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MFL703850

CTQ Table

CTQ Table은 현재의 수준을 알기 위해서 CTQ 정보를 항상 보완 및 추가해야 한다.

상세 Spec.		치수	공차 Tolerance		Z(Sigma Level)				Data	판단근거 Reason
NO	항목 Item	Dimension	+	−	3	4	5	6	결과 Result	A,B,C
1										
2										
3										
4										

作业	材质	颜色	尺寸	地区
12	胶版纸70g	黑色	148*210（装订后）	菲律宾

12	Work
PH WT	Application
TA	Site

치수허용오차 TOLERANCE ±mm

치수구분 DIMENSION CLASSIFICATION	J	K	L	Ⓜ	N	각도 ANGLE JKL	각도 ANGLE MN
10 or less	0.05	0.2	0.3	0.5	0.7	1계	6계
over 10 ~ 30 or less	0.1	0.3	0.5	0.8	1.2		
30 ~ 50	0.2	0.4	0.6	1.1	2.0	30"	2계
50 ~ 150	0.3	0.6	0.8	1.4	2.5		
150 ~ 300	0.4	0.8	1.0	1.7	3.5	15"	1계
300 ~ 500	0.6	1.2	1.5	2.0	4.5		
500 over	0.8	1.6	2.0	2.5	6	5"	30"

비고

Qty	No	PART NUMBER	DESCRIPTION	SPECIFICATION	MAKER	REMARKER

Spec.

WORKING SPECIFICATIONS

1. Printed contents should be satisfied with the film provided by LGE Design Dept.
2. Overall printing condition and appearance satisfied with standard sample provided by LGE for approval.

ECO-DESIGN SPECIFICATIONS

1. The part should not contain prohibited substances (Pb,Cd,Hg,Cr+6,PBB,PBDE,DEHP,BBP,DBP,DIBP) and details should be complied with LG(10)-A-9023.

注记：

制作基准：

1. 印刷内容需要与开发提供的文件一致
2. 整体印刷条件和外观标准样品提供LGE批准。

ECO-设计基准：

1.此部品不可添加禁止物质（铅、镉、汞、六价铬、PBB、PBDE、DEHP、BBP、DBP、DIBP），细节请遵照供应商指南及相关标准LG(10)-A-9023。特别是墨水中不得添加 Pb、Cd

기호 SYM	변경내용 REVISION	시방번호 ECO.NO.	년월일 DATE	서명 SIGNED	기호 SYM	변경내용 REVISION	시방번호 ECO.NO.	년월일 DATE	서명 SIGNED
7					1				
8					2				
9					3				
10					4				
11					5				
12					6				

합의 Approval

금형제작처 Maker	양산처 Manufacturer	자료실/3D(UG)확인 Confirm

12	PRINTING WT GGRW W3NQ18TNNP0.AC3ALCP
Work	Spec

UNITS	mm	SCALE	N/S
DRW/DSN	CHKD	CHKD	APPD

LG 전자

RELATION C.NO

TITLE: Manual,Owners

DWG. 도번: MFL703850

LG
Life's Good

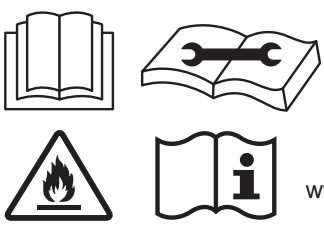
OWNER'S MANUAL

AIR CONDITIONER

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

TYPE : WINDOW (INVERTER)

EN English



www.lg.com

MFL70385012
Rev.00_021919

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TABLE OF CONTENTS

3 SAFETY INSTRUCTIONS

3 IMPORTANT SAFETY INSTRUCTIONS

8 PRODUCT OVERVIEW

8 Exterior Parts
8 Interior Parts

9 INSTALLATION

9 Circuit Breaker Installation
9 Installation Overview
10 How to Install the Unit
10 Preparation of the Cabinet
10 Drainage (Optional)
11 Installation of the Cabinet
11 Space for Outside Air Flow
12 Installations of the unit into the Cabinet

13 OPERATION

13 Control Panel and Remote Control
14 Wireless Remote Control
15 Ventilation
15 Air Direction
15 Slinger Fan

16 SMART FUNCTIONS

16 LG SmartThinQ Application

18 MAINTENANCE

18 Air Filter

19 TROUBLESHOOTING

19 Before Calling for Service
19 Normal Sounds You May Hear

SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.

This is the safety alert symbol.
This symbol alerts you to potential hazards that can kill or injure you and others.
All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION.

These words mean:

WARNING

You may be killed or seriously injured if you do not follow instructions.

CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of explosion, fire, death, electric shock, scalding or injury to persons when using this product, follow basic precautions, including the following:

INSTALLATION

- Before use, the appliance must be properly installed as described in this manual.
- 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 invalids without supervision.
- Keep any required ventilation openings clear of obstruction.
- Compliance with national gas regulations shall be observed.

- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.
- Always plug into a grounded outlet.
- Do not under any circumstances, cut or remove the third (ground) prong from the power cord.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Plug in the power plug properly.
- Do not modify or extend the power cord.
- Do not start/stop operation by plugging/unplugging the power cord.
- Do not turn on the circuit breaker or power under condition that front grille, cabinet, control box are removed or opened. Otherwise, it may cause fire, electric shock, explosion or death.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- Use a dedicated circuit.
- Do not disassemble or modify the product.
- Adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Use care when unpacking and installing. The edges of the product may be sharp.
- Disconnect the power cord or circuit breaker before installing or servicing the appliance.
- Keep packaging materials out of the reach of children. These materials can pose a suffocation risk to children.
- Store and install the product where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

OPERATION

- Use this appliance only for its intended purpose.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not run cord under carpets or mats where it could be stepped on and damaged.
- Keep the cord out from under heavy objects like tables or chairs.
- Do not place the power cord near a heat source.
- Do not use an adaptor or plug the product into a shared outlet.
- Do not tamper with controls.
- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately, and contact an LG Electronics Customer Information Center.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not grasp the power cord or touch the appliance controls with wet hands.

- If water enters the product, turn off the power at the main circuit, then unplug the product and call for service.
- If the product has been submerged, contact an LG Electronics Customer Information Center for instructions before resuming use.
- Unplug the product when unused for long periods.
- Unplug the product before cleaning.
- In the event of a gas leak (propane gas, etc.) do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- 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 the 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.
- The interior of the product must only be cleaned by a LG Electronics Customer Information Center or a dealer.
- Do not use solvent-based detergent on the product. Doing so can cause corrosion or damage, product failure, electrical shock, or fire.

GROUNDING INSTRUCTIONS

- The power cord of this appliance is equipped with a three-prong (grounding) plug. Use this with a standard three-slot (grounding) wall power outlet to minimize the hazard of electric shock. The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded. ***DO NOT CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER PLUG.***
  - Situations when the appliance will be disconnected occasionally; Because of potential safety hazards, we strongly discourage the use of an adapter plug.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal, and not insulated, and the wall receptacle is grounded through the house wiring. The customer should have the circuit checked by a qualified electrician to make sure the receptacle is properly grounded.
- Disconnect the power cord from the adapter, using one hand on each. Otherwise, the adapter ground terminal might break. Do not use the appliance with a broken adapter plug.
  - Situations when the appliance will be disconnected often; Do not use an adapter plug in these situations. Unplugging the power cord frequently can lead to an eventual breakage of the ground terminal. The wall power outlet should be replaced by a three-slot (grounding) outlet instead.

⚠ CAUTION

To reduce the risk of minor or moderate injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

INSTALLATION

- Take care when installing the product that exhaust or condensation does not damage nearby property.
- Follow installation instructions exactly to avoid excessive vibration or water leakage.

OPERATION

- This appliance is not intended for use as a precision refrigeration system. Do not use it for special purposes such as maintaining pets, food, precision machinery, or art objects.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Make sure the air inlet and outlet are free from obstructions.
- Use a soft cloth to clean the appliance. Do not use waxes, thinners, or harsh detergents.
- Do not step on or place heavy objects on top of the appliance.
- Do not operate the appliance without the filter securely installed.
- Do not drink water drained from the appliance.
- Be sure to ventilate sufficiently when the air conditioner and a heating appliance such as a heater are used simultaneously.
- Being exposed to direct airflow for an extended period of time could be hazardous to your health.
- Remove the batteries if the remote control is not to be used for an extended period of time.
- Never mix different types of batteries, or old and new batteries for the remote control.
- Stop using the remote control if there is a fluid leak in the battery. If your clothes or skin are exposed to the leaking battery fluid, wash off with clean water.
- If the leaking battery fluid has been swallowed, rinse the inside of the mouth thoroughly and consult a doctor.
- Do not recharge or disassemble the batteries.

MAINTENANCE

- Clean the filter every two weeks.
- Never touch the metal parts of the air conditioner when removing the air filter.
- Never use strong cleaning agents or solvents when cleaning the air conditioner or spray water. Use a smooth cloth.

REFRIGERANT (FOR R32 ONLY)

⚠ WARNING

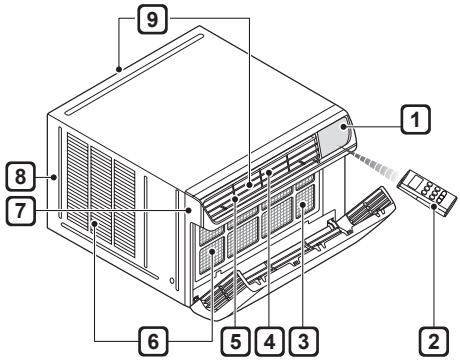
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).
- Do not pierce or burn. Be aware that flammable refrigerants may not contain an odor.
- 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 so as to prevent mechanical damage from occurring.

Technical Safety

- 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.
- 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.

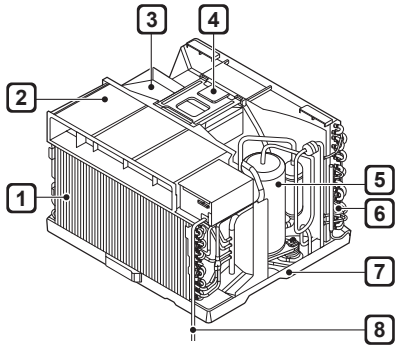
PRODUCT OVERVIEW

Exterior Parts



1. Control Panel
2. Remote Controller
3. Air Filter
4. Vertical Air Deflector (Horizontal Louver)
5. Horizontal Air Deflector (Vertical Louver)
6. Air Inlet
7. Front Grille
8. Cabinet
9. Air Outlet

Interior Parts

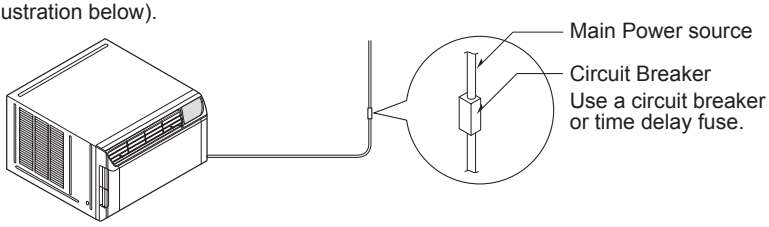


1. Evaporator
2. Air Guide
3. Control Box
4. Brace
5. Compressor
6. Condenser
7. Base Pan
8. Power Cord

INSTALLATION

Circuit Breaker Installation

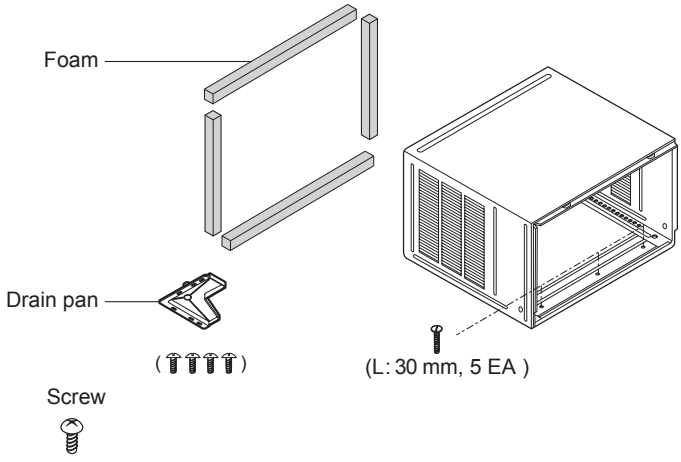
Read thoroughly and follow all directions provided.
A circuit breaker must be installed between the power source and the unit if the plug is not used (see illustration below).



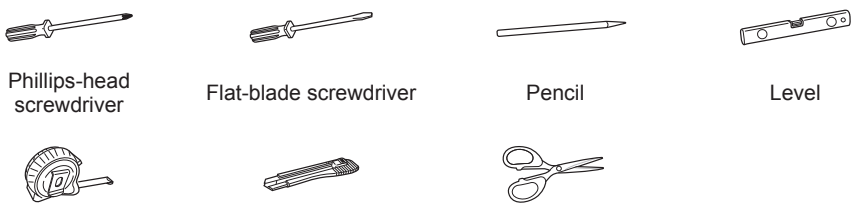
NOTE

- Use 15 A circuit breaker.

Installation Overview

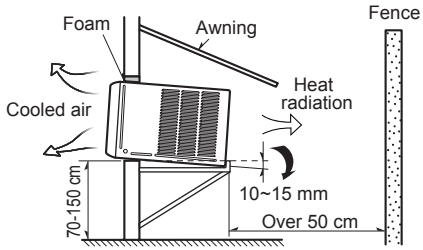


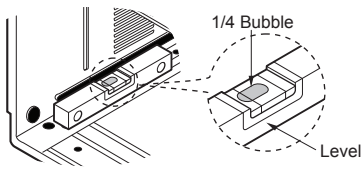
Tools Needed



How to Install the Unit

1. Measure the space for installation to assure a good fit. The air conditioner must be installed firmly into place to prevent vibration and noise.
2. Avoid exposure to direct sunlight.
3. Remove all obstacles from the rear of the unit. There must be at least 50 cm (20 in.) of cleared space around the rear of the unit. Obstacles restricting the airflow may reduce the cooling efficiency of the unit.
4. The unit should be installed with a slight tilt towards the outside to allow condensed water to drain. (About 10~15 mm or 1/4 bubble with Level)



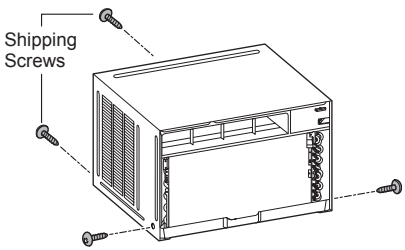


CAUTION

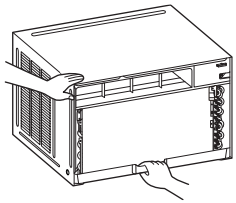
- The external grille must be exposed outside for air discharge.

Preparation of the Cabinet

1. Remove 4 screws which fasten the cabinet at both sides and at the back. (Keep the screws for later use.)



2. Slide the unit from the cabinet by gripping the base pan handle and pulling forward while bracing the cabinet.



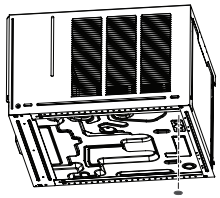
CAUTION

- The unit is heavy. To prevent injury, use proper lifting techniques when pulling unit forward from cabinet. Obtain assistance from another person if possible.

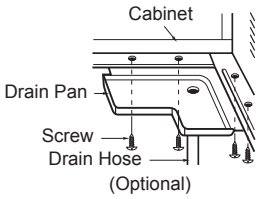
Drainage (Optional)

The base-pan may overflow due to high humidity. To drain the excess water, remove the drain cap from the base pan of the unit and secure the Drain Pan.

1. Remove the rubber cap from the hole under the base-pan.



2. Install the drain pan over the corner of the cabinet with 2-4 screws.
3. Connect the drain hose to the outlet located on the bottom of the drain pan. (You can purchase the drain hose or tubing locally to satisfy your particular needs. Drain hose is not supplied)

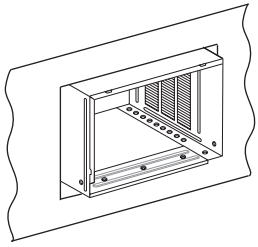


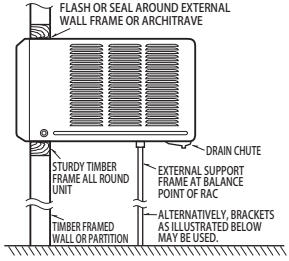
Installation of the Cabinet

1. Prepare the hole in the wall so that the bottom of the cabinet is well supported, the top has minimum clearace and the air inlet louveres have clearance as shown. Holes from the outside through to the cavity should be sealed. The cabinet should slope down towards the rear by about 10~15 mm to allow water formed during operation to drain.
2. Install the cabinet into the wall and secure. Ensure the foam seals are not damaged. Flash, seal or fill gaps around the inside and outside to provide satisfactory appearance and protection against the weather, insects and rodents.

NOTE

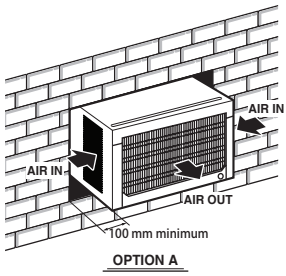
- Unit may be supported by a solid frame from below or by a hanger from a solid overhead support.



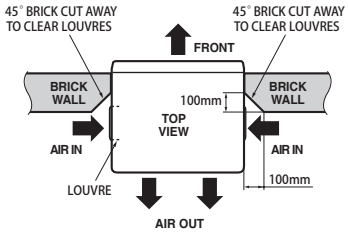


Preferred method of installation into a timber framed wall, partition or window.

Space for Outside Air Flow



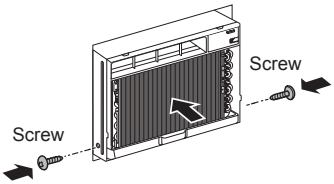
OPTION A



OPTION B

Installations of the unit into the Cabinet

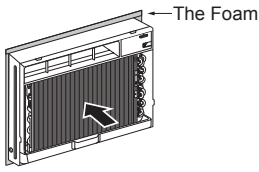
1 Slide the air conditioner into the case. Reinstall the 2 screws removed earlier on each side of the case.



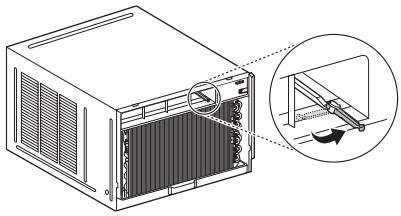
⚠ CAUTION

- The unit is heavy. Use an assistant to help lift the unit and set it in place. Lifting and maneuvering the unit by yourself could result in injury.
- Hold the unit firmly in place until the window frame is lowered to meet the top surface of the unit directly behind the upper guide. If the unit falls from the window, it could cause personal injury or property damage.

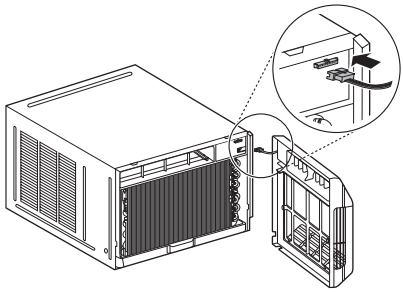
2 Stuff the foam around the unit to prevent air and insects from getting into the room.



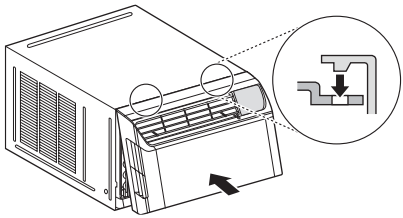
3 Before installing the front grille, pull out the vent control lever located above the unit control knobs, as shown. (for some models)



4 Connect the wire harness from the front grille assembly to the air conditioner.



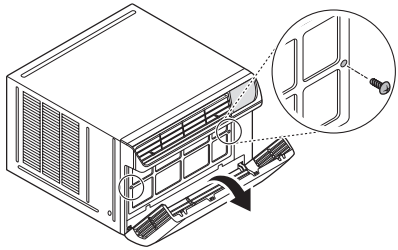
5 Attach the front grille assembly to the cabinet by inserting the grille tabs into the slots on the front of the cabinet. Push the grille in until it snaps into place.



NOTE

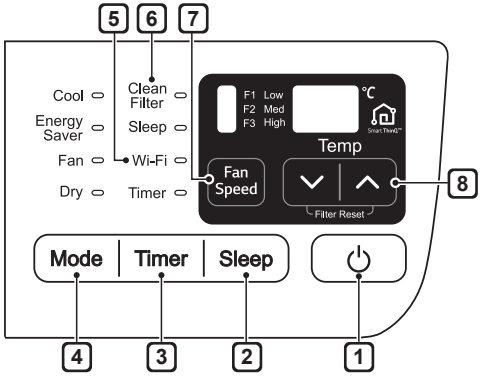
- Carefully guide the vent control lever through the grille as you push the grille in.

6 Open the air inlet grille and secure the front grille assembly with 2 screws (L:10 mm) through the both sides of the front grille.

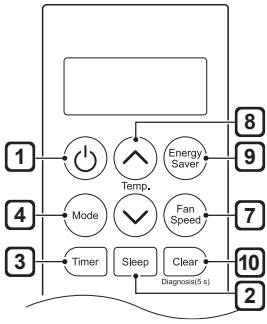


OPERATION

Control Panel and Remote Control



Remote Control



1 **Power**

Press to turn the air conditioner ON or OFF.

2 **Sleep Mode**

This mode keeps operating noise to a minimum and turns the air conditioner off after a set time. The timer can be set from 1 to 7 hours.

- In the Cool, Energy Saver, Dry Mode, the setting temperature increases by 1 °C after 30 minutes and additional 1 °C after another 30 minutes for a more comfortable sleep.
- The setting temperature increases up to 2 °C from the preset temperature.

3 **Delay ON/OFF Timer**

Delay ON - When the air conditioner is off, set it to automatically turn on from 1 to 24 hours later, at its previous mode and fan settings.

Delay OFF - When the air conditioner is on, set it to automatically turn off from 1 to 24 hours later.

NOTE

- Each press of the **Timer** button advances the timer by 1 hour. After the last press the display returns to the temperature setting.

4 **Operation Mode**

Press the Mode button to cycle between 4 types of air conditioner operation: Energy Saver / Cool / Fan / Dry.

Energy Saver - In this mode the compressor and fan turn off when the set temperature is achieved. Approximately every 3 minutes the fan turns on to allow the unit sensor to accurately determine if more cooling is needed.

Cool - This mode is ideal on hot days to cool and dehumidify the room quickly. Use the **Temp** ∧ | ∨ buttons to set the desired room temperature and use the **Fan Speed** button to set the desired fan circulation speed.

Fan - In this mode the fan circulates air but the compressor does not run. Use the **Fan Speed** button to set fan speed to High, Medium or Low. In this mode, you cannot adjust the set temperature.

Dry - This mode is ideal for rainy and damp days to dehumidify the room rather than cooling it significantly. Humidity is removed from the room by the combination of compressor operation and the fan speed fixed at Low. The compressor and fan turn off once the set temperature is reached. Fan speed cannot be adjusted in Dry mode.

5 **Wi-Fi**

Enables connection of the air conditioner to the home Wi-Fi.

- Wi-Fi Pairing : Mode + Fan Speed
- Wi-Fi Off : Power + Fan Speed

6 **Clean Filter**

The Clean Filter LED lights up to notify you that the filter needs to be cleaned. After cleaning the filter, press **Temp** ∧ and ∨ together on the control panel to turn off the Clean Filter light.

NOTE

- The filter reset must be done using the control panel, not the remote control.
- This feature is a reminder to clean the air filter for more efficient operation. The LED light turns on after 250 hours of operation.

7 **Fan Speed**

Press to set the fan speed to Low (F1), Medium (F2), or High (F3).

8 **Temperature Control**

The thermostat monitors room temperature to maintain the desired temperature. The thermostat can be set between 16 °C–30 °C (60 °F–86 °F). Press ∧ or ∨ arrows to increase or decrease temperature setting.

9 **Energy Saver**

In this mode the compressor and fan turn off when the set temperature is achieved. Approximately every 3 minutes the fan turns on to allow the unit sensor to accurately determine if more cooling is needed.

10 **Clear**

Cancel Sleep and Timer settings. Also set the Diagnosis if held for 5 seconds.

NOTE

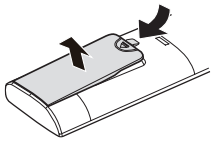
- **Auto Restart:** If the air conditioner turns off due to a power outage, it will restart automatically once the power is restored, with the same settings as were set before the unit turned off.
- **Energy Saver:** The unit defaults to the Energy Saver mode each time the unit is switched on except in Fan mode or when power is restored after an electrical power outage.
- The remote control will not function properly if the AC infrared sensor is exposed to direct light or if there are obstacles between the remote controller and the air conditioner.

Wireless Remote Control

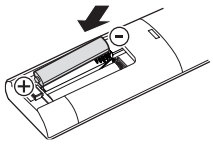
Inserting Batteries

If the display screen of the remote control begins to fade, replace the batteries. Insert AAA (1.5 V) batteries before using the remote control.

1 Remove the cover on the back of the remote control.



2 Insert the new batteries and make sure that the + and - terminals of the batteries are installed correctly.

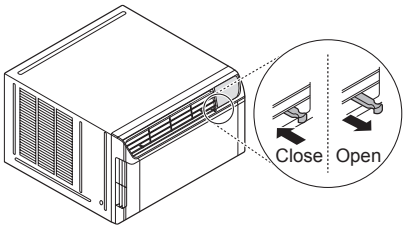


NOTE

- New batteries are supplied with the air conditioner for use in the remote control.
- Do not use a rechargeable battery. Make sure that the battery is new.
- In order to prevent discharge, remove the battery from the remote control if the air conditioner is not going to be used for an extended period of time.
- Keep the remote control away from extremely hot or humid places.
- To maintain optimal operation of the remote control, the remote sensor should not be exposed to direct sunlight.

Ventilation

Push the ventilation lever in to the closed position to maintain the best cooling performance. Pull the ventilation lever out to open the vent and draw fresh air into the room.

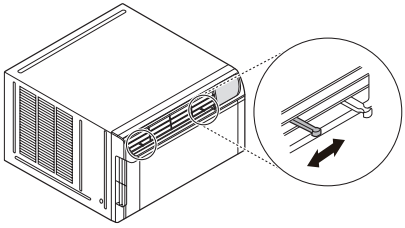


Air Direction

Airflow can be adjusted by changing the direction of the air conditioner's louvers.

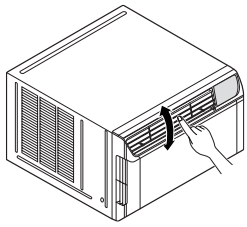
Adjusting Horizontal Airflow Direction

The horizontal airflow is adjusted by moving the levers of the vertical louvers to the left or right.



Adjusting Vertical Airflow Direction

Touch the horizontal louvers to adjust the airflow up or down.

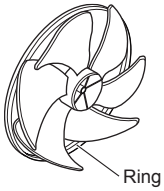


NOTE

- When the weather is extremely hot, the unit may turn off automatically to protect the compressor.

Slinger Fan

This air conditioner is equipped with a slinger fan. (See drawing.)
The fan's outer ring picks up the condensed water from the base pan if the water level gets high enough. The water is then picked up by the fan and expelled through the condenser, making the air conditioner more efficient.



SMART FUNCTIONS

Using LG SmartThinQ Application

Things to check before using LG SmartThinQ

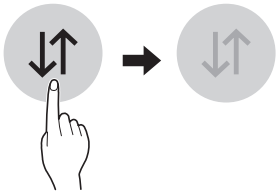
• For appliances with the SmartThinQ logo

1 Check the distance between the appliance and the wireless router (Wi-Fi network).

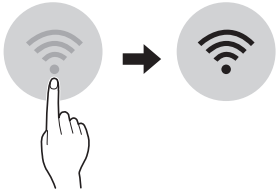
• If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to register or installation may fail.

2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.

• For iPhones, turn data off by going to **Settings** → **Cellular** → **Cellular Data**.



3 Connect your smartphone to the wireless router.



NOTE

• To verify the Wi-Fi connection, check that **Wi-Fi** icon on the control panel is lit.

• The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.

• LG SmartThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.

• If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.

• The Wi-Fi connection may not connect or may be interrupted because of the home network environment.

• The network connection may not work properly depending on the Internet service provider.

• The surrounding wireless environment can make the wireless network service run slowly.

• The appliance cannot be registered due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.

• If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.

• The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)

• Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.

• If the security protocol of the router is set to **WEP**, you may fail to set up the network. Please change it to other security protocols (**WPA2** is recommended) and register the product again.

Installing LG SmartThinQ

Search for the LG SmartThinQ application from the Google Play Store or Apple App Store on a smart phone. Follow instructions to download and install the application.

Wi-Fi Function

• For appliances with the SmartThinQ logo

Communicate with the appliance from a smart phone using the convenient smart features.

Settings

Allows you to set various options on the appliance and in the application.

NOTE

- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the LG SmartThinQ application and register it again.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Open Source Software Notice Information

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LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Smart Diagnosis™ Using a Smart Phone

Use this function if you need an accurate diagnosis by an LG Electronics customer information center when the appliance malfunctions or fails.

Smart Diagnosis™ can not be activated unless the appliance is connected to power. If the appliance is unable to turn on, then troubleshooting must be done without using Smart Diagnosis™.

1. Open the **LG SmartThinQ** application on the smart phone.
2. Select the air conditioner in dashboard.
3. Press **Start Smart Diagnosis** button.
4. Follow the instructions on the smart phone.

NOTE

- The Smart Diagnosis™ function depends on the local call quality.
- If the Smart Diagnosis™ data transfer is poor due to poor call quality, you may not receive the best Smart Diagnosis™ service.
- Be sure to keep ambient noise to a minimum or the phone may not correctly receive the buzzer beeps from the indoor unit.

MAINTENANCE

⚠ WARNING

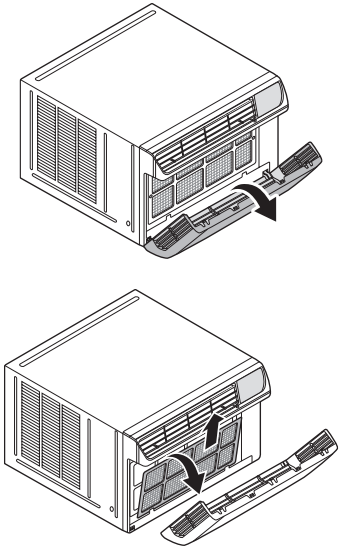
Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.

Air Filter

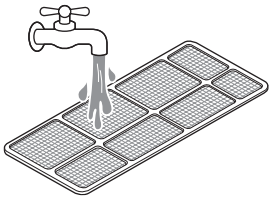
Check the air filter at least twice a month to see if cleaning is necessary. Trapped particles in the filter can build up and block the airflow, reducing cooling capacity and causing an accumulation of frost on the evaporator.

Cleaning the Air Filter

1 Remove the air filter from the front grille by pulling the filter forward and then up slightly.



2 Wash the filter using lukewarm water below 40 °C (104 °F).



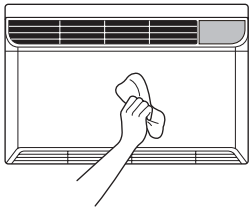
3 Gently shake the excess water from the filter.

4 Dry the filter in the shade.

5 Insert the filter into the Front grille.

Cleaning the Air Conditioner

- Wipe the front grille and inlet grille with a cloth dampened in a mild detergent solution.
- Wash the cabinet with mild soap or detergent and lukewarm water, then polish using liquid appliance wax.



NOTE

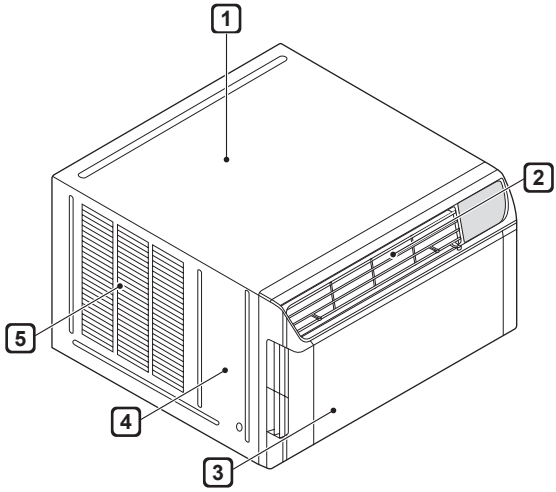
- To ensure continued peak efficiency, the condenser coils (outside of unit) should be checked periodically and cleaned if clogged with soot or dirt from outside air.
- For repair and maintenance, contact a LG Electronics Customer Information Center. See the warranty card for details or call (02)7902-55-44. Have your model number and serial number available.

TROUBLESHOOTING

Before Calling for Service

The appliance is equipped with an automatic error-monitoring system to detect and diagnose problems at an early stage. If the appliance does not function properly or does not function at all, check the following before you call for service.

Normal Sounds You May Hear



1 High Pitched Chatter

Today's high efficiency compressors may have a high pitched chatter during the cooling cycle.

2 Sound of Rushing Air

At the front of the unit, you may hear the sound of rushing air being moved by the fan.

3 Gurgle/Hiss

Gurgling or hissing noise may be heard due to refrigerant passing through evaporator during normal operation.

4 Vibration

Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

5 Pinging or Swishing

Droplets of water hitting condenser during normal operation may cause pinging or swishing sounds.

Problem	Possible Cause	Solutions
Air conditioner does not start.	**The air conditioner is unplugged.**	Make sure the air conditioner plug is pushed completely into the outlet.
	The fuse is blown/circuit breaker is tripped.	Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	Power failure.	If power failure occurs, turn the mode control to off. When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
Air conditioner does not cool as it should.	**Airflow is restricted.**	Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner.
	The temp control may not be set correctly.	Set the desired temperature to a level lower than the current temperature.
	The air filter is dirty.	Clean the filter at least every 2 weeks. See the 'MAINTENANCE (Cleaning the Air Filter)' section.
	The room may have been hot.	When the air conditioner is first turned on, you need to allow time for the room to cool down.
	Cold air is escaping.	Check for open furnace floor registers and cold air returns.
	Cooling coils have iced up.	See 'Air conditioner freezing up' below.
Air conditioner freezing up.	**The cooling coils are iced over.**	Ice may block the air flow and obstruct the air conditioner from properly cooling the room. Set the Fan Speed High at Fan or Cool mode.
Water drips outside.	**Hot, humid weather.**	This is normal.

Problem	Possible Cause	Solutions
Water drips indoors.	**The air conditioner is not tilted to the outside.**	For proper water disposal, make sure the air conditioner slants slightly from the cabinet front to the rear.
Water collects in base pan.	**Moisture removed from air and drains into base pan.**	This is normal for a short period in areas with little humidity; normal for a longer period in very humid areas.
Air conditioner turns on and off rapidly.	**Dirty air filter - air restricted.**	Clean air filter.
	Outside temperature extremely hot.	Refer to installation instructions or check with installer.
Noise when unit is cooling.	**Air movement sound.**	This is normal. If too loud, set to lower FAN Speed.
	Window vibration - poor installation.	Refer to installation instructions or check with installer.
Room too cold.	**Set temperature too low.**	Increase set temperature.
Can't connect the LG SmartThinQ App. to the air conditioner.	**Air conditioner is turned off.**	Turn the air conditioner on.
	Wireless router is turned off.	Turn the router on.
The air conditioner is not connecting to the Wi-Fi.	**The Wi-Fi router is too far from the air conditioner.**	Move the router closer to the air conditioner or purchase and install a Wi-Fi repeater (signal booster).
	You do not have permission to use the router or it is incompatible.	Make sure you are selecting the correct wireless router from the list. The router must be set to 2.4 GHz.

NOTE

- If you see "CH" in the display, please call (02)7902-55-44.

Wi-Fi

Problem	Possible Cause	Solutions
Trouble connecting appliance and smartphone to Wi-Fi network.	**The password for the Wi-Fi network was entered incorrectly.**	Delete your home Wi-Fi network and begin the registration process again.
	Mobile data for your smartphone is turned on.	Turn off the **Mobile data** on your smartphone before registering the appliance.
	The wireless network name (SSID) is set incorrectly.	The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
	The router frequency is not 2.4 GHz.	Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.
	The distance between the appliance and the router is too far.	If the appliance is too far from the router, the signal may be weak and the connection may not be configured correctly. Move the router closer to the appliance or purchase and install a Wi-Fi repeater.


LG
Life's Good