit when removing or uninstalling it.
 - The condensed water inside can spill.
- Do not mix air or gas other than the specified refrigerant used in the system.
 - If air enters the refrigerant system, an excessively high pressure results, causing equipment damage or injury.
- If the refrigerant gas leaks during the installation, ventilate the area immediately.
 - Otherwise it can be harmful for your health.

- Dismantling the unit, treatment of the refrigerant oil and eventual parts should be done in accordance with local and national standards.
- Do not expose your skin or kids or plants to the cool or hot air draft.
 - This could harm to your health.
- Use a firm stool or ladder when cleaning, maintaining or repairing the product at an height.
 - Be careful and avoid personal injury.
- The hot water may not be available immediately, during disinfection operation or depending on the amount of hot water.
- During floor heating operation it is important to limit the minimum/maximum water temperature.
- 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.
- Refrigerants are pre-charged in the factory to the outdoor unit.
 Additional refrigerants need to be charged depending on the length and size of pipe.

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.

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.

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.

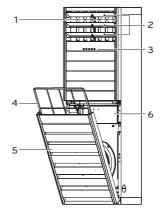
PRODUCT INTRODUCTION

Name of parts

<PT3>

Indoor unit

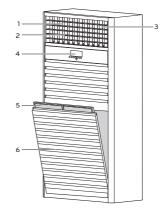
- 1. Left/Right Airflow Control Louver
- 2. Up/Down Airflow Control Louver
- 3. Display Panel
- 4. Air filter
- 5. Air Inlet
- 6. Control Box



<PF2>

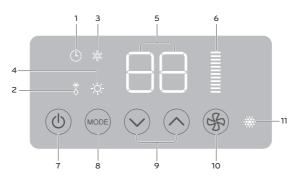
Indoor unit

- 1. Left / Right Airflow Control Louver
- 2. Up / Down Airflow Control Louver
- 3. Air Outlet
- 4. Display / Control Panel
- 5. Filter
- 6. Air Inlet



Indoor unit controls and indicators

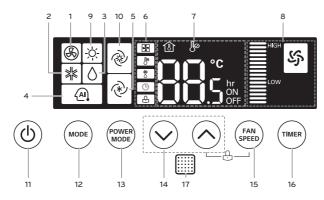
<PT3>



- 1. Timer lamp
- 2. Defrosting operation lamp
- 3. Cooling operation lamp
- 4. Heating operation lamp
- 5. Room temp. / Set temp. display
- 6. Indoor fan speed lamp

- 7. Start/Stop button
- 8. Operation mode selection button
- 9. Room temperature setting button
- 10. Indoor fan speed button
- 11. Signal receptor

<PF2>



- 1. Fan mode operation lamp
- 2. Cooling operation lamp
- 3. Dehumidification operation lamp
- 4. Auto operation lamp
- 5. Power cooling operation lamp
- 6. Outdoor unit operation / Timer / Child lock lamp
- 7. Room temp. / Set temp. display (ON/OFF timer display)
- 8. Indoor fan speed lamp

- 9. Heating operation lamp
- 10. Power heating operation lamp
- 11. Start/Stop button
- 12. Operation mode selection button
- 13. Power cooling mode button
- 14. Room temperature setting button
- 15. Indoor fan speed button
- 16. ON/OFF timer button
- 17. Signal receptor

NOTE -

Some lamp cannot display by model's function.

OPERATING INSTRUCTIONS

Fan Speed Setting

- 1 Press (b) button to turn on the indoor.
- 2 Press (S) button to select fan speed.
 - You can select the fan speed in three steps Low, Mid. High, Power. Each time the button is pressed, the fan speed mode is shifted.
 - Air flow rate can be selected during the cooling, heating and blowing(fan mode).

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 (button.
 - Available only when the product is off.
 - Up to the maximum of 24 hours can be selected.
 - After setting the reservation, press (1) button to display the remaining reservation time. Press once more to cancel the reservation mode
 - Multi V indoor unit can select up to 7 hours of reservation mode, when connecting a wired remote controller.

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 Om button.
 - Available only when the product is on.
 - Up to the maximum of 7 hours can be selected.
 - After setting the reservation, press Com button to display the remaining reservation time. Press once more to cancel the reservation mode.
 - Please set the appropriate time when sleep.

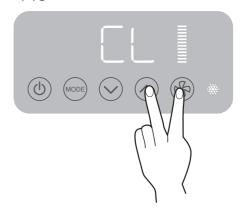
NOTE

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 (same function)) Remaining setting time will be displayed with the unit of 1 hour.

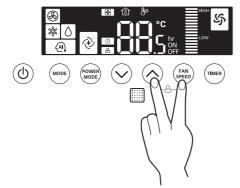
Child Lock Operation Function

- 1 Press the (and (simultaneously for 3 seconds. Or press the 🚨 button on remote control.
- 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 (%) simultaneously for 3 seconds again. The unit will respond with beep. child lock operation will removed.

<PT3>



<PF2>



Auto Re-operation Function

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.

- The following functions are auto re-operated.
- : Operation mode, fan speed, desired temperature, airflow direction(up/down, left/right)
- When power is supplied, outdoor unit operation will be started within 3 minutes.
- Auto Re-operation function can be established/released by manipulating indoor unit button.
 - * When initial state, auto Re-operation function will be set up as standard.

For Releasing Re-operation function

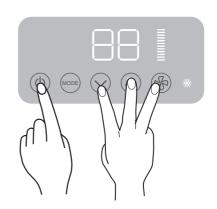
Press the 0, $\textcircled{\wedge}$, $\textcircled{\diamondsuit}$, \$ (4 buttons) simultaneously for 3 seconds.

The unit will respond with beep and Reoperation function will be removed.

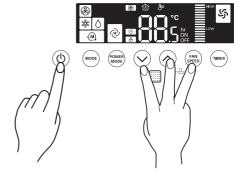
For Setting Re-operation function

After function release, Press the (4), (5), (5), (6), (4) buttons) simultaneously for 3 seconds. The unit will respond with beep and Reoperation function will be set.

<PT3>



<PF2>



Defrost Mode

<PT3>

Heat Pump

1 During defrost operation, & will be indicated at display section of indoor.



- 2 During heating operation, if outside temperature is low and humidity is high, heating capability will be deteriorated as frost is generated at outdoor unit. therefore, the frost will be removed by performing defrost operation.
- 3 When indoor and outdoor unit fans are automatically stopped and defrost operation is completed, preheating for heating cycle will automatically be started.
 - * Heating operation will be started in a little time.

NOTE -

What is preheating function for heating cycle?

- During the heating, indoor fan will not be operated until indoor tubing temperature becomes more than 22 °C, therefore, this is the function to block the discharge of cold wind.
- During the preheating for heating cycle, heating cannot be performed.
- During defrost operation, vapor can be generated at outdoor side, and this is not a failure because it is the operation to remove frost.

Airflow Setting

<PF2>

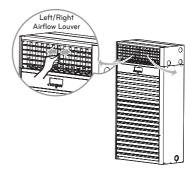
We can simply adjust the desired airflow direction.



CAUTION

Excessive operation may cause malfunction.





Adjust airflow louvers by hand.

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.



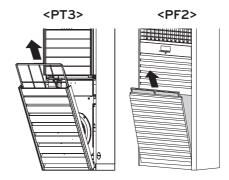
Filter Cleaning

Please clean it once in a week

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

A CAUTION

When remove the air filter do not touch the metal parts of the indoor unit. It may cause an injury.



- 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.

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.

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.

Operation Tips

Do not overcool/overheat 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.

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?	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 restart. - 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. - The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down. - Has the temperature been set incorrectly? - Are the indoor unit's air inlet or outlet vents obstructed?	The air conditioner operation is noisy. - For a noise that sounds like water flowing. * This is the sound of freon flowing inside the air conditioner unit. - For a noise that sounds like the compressed air releasing into atmosphere. - This is the sound of the dehumidifying water being processed inside the air conditioning unit.	Crack sound is heard. - This sound is generated by the expansion/ constriction of the front panel, etc. due to changes of temperature.	Remote control display is faint, or no display at all. - Are the batteries depleted? - Are the batteries inserted in the opposite (+) and (-) directions? 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, lt will operate normally.

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.



Eco design requirement• The information for Eco design is available on the following free access website. https://www.lg.com/global/support/cedoc/cedoc