



OWNER'S MANUAL

AIR CONDITIONER

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

ENGLISH

Cassette 4 way

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IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

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.

WARNING INSTRUCTIONS



WARNING

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

Technical Safety

- 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.
- To prevent hazards to you and others, only allow qualified personnel to install or service the product.
- The information contained in the manual is intended for use by a qualified service technician who is familiar with the safety procedures and equipped with the proper tools and test instruments.
- Failure to read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.
- Installation MUST conform to the local building codes or, in the absence of local codes, the National Electrical Code NFPA 70/ANSI C1-1003 or current edition and Canadian Electrical Code Part1 CSA C.22. 1.
- The Limited Warranty is void and of no effect, and LG will have no liability hereunder to any Customer or third party, to the extent any of the following occur: acts, omissions, and conduct of any and all third parties including, but not limited to, the installing contractor and any repairs, service or maintenance by unauthorized or unqualified persons.

Installation

- Contact the dealer to have the air conditioner installed.
- Contact the dealer for repairs, maintenance and to reinstall the air conditioner.
- Do not attempt to do electrical work or grounding work unless you are licensed to do so. Consult with the dealer for electrical work and grounding work.
- Be sure to only use accessories made by LG which are specifically designed for use with the equipment and have them installed by a professional.
- Be sure to use only those parts which are listed in the service parts list. Never attempt to modify the equipment.
- Do not install the unit in potentially explosive atmospheres.
- Do not install the air conditioner at any place where flammable gas may leak out. If the gas leaks out and stays around the air conditioner, a fire may break out.
- Always install a dedicated circuit and breaker.
- Be sure to install an earth leakage breaker.
- Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.
- Be sure to establish an earth.
- Tightly secure the indoor/outdoor wiring connections. Route the cable properly so nothing is exerting force on the cable that could disconnect it from the connection terminals. Improper or loose connections can generate heat or cause a fire.
- Do not turn on the breaker or power while the front panel, cabinet, top cover or control box cover are removed or opened.
- Use non-flammable gas (nitrogen) to check for leaks and to purge air; using compressed air or flammable gas may cause a fire or explosion.

Operation

- Do not modify or extend the power cable.
- Do not install the unit in an area where there are flammable materials.
- Take care to ensure that the power cable cannot be pulled out or damaged during operation.
- Never touch, operate, or repair the product with wet hands.
- Never let the indoor unit or the remote controller get wet.
- Do not insert hands or other objects through the air inlet or outlet while the product is operating.
- Take care to ensure that nobody can step on or fall onto the outdoor unit.
- Do not allow a child to mount on the unit or place any object on it. Do not let children play on and around the unit.
- If refrigerant gas leaks while the unit is being repaired do not touch the leaking refrigerant gas.
- Never use flammable spray such as hair spray, lacquer or paint near the unit.
- Do not use the product in a tightly closed space for a long time.
- If equipment utilizing a burner is used in the same room as the air conditioner, there is the danger of oxygen deficiency, which could lead to asphyxiation. Be sure to ventilate the room sufficiently to avoid this hazard.
- Make sure that there are no obstacles close to the outdoor unit. The presence of obstacles close to the outdoor unit may reduce the performance of outdoor unit or increase its operating sound.
- If there are any abnormalities in the operation of the air conditioner such as strange sounds, smoke or fire. turn off the power and contact the dealer immediately.
- Never sprinkle or spill water or liquids on unit.
- If the product becomes soaked (flooded or submerged), contact the dealer.

6 IMPORTANT SAFETY INSTRUCTIONS

- If the refrigerant gas leaks during the installation, ventilate the area immediately.
- Do not turn off the power immediately after stopping operation. Always wait for at least five minutes before turning off the power.
- Stop operation and close all window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

Wireless Remote Control

- Remove the batteries if the remote control will not be used for an extended period of time.
- Never mix different types of batteries, or old and new batteries, in the remote control.
- Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire.
- Stop using the remote control if there is fluid leaking from the battery. If your clothes or skin is exposed to the leaking battery fluid, wash it off with clean water.
- If the leaking battery fluid has been swallowed, rinse the inside of the mouth thoroughly and consult a doctor.
- Dispose of the batteries in a place where there is no danger of fire.

Maintenance

- Consult with the installation contractor for cleaning or maintenance. Turn off all electrical power before doing any cleaning or maintenance.
- Check the foundation for damaged on a continuous basis, especially if it has been in use for a long time.
- The heat exchanger fins are sharp edges enough to cut. To avoid injury, wear gloves or cover the fins while working around them.
- Tear apart and throw away plastic packaging bags so that children will not play with them.

Refrigerant

- Never use refrigerants that are not specified on the specification. label and in the manuals.
- Do not mix air or gases other than the specified refrigerant used in the system.
- Always check for gas (refrigerant) leakage after installation or repair of product.
- In the case of refrigerant leakage, consult the dealer.
- When installing the air conditioner in a small room, it is necessary to take proper measures so that even when it leaks, the amount of any leaked refrigerant does not exceed the limiting concentration even when it leaks. If the refrigerant leakage exceeds the limiting concentration level, an oxygen deficiency-related accident may occur.

CAUTION INSTRUCTIONS

CAUTION

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

Installation

- Use two or more people to lift and transport the product.
- Do not install the product in an area where it is directly exposed to sea wind (salt spray).

- Make sure that the drainpipe is installed properly to drain water. Arrange the drain hose to ensure smooth drainage.
- Do not install the product where the noise or hot air from the outdoor unit could be harmful to your immediate surroundings.
- Exercise caution when unpacking or installing the product.
- Keep the product level during installation or removal.
- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.

Operation

- Do not place anything on the power cable.
- Do not drink the water drained from the product.
- Do not step on or put anything on the product. (outdoor units)
- Do not place objects in direct proximity of the outside unit.
- Do not let leaves and other debris accumulate around the unit. Leaves are a hotbed for small animals, which can enter the unit. Once inside the unit, these animals can lead to the unit malfunctioning, and end up causing in smoke or fire when they make contact with electrical parts.
- Do not let the air conditioner run while a door or window is open on a day with high humidity. This could result in excessive moisture and water damage.
- Do not use the air conditioner for any other purposes other than comfort cooling or heating. Do not use the unit for cooling precision instruments, food, plants, animals or works of art.
- Do not operate the product when using a room fumigation-type insecticide.
- The appliance is not intended for use by young children or infirm persons without supervision.

Maintenance

- Use a firm stool or ladder when cleaning or maintaining the product.
- Do not wipe the controller operation panel with benzine, thinner, chemical dust cloths, etc. The panel may get discolored or the coating may peel off.
- If the product is very dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the panel clean. Then wipe it dry it with another dry cloth.
- Do not touch the metal parts of the product when removing the air filter. They are very sharp.
- Contact the dealer for repair or maintenance.

SAVE THESE INSTRUCTIONS

OPERATION

Before Use

Notes for Operation

- Adjust the direction of the airflow vertically to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, within a short period of time.
- Turn off the appliance and periodically open windows for ventilation. The indoor air quality may deteriorate if the appliance is used for long periods.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the airflow or reduce the appliance performance.

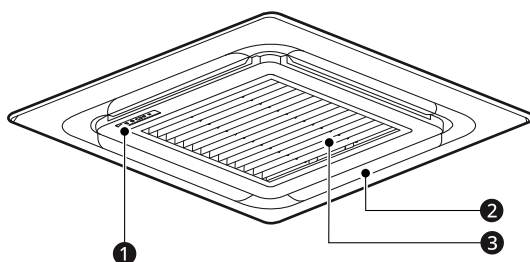
Suggestions for Energy Saving

- Do not over-cool the space. This may be harmful to your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the appliance.
- Keep doors or windows closed tightly while you are operating the appliance.

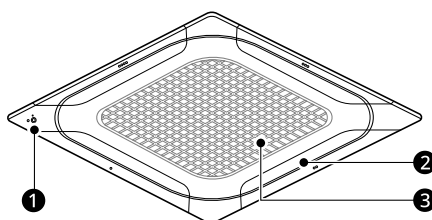
Product Overview

4way Cassette

Type 1



Type 2



❶ Product Display and Remote Control Receiver

Displays the operating status and contains the receiver for the wireless remote.

❷ Air Outlet

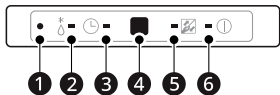
Circulates air back into the room at the desired temperature.

❸ Air Intake and Air Filter

Takes in air from the room and reduces dust in the air.

Display

Type 1



1 Forced Operation Button

Operates the product when the remote control can't be used.

- Press the 1 button for about 2 seconds. The setting is **Cooling** mode, **Power**, 18 °C.

2 Defrost Mode

Lights up when the defrost mode or hot start[†] function operates.

[†] This function is only available on heat pump models.

3 Timer

Lights up when the timer function is set.

4 Remote Control Receiver

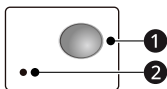
5 Filter Sign

Lights up when the time to use filter is more than 2400 hours after first operating the product.

6 Power

Lights up when the product turns on or operates.

Type 2



1 Operating Status Lamp

Color	Description
Green	1) Cooling or Heating mode 2) Hot start or defrost mode before starting heating mode
Yellowish Green	1) Time to clean the filter in cooling or heating mode [†] 2) when the reservation sets on
Orange	Time to clean filter when the product is not operated

[†] The Clean Filter indicator lamp does not light up starting from the corresponding product manufacturing number (After Oct. 2021).

2 Forced Operation Button

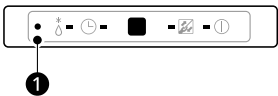
Operates the product when the remote control can't be used.

- Press the 2 button for about 2 seconds. The setting is **Cooling** mode, **Power**, 18 °C.

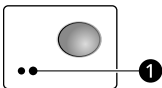
Manual Operation

If your wireless remote control is unavailable, you can turn the appliance on and off by pressing the **Forced Operation** button 1 on the indoor unit.

Type 1



Type 2



Restoring the Previous Settings

When the air conditioner is turned on again after a power failure, Auto Start function restores the previous settings.

When using the appliance for the first time, Auto Restart function is set. You can cancel and set this function by pressing the **Forced Operation** button 1 on the indoor unit.

Canceling Auto Restart

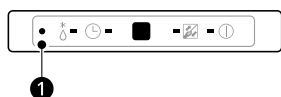
- 1 Open the front panel cover.
- 2 Press and hold the **Forced Operation** button 1 for 6 seconds.
- 3 When the appliance beeps twice, release the **Forced Operation** button 1. The product will beep twice and the lamp will blink 8 times.

Setting Auto Restart

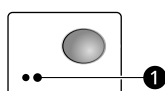
- 1 Open the front panel cover.

- 2 Press and hold the **Forced Operation** button ❶ for 6 seconds.
- 3 When the appliance beeps twice, release the **Forced Operation** button ❶. The product will beep twice and the blue lamp will blink 4 times.

Type 1



Type 2

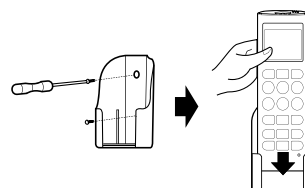


NOTE

- This feature may change depending on the model type.
- If you press and hold the **Forced Operation** button ❶ for 3 - 5 seconds, instead of 6 seconds, the appliance will switch to the test operation. In this test operation, the appliance blows out strong cooling air for 18 minutes and then returns to factory default settings.

Installing the Remote Control Holder

- 1 Choose a suitable place where its safe and easy to reach.
- 2 Fix the firmly to the wall with the supplied screws.
- 3 Slide the remote controller inside the holder.



NOTE

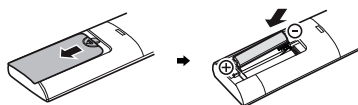
- The remote controller should never be exposed to direct sunlight.
- The signal transmitter and receiver should always be clean for proper communication. Use a soft cloth to clean them.
- If other appliances are accidentally affected by the remote controller, change their position or consult your serviceman.

Preparing before Operation

Inserting the Batteries into the Wireless Remote Control

Insert AAA (1.5 V) batteries into the wireless remote control.

- Remove the battery cover and insert the new batteries, making sure that the + and - terminals of the batteries are oriented correctly.

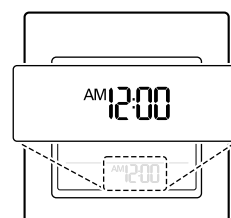


NOTE

- When the wireless remote control display begins to fade, replace the AAA (1.5 V) batteries.
- Do not use old and new batteries together.

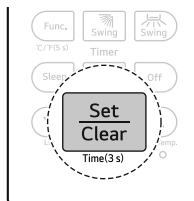
Setting the Current Time on the Wireless Remote Control

- 1 Insert the batteries.
 - The time flashes at the bottom of the display screen.

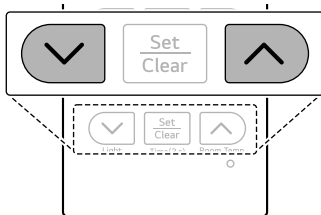


- 2 Press and hold the **Set/Clear** button for about 3 seconds.

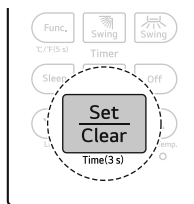
12 OPERATION



- 3** Press the or button to change the time in 10-minute increments and decrements.

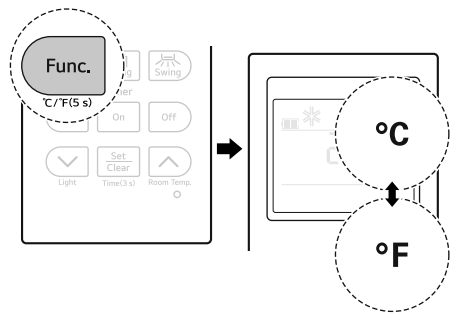


- 4** Press the **Set/Clear** button to set the current time.



NOTE

- The **On Timer** and **Off Timer** are available after setting the current time.



Selecting Fahrenheit or Celsius

Set the temperature display to show either Fahrenheit (°F) or Celsius (°C) units.

- 1** Turn the appliance on.
- 2** Press and hold the **Func. (Function)** button for about 5 seconds to change units between °C and °F.

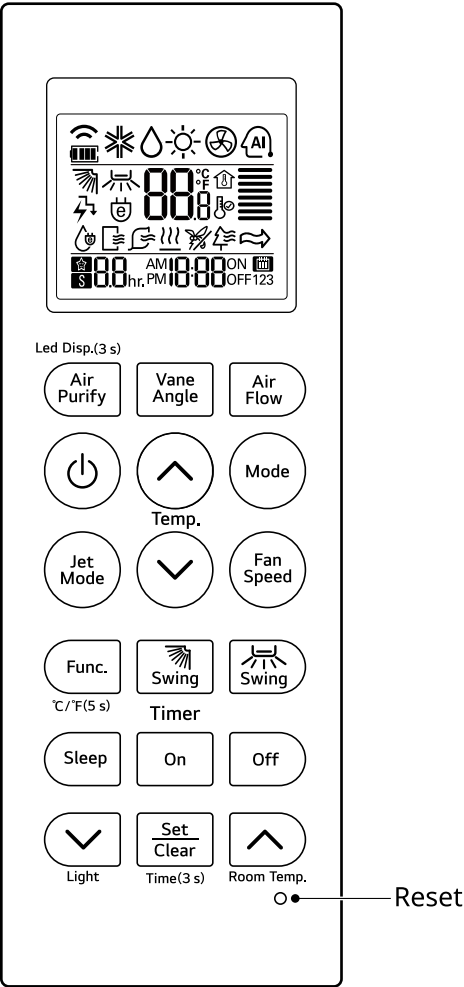
Wireless Remote Control Overview

Wireless Remote Control

† This feature is only available on some models.

Use the wireless remote control to operate the appliance more conveniently.

ENGLISH



Buttons

























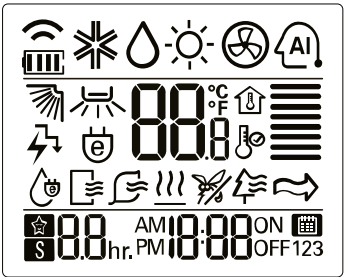
















Image	Description
<div>Led Disp.(3 s)</div> <div></div>	Air Purify[†] Supplies clean, fresh air using ion particles and the filter
<div></div>	Vane Angle Adjusts the vanes to direct the airflow from the air outlet
<div></div>	Air Flow Adjusts the various air flow direction
<div></div>	Power  Turns the appliance on/off
<div><div></div><div>Temp.</div><div></div></div>	Temperature Setting  ,  Adjusts the desired temperature
<div></div>	Mode Selects the desired operating mode <ul style="list-style-type: none">Each press changes the modes in this order: Cooling → Auto → Dehumidification → Heating → Fan.
<div></div>	Jet Mode Changes the room temperature quickly
<div></div>	Fan Speed Adjusts the fan speed
<div><div></div><div>°C/°F(5 s)</div></div>	Func. (Function)[†] Sets the various function or changes the temperature unit <ul style="list-style-type: none">Each press changes the modes in this order: Auto Clean → Energy Saving → Cooling → Smart Clean → Comfort Cooling.
<div></div>	Swing (Up-Down Swing) Adjusts the airflow direction up and down <ul style="list-style-type: none">Press once more Swing (Up-Down Swing) button during rotation, the wind direction is fixed at the desired location.
<div></div>	Sleep Operates the air conditioner in Sleep mode before turning it off automatically at the set time
<div></div>	On Turns on the air conditioner at the set time
<div></div>	Off Turns off the air conditioner at the set time

Image	Description
 Light	Timer Setting  ,  Adjusts the time on the display
 Room Temp.	Light[†] Press and hold the  button for about 3 seconds to turn the indoor unit LED display on or off.
	Room Temp. (Room Temperature) Press and hold the  button for about 3 seconds to display the room temperature.
 Time(3 s)	Set/Clear Sets or cancels the special functions or timer
	Time(3 s) Press and hold the Set/Clear button for about 3 seconds to set the current time on the wireless remote control.
	Reset Resets the wireless remote control setting

Icons



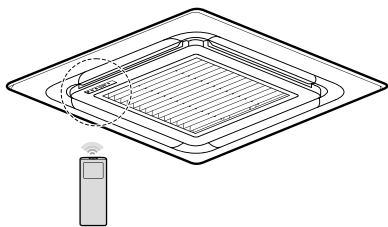
	Cooling Mode		Dehumidification Mode
	Heating Mode		Fan Mode
	Auto Mode		Up-Down Swing
	Left-Right Swing [†]		Energy Control Function
	Energy Saving Function		Room Temperature
	Desired Temperature		Adjusting the Fan Speed
	Comfort Cooling Function		Auto Clean Function
	Smart Clean Function		Sleep Timer

Using Wireless Remote Control

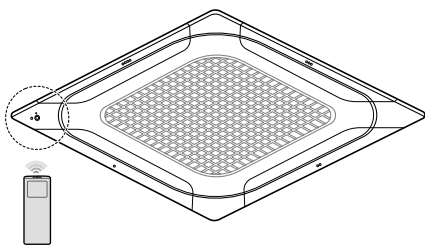
Operating with the Wireless Remote Control

Point the wireless remote control towards the signal receiver in front of the appliance to operate it.

Type 1



Type 2



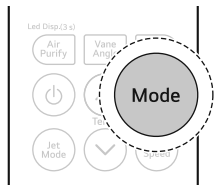
NOTE

- The wireless remote control may operate other electronic devices if it is directed towards them. Make sure to point the wireless remote control towards the appliance signal receiver.

Cooling, Auto, Dehumidification, Heating, Fan Mode

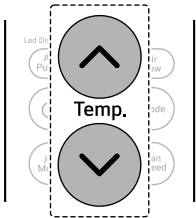
You can change the operating mode when the appliance is turned on.

- 1 Turn the appliance on.
- 2 Press the **Mode** button repeatedly to select the desired mode.



Icon	Description
	Cooling Mode Cool air blows from the air outlets.
	Auto Mode The product adjusts the airflow automatically.
	Dehumidification Mode This function removes moisture in indoor air.
	Heating Mode Warm air blows from the air outlets.
	Fan Mode This function circulates the air without heating or cooling it.

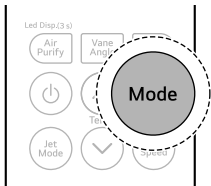
- 3 Press the or button to set the desired temperature.
- Cooling Mode: Set the temperature from 64 °F (18 °C) to 86 °F (30 °C).
 - Heating Mode: Set the temperature from 60 °F (16 °C) to 86 °F (30 °C).
 - Auto Mode (Cooling only): Each press changes the temperature as follows: -2 ↔ -1 ↔ 0 ↔ 1 ↔ 2
 - Auto Mode (Heat pump): Set the temperature from 64 °F (18 °C) to 86 °F (30 °C).
 - Dehumidification, Fan Mode: There is no temperature control.



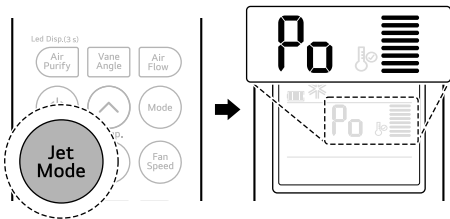
Jet Mode

Use this mode to change the room temperature more quickly.

- 1 Turn the appliance on.
- 2 Press the **Mode** button repeatedly to select the desired mode.
 - The **Jet** mode is available with **Cooling**, **Heating** and **Dehumidification** modes.



3 Press the **Jet Mode** button.



• **Jet Cooling Mode**

Strong cool air blows out for 30 minutes. After 30 minutes, the temperature is maintained at 64 °F (18 °C) by default.

- To change the temperature, press the or button to set the desired temperature.

• **Jet Heating Mode**

Strong warm air blows out for 30 minutes. After 30 minutes, the temperature is maintained at 86 °F (30 °C) by default.

- To change the temperature, press the or button to set the desired temperature.

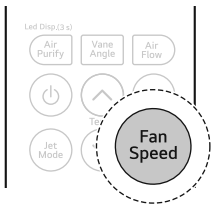
NOTE

- Press the **Jet Mode** or **Fan Speed** or or button to cancel the **Jet** mode.

Adjusting the Fan Speed

You can adjust the fan speed in 5 steps.

- Press the **Fan Speed** button repeatedly to select the desired fan speed.



Speed	Wireless Remote Control Icon
Natural	
High	
Medium	
Low	
Super Low	

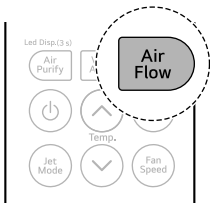
NOTE

- The fan speed may be different according to the model.

Adjusting the Airflow Direction

You can adjust the direction of airflow vertically or horizontally.

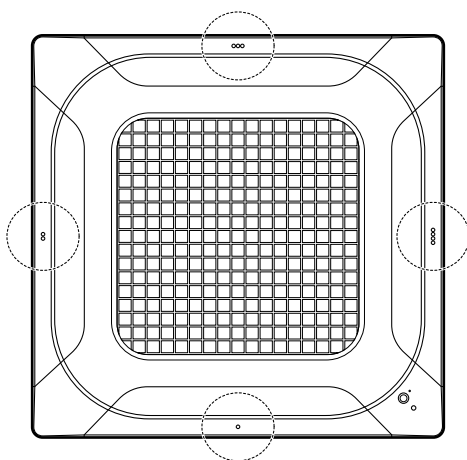
- Press the **Air Flow** button to select the desired airflow direction.



Icon	Description
	Indirect Airflow Sets the vane to deflect airflow away from occupants in the room.
	Direct Airflow Sets the vane to direct airflow toward occupants in the room.
	Smart Mode Sets the desired temperature quickly and sets the vane deflect airflow away from occupants in the room.
	Refresh Mode Emits wind that automatically changes temperature, air volume and wind direction.

NOTE

- Checking each vane number

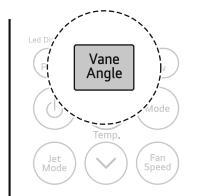


- First vane
- Second vane
- Third vane
- Fourth vane

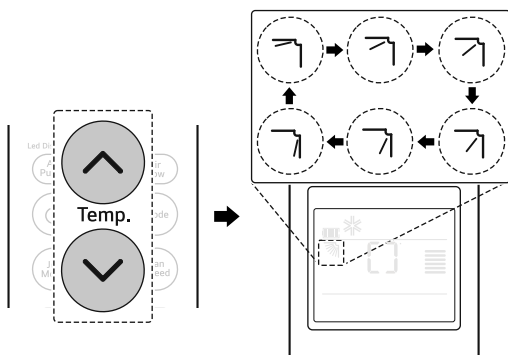
Setting Individual Vane Angle

You can adjust the vane angle individually.

- 1 Press the **Vane Angle** button repeatedly to select the desired vane.



- 2 Press the \uparrow or \downarrow button to select the desired vane angle.

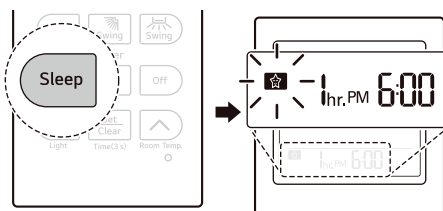
**Timer Setting**

Set the appliance to turn on and off automatically at a desired time.

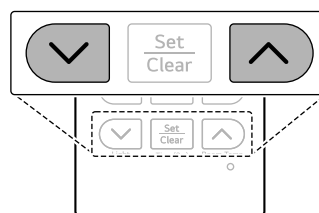
Sleep Timer

The air conditioner operates in Sleep mode and turns off automatically at the set time.

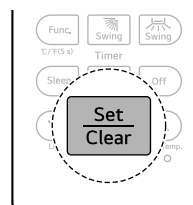
- 1 Press the **Sleep** button while the air conditioner is operating.
 - The icon below flashes at the bottom of the display screen.



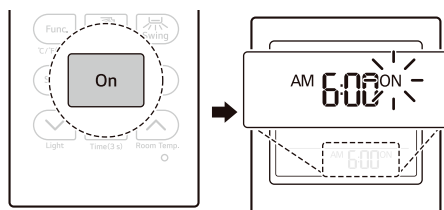
- 2 Press the \checkmark or \wedge button to set the desired time.



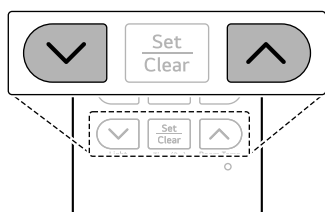
- 3 Press the **Set/Clear** button.
 - The air conditioner operates until the set time and then turns off automatically.

**On Timer**

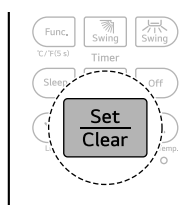
- 1 Press the **On** button while the air conditioner is operating.
 - The icon below flashes at the bottom of the display screen.



- 2 Press the or button to set the desired time.

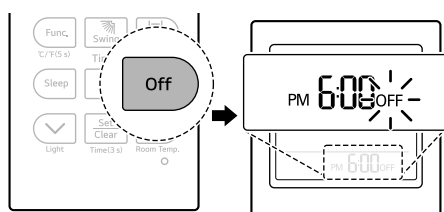


- 3 Press the **Set/Clear** button.
- Turn the air conditioner off. It will turn on automatically at the set time.

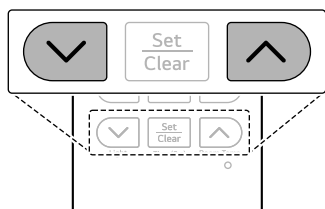


Off Timer

- 1 Press the **Off** button while the air conditioner is operating.
- The icon below flashes at the bottom of the display screen.

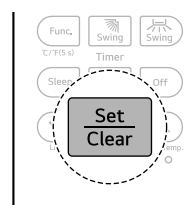


- 2 Press the or button to set the desired time.



- 3 Press the **Set/Clear** button.

- The air conditioner operates until the set time and then turns off automatically.

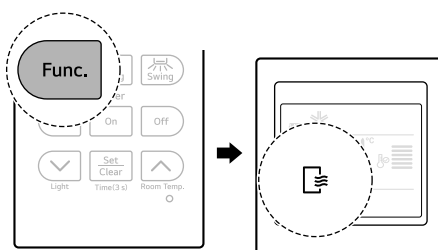


Special Functions

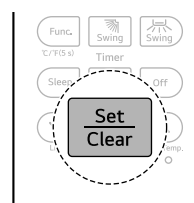
Auto Clean (On Some Models)

In **Cooling** and **Dehumidification** modes, moisture is generated inside the indoor unit. Use this function to reduce that moisture.

- Turn the appliance on.
- Press the **Func. (Function)** button repeatedly to select the **Auto Clean** function.



- 3 Press the **Set/Clear** button to set the function.



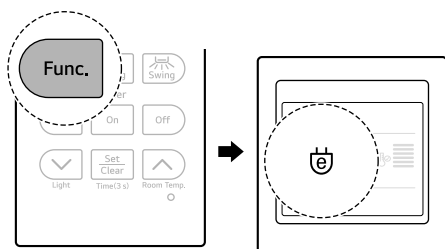
NOTE

- Some functions cannot be used while the Auto Clean function is in operation.
- If you turn off the appliance, the fan continues to run for 30 minutes to clean the inside of the indoor unit.

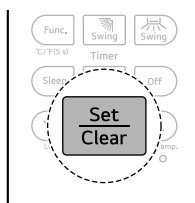
Energy Saving Cooling (On Some Models)

This function adjusts the desired temperature during the cooling operation to enhance the comfort of the user and improve the energy saving performance.

- 1 Turn the appliance on.
- 2 Press the **Func. (Function)** button repeatedly to select the **Energy Saving Cooling** function.



- 3 Press the **Set/Clear** button to set the function.



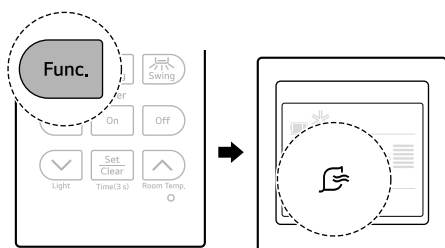
Smart Cleaning (On Some Models)

During the Smart Clean operation, a brush moves back and forth across the filter to clean it.

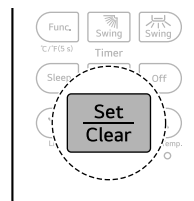
Auto Smart Clean Operation

If the accumulated operation time of the product exceeds 30 hours, the **Smart Clean** automatically starts when the indoor unit is turned off.

- 1 Press the **Func. (Function)** button repeatedly to select the **Smart Clean** function.



- 2 Press the **Set/Clear** button to set the function.



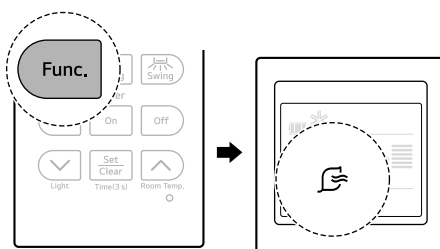
NOTE

- If the accumulated operation time of the product exceeds 30 hours, the **Smart Clean** automatically starts when the indoor unit is turned off.
- To stop this function, press the **Set/Clear** button again.

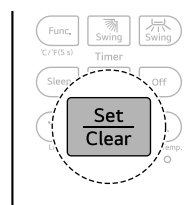
Manual Smart Clean Operation

You can also manually set **Smart Clean** function.

- 1 When the indoor unit stops, press the **Func. (Function)** button repeatedly to select the **Smart Clean** function.



- 2 Press the **Set/Clear** button to set the function.



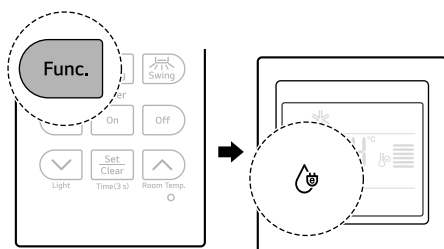
NOTE

- The cleaning process used in the **Smart Clean** function may vary by product.
- To stop this function, press the **Set/Clear** button again.

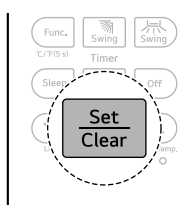
Comfort Cooling (On Some Models)

This function cools until it reaches the set temperature and then automatically controls the cooling level as needed to maintain that temperature.

- 1 Press the **Func. (Function)** button repeatedly to select the **Comfort Cooling** function.




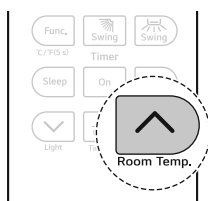
- 2 Press the **Set/Clear** button to set the function.



Checking Room Temperature

Check the current room temperature.

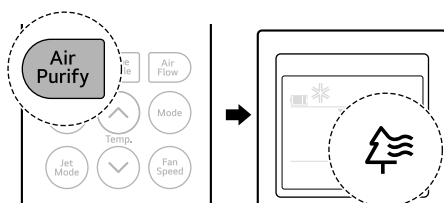
- Press the  button for about 3 seconds. The current room temperature is briefly displayed on the wireless remote control screen for awhile.



How to Use Air Purification (On Some Models)

Ionizer and air purification filter make the indoor air pleasant.

- Press **Air Purify** button to start the air purification operation.



Using Air Purification During Operation Modes

- During cooling, dehumidification, heating or auto changeover operation, if you press **Air**

Purify button, you can use air purification operation at the same time.

- During air purification operation, if you press **Mode** button, you can use cooling, dehumidification, heating or auto changeover operation at the same time.

Smart Air Purification

- Dust sensor detects the indoor air contamination level, and if overall cleanliness is level Unhealthy or more, it automatically starts air purification operation. When overall cleanliness reaches level Good air purification operation stops. If you do not want smart air purification operation, clear by pressing **Air Purify** button. Until you turn off the product and turn on again, air purification operation is not operated automatically.
- It works only in overall cleanliness function applied model.

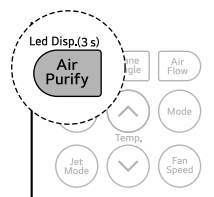
NOTE

- Air purification single operation is the operation with low energy consumption.
- During air purification single operation, wind direction function can be used, but temperature control function cannot be used.
- During cooling operation or dehumidification operation, if you want air purification single operation, press **Power** button to turn off the product, and press **Air Purify** button.

Checking Overall Cleanliness (On Some Models)

It displays the indoor cleanliness.

- 1 Turn the appliance on.
- 2 During the operation, if you press **Air Purify** button for about 3 seconds, you can check the indoor cleanliness in each level on smart indicator of the product.



- Dust concentration referred to the data sheet of the sensor manufacturer.

22 OPERATION

- Dust concentration may continuously change according to the change of the indoor environment.
- Overall cleanliness color is displayed based on the highest contamination level among fine dust(PM10), ultra fine dust(PM2.5), and super ultra fine dust(PM1.0).
- The dust concentration and level displayed on the product may differ from other measuring instruments or other products.
- The dust concentration evaluation is carried out with our company's standard test dust.

Global

Colour (Level)	Display standard (µg/m ³)	
	PM1.0 or PM2.5	PM10
Green (Good)	12 ↓	54 ↓
Yellow (Moderate)	13 - 35	55 - 154
Orange (Unhealthy)	36 - 55	155 - 254
Red (Poor)	56 ↑	255 ↑

China/India

Colour (Level)	Display standard (µg/m ³)	
	PM1.0 or PM2.5	PM10
Green (Good)	35 ↓	50 ↓
Yellow (Moderate)	36 - 75	51 - 150
Orange (Unhealthy)	76 - 115	151 - 250
Red (Poor)	116 - 150	251 - 350
Pink (Very poor)	151 - 250	351 - 420
Violet (severe)	251 ↑	421 ↑

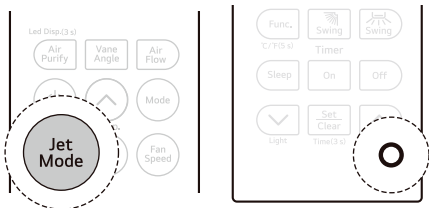
- Guide to dust particles' size
 - Fine dust (PM10): Dust with particle size of 10 µm or less (Generated from workplace combustion, vehicle exhaust, etc.)

- Ultra fine dust (PM2.5): Dust with particle size of 2.5 µm or less (Composed of ion component, carbon compound, and metal compound)
- Super ultra fine dust (PM1.0): Dust with particle size of 1.0 µm or less (Cigarette smoke, etc.)
- Fine / Ultra fine / Super ultra fine dust concentration may be different according to the surrounding environment. (Construction site, road side, factory, etc.)
- Dust concentration may be different according to the installation environment. It is influenced by couches, beds, carpets, cleaners, humidity, smoke, insects, pets, etc.
- In the environment with external air inflow such as near the door, window, or ventilation gate, etc., dust concentration may be measured as high.
- Even in the same space, due to the air circulation, dust concentration may be displayed differently from other products.
- Cleanliness display displays the fine dust comprehensively, so it may be different from fine dust, ultra fine dust, or super ultra fine dust concentration value.
- Fine dust / ultra fine dust concentration displayed on the product may be different from Ministry of Environment announcement, and it may be different from other measurement devices or other products' measurement standards.
- The displayed fine dust, ultra fine dust, and super ultra fine dust concentration value may be different from Ministry of Environment forecast.
- If products generating steam or fine particles (humidifiers, cooking apparatus, sprays, etc.) are used, fine dust concentration may change.
- You can check cleanliness only when the air conditioner is in operation state.
- Dust concentration display value may be different from the actual dust concentration, and it may display different cleanliness color from the actual dust concentration level.
- Dust concentration and overall cleanliness level displayed on the product may be different from Ministry of Environment announcements.
- Ministry of Environment uses weight method or beta ray absorption method to measure the dust concentration, but LG product measures the number of dusts and converts to mass concentration, so it may be different from the actual dust concentration.

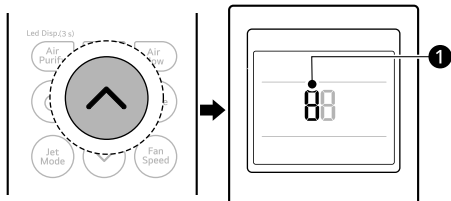
- The same standard as ultra fine dust is applied to super ultra fine dust's dust concentration level. (LG standard)
- Dust concentration evaluation is carried out with LG standard test dust.
- The shaking around the dust sensor may hinder the normal operation of the dust sensor, and the displayed concentration may be different from the actual dust concentration.
- You can use it only in overall cleanliness function applied models.

Air Quality Level Color Setting (On Some Models)

1 Press the **Jet Mode** and **Reset** button simultaneously.

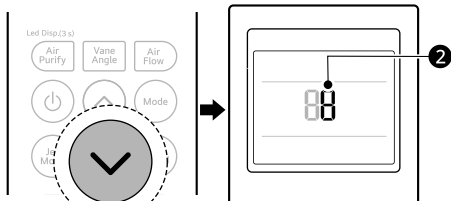


2 Press **^** button to set the function code ①.



① Function code

3 Press **✓** button to set the setting code ②.



② Setting code


- 4 Press the power **⏻** button toward the indoor unit 1 time.
- Each countries have different standards for indicating overall air quality. Please refer to table.

Value	Step	Overall Air Quality
Type 1 (1 beep)	4 steps (For korea)	Good, Moderate, Unhealthy, Poor
Type 2 (2 beep)	4 steps (For global)	Good, Moderate, Unhealthy, Poor
Type 3 (3 beep)	6 steps (For china)	Good, Moderate, Unhealthy, Poor, Very poor, Severe

5 Reset the wireless remote control to use the general operation mode.

SMART FUNCTIONS

LG ThinQ Application

This feature is only available on models with the  or **ThinQ** logo.

The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Features

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

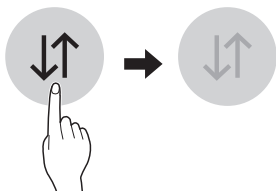
- **Smart Diagnosis™**
 - If you experience a problem while using the appliance, this **Smart Diagnosis™** feature will help you diagnose the problem.
- Settings
 - Allows you to set various options on the appliance and in the application.

NOTE

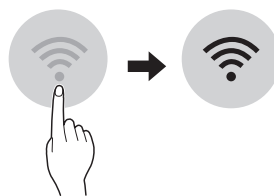
- If you change your wireless router, internet service provider, or password, delete the connected appliance from the **LG ThinQ** application and connect it again.
- The application is subject to change for appliance improvement purposes without notice to users.
- Functions may vary by model.

Before Using LG ThinQ Application

- 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 becomes weak. It may take a long time to register or fail to install the application.
- 2** Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3** Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that the Wi-Fi indicator on the control panel is lit.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the distance between the appliance and the wireless router is too far, the signal becomes weak. It may take a long time to connect or fail to install the application.
- 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 network connection may not work properly depending on the Internet service provider.
- The Wi-Fi may not connect or the connection may be interrupted because of the home network environment.
- If the appliance cannot be connected 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**, network setup may fail. Change the security protocols (**WPA2** is recommended) and connect the product again.

Installing LG ThinQ Application

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a smartphone. Follow instructions to download and install the application.

Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit <https://opensource.lge.com>.

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 to anyone in receipt of this information for a period of three years after our last shipment of this product.

FCC Notice

The following notice covers the transmitter module contained in this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

RF Radiation Exposure Statement



- This equipment must be installed and used at a minimum distance of 20 cm from the human body.

Wireless LAN Module Specifications

This appliance is equipped with only one of the following models.

Type	Frequency	Output Power (Max)
Wi-Fi	2 412 MHz - 2 462 MHz	< 30 dBm

Diagnosis Using LG ThinQ

This feature is only available on models with the  or  logo.

Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or application unavailability.
- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

Using LG ThinQ to Diagnose Issues


If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **LG ThinQ** application.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis™** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

MAINTENANCE

Cleaning

Cleaning Interval


WARNING

- Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.
- When you remove the air filter, do not touch the metal parts of the indoor unit. Doing so may cause an injury.

Cleaning the Filter

Type	Description	Interval
Air filter	Clean with a vacuum or hand wash.	2 weeks
Deodorization filter (on some models)	Dry for 3 hours in sunlight or under fluorescent light.	Every 6 months
PM1.0 filter (on some models)	Clean with a vacuum or hand wash.	Every 6 months

NOTE

- Never use water that is hotter than 104 °F (40 °C) when you clean the filters. Doing so may cause deformation or discoloration.
- Never use volatile substances when you clean the filters. Doing so may damage the surface of the appliance.

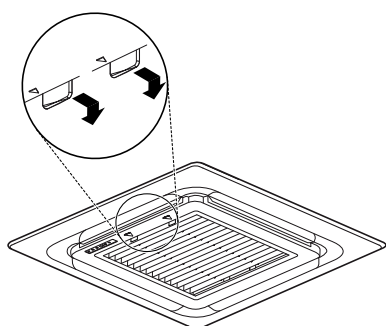
Cleaning the Air Filter

NOTE

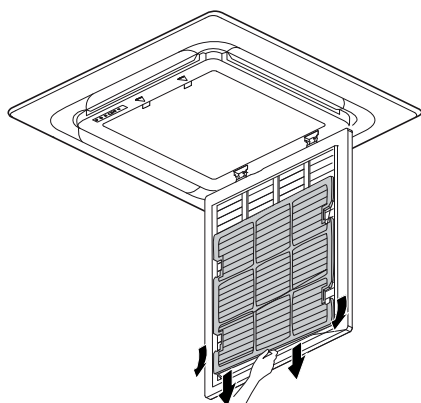
- Do not bend the air filter, as it may break.
- Assemble the air filter properly to prevent dust and other substances from entering the product.

Type 1

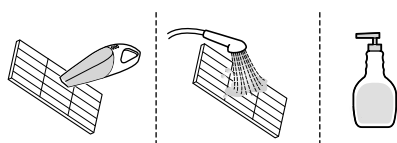
- 1 Turn off the power to the appliance.
- 2 Press the fixing hooks on both sides and open the front grille.



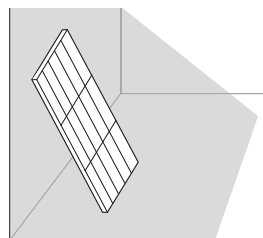
- 3 Remove the air filter.



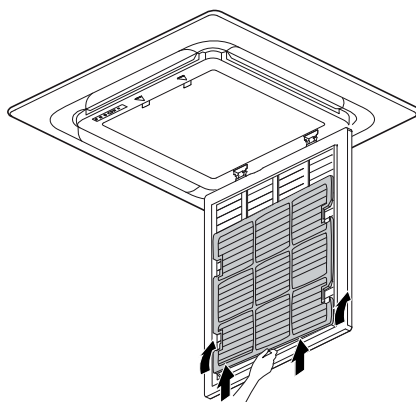
- 4 Clean the air filter with a vacuum cleaner or wash it with lukewarm water and a mild detergent.



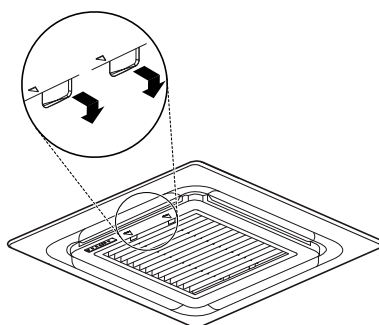
- 5 Dry the filter in the shade.



- 6 Insert the air filter.

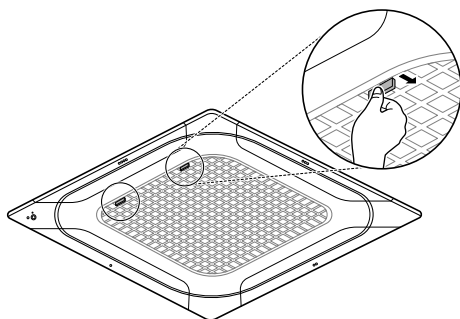


- 7 Press the fixing hooks on both sides and close the front grille.

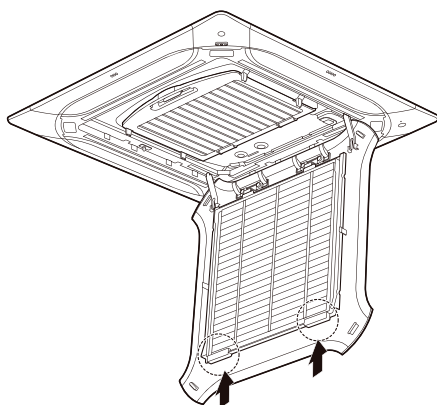


Type 2

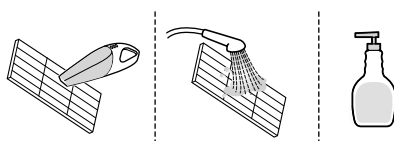
- 1 Turn off the power to the appliance.
- 2 Press the fixing hooks on both sides and open the front grille.



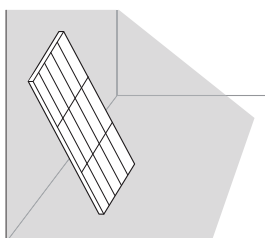
- 3** Press the fixing hooks simultaneously and remove the air filter.



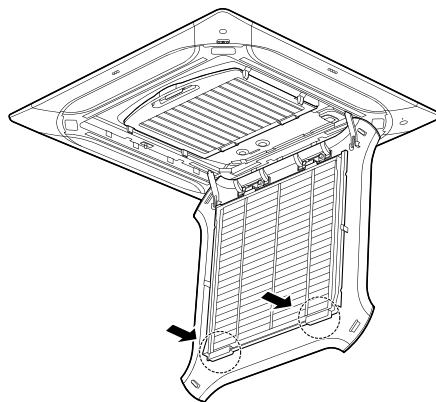
- 4** Clean the air filter with a vacuum cleaner or wash it with lukewarm water and a mild detergent.



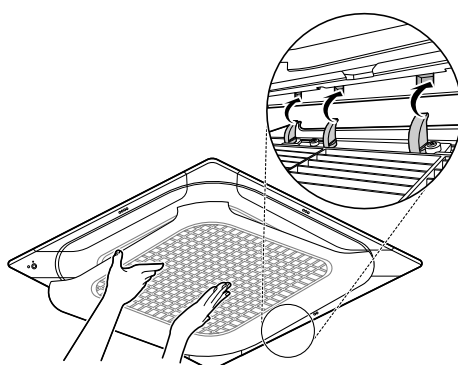
- 5** Dry the filter in the shade.



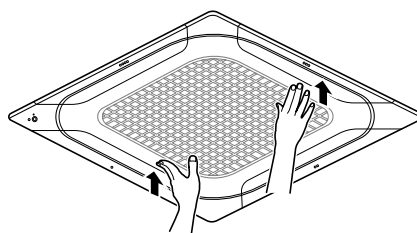
- 6** Insert the air filter by pressing the fixing hooks simultaneously.



- 7** Hook the end hook of the front grille onto the product, then close the fixing hook.



- 8** Press the center of the left and right sides once.



Cleaning the Deodorization Filter and PM1.0 Filter (On Some Models)

⚠ WARNING

- Turn off the main power switch for safety.

⚠ CAUTION

- Be careful that the filter case is correctly assembled to the filter holder.
- Be careful not to drop the front grille when removing the filter.

⚠ CAUTION

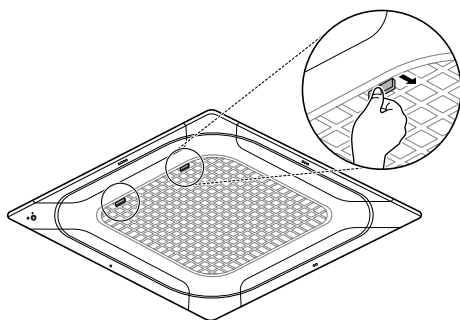
- Do not wash the photocatalytic Deodorization filter in water.
- After cleaning the PM1.0 filter, the buzzer sounds 7 times if the water is not completely dry. Dry the filter thoroughly.
- Drying the filter near a fire or in direct sunlight may cause damage to the filter.
- Wear gloves during installation.

NOTE

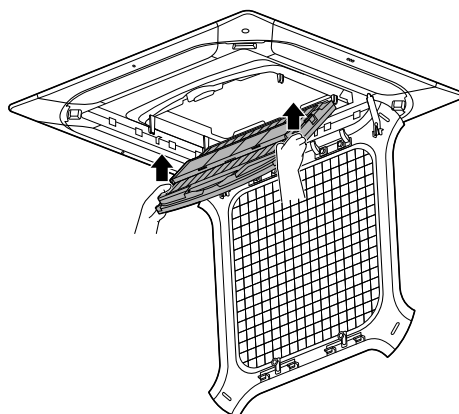
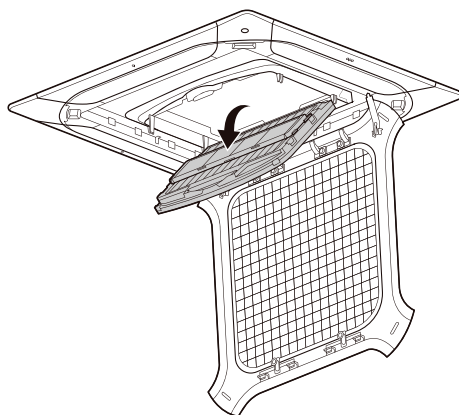
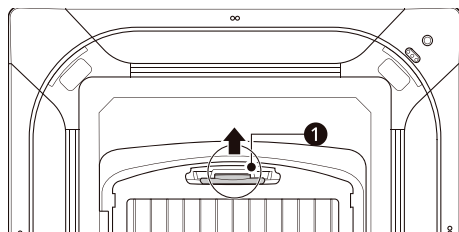
- The quantity and type of filters provided by each model may differ.
- The feature may be changed according to the type of model.

1 Turn off the power to the appliance.

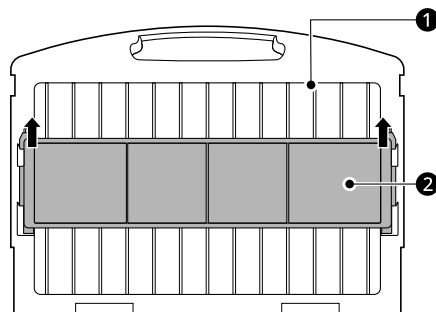
2 Press the fixing hooks on both sides and open the front grille.



3 Remove PM1.0 filter by pressing the fixing hook ①.



4 Remove the photocatalyst deodorization filter by pulling upward.



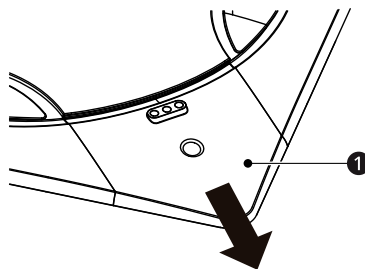
① PM1.0 filter

② Deodorization Filter

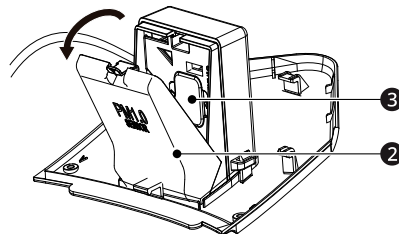
- 5 After assembling in reverse order, close the front grille.

Filter Information

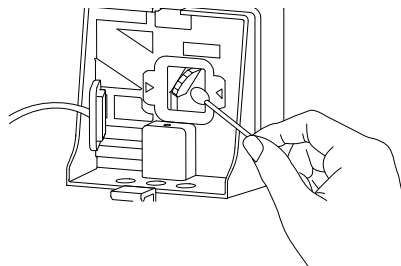
Filter Name	Filter Description
Deodorization filter	<ul style="list-style-type: none"> • Dry for 3 hours in sunlight or under fluorescent light. • Washing the filter with water could damage or deform it.
PM1.0 filter	<ul style="list-style-type: none"> • Clean the filter without disassembling it. • Submerge the PM1.0 filter in water, shaking it several times to clean it. • If the filter is very dirty, soak it for 30 minutes in lukewarm water with mild detergent and rinse thoroughly with clean water. (Do not use acidic detergents such as citric acid.) • Dry it thoroughly in the shade for about a day. (If there is any remaining moisture, the buzzer will sound 7 times.) Drying with a hot air heater, such as a hair dryer or a heater, could damage or deform the filter. • The inside of the filter is sharp, so do not rub or touch it directly.



- 2 After opening the PM1.0 sensor cover (2), remove the rubber cover (3).



- 3 Wipe off the dust adhering to the lens with a cotton swab slightly moistened with water. Then wipe again with a dry cotton swab to remove moisture.



Cleaning the PM1.0 Sensor

NOTE

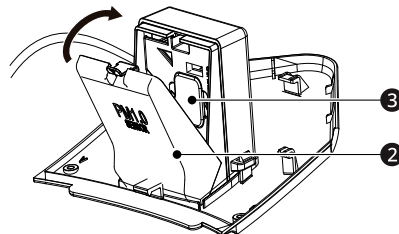
- This process is applicable only when the PM1.0 sensor is installed.

⚠ WARNING

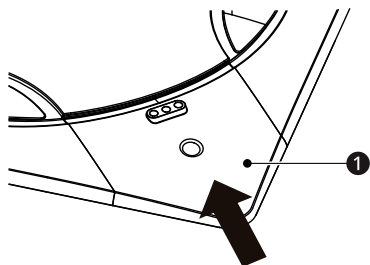
- Turn off the power to the appliance before work.

- 1 Remove the dust sensor corner cover (1) on the front panel.

- 4 After inserting the rubber cover (3), assemble the PM1.0 sensor cover (2).



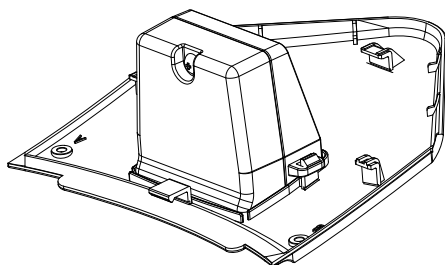
- 5 Assemble the dust sensor corner cover (1) on the front panel.



- 3 Check that the ground wire is connected correctly.
 - The ground wire may be connected to the side of the indoor unit.

NOTE

- The dust sensor shown below does not require cleaning.



Tips for Maintenance

Before Long Periods of Disuse

- 1 Operate the air conditioner in the **Fan mode** for 2 to 3 hours.
 - This will dry out the internal mechanisms.

- 2 Turn off the breaker.

⚠ CAUTION

- Turn off the breaker when the air conditioner is not going to be used for a long period of time.
-

After Long Periods of Disuse

- 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.

TROUBLESHOOTING

Before Calling for Service

Please check the following before you contact the service center. If the problem persists, contact your local service center.

NOTE

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

Self-Diagnosis Function

This appliance has a built-in **Self-Diagnosis** function. If an error occurs, the LED of the indoor unit will flash in 2-second intervals. If this occurs, contact your local dealer or service center.

Operation

Problem	Possible Cause & Solution
The appliance does not work normally.	Burning smell and strange sounds are coming from the appliance. <ul style="list-style-type: none"> • Turn off the appliance, switch off or disconnect the power supply, and contact the service center.
	Water leaks from the indoor unit even when the humidity level is low. <ul style="list-style-type: none"> • Turn off the appliance, switch off or disconnect the power supply, and contact the service center.
	The power cable is damaged or it is generating excessive heat. <ul style="list-style-type: none"> • Turn off the appliance, switch off or disconnect the power supply, and contact the service center.
	A switch, a circuit breaker (safety, ground) or a fuse is not operating properly. <ul style="list-style-type: none"> • Turn off the appliance, switch off or disconnect the power supply, and contact the service center.
	The appliance generates an error code from its self-diagnosis. <ul style="list-style-type: none"> • Turn off the appliance, switch off or disconnect the power supply, and contact the service center.
The fan speed cannot be adjusted.	The Jet mode or Auto Operation mode is selected. <ul style="list-style-type: none"> • In some operating modes, you cannot adjust the fan speed. Select an operating mode in which you can adjust the fan speed.
The temperature cannot be adjusted.	The Fan mode or Jet mode is selected. <ul style="list-style-type: none"> • In some operating modes, you cannot adjust the temperature. Select an operating mode in which you can adjust the temperature.
The appliance stops during operation.	The appliance is suddenly turned off. <ul style="list-style-type: none"> • The Off Timer function may have timed out, which turns the appliance off. Check the timer settings.
	A power failure has occurred during operation. <ul style="list-style-type: none"> • Wait for the power to come back on. If you have the Auto Restart function enabled, your appliance will resume its last operation several minutes after power is restored.
The appliance does not work.	A fuse exploded or the power supply is blocked. <ul style="list-style-type: none"> • Replace the fuse or check if the circuit breaker has tripped.

Problem	Possible Cause & Solution
The appliance does not work.	A power failure has occurred. <ul style="list-style-type: none"> • Turn off the appliance when a power failure occurs. • When the power is restored, wait 3 minutes, and then turn on the appliance.
	The voltage is too high or too low. <ul style="list-style-type: none"> • Check if the circuit breaker has tripped.
	The appliance was turned off automatically at a preset time. <ul style="list-style-type: none"> • Turn the appliance on.
	The battery orientation in the wireless remote control is incorrect. <ul style="list-style-type: none"> • Make sure that the batteries are inserted correctly in your wireless remote control. • If the batteries are placed correctly, but the appliance still does not operate, replace the batteries and try again.
The appliance does not emit cool air.	Air is not circulating properly. <ul style="list-style-type: none"> • Make sure that there are no curtains, blinds, or pieces of furniture blocking the front of the appliance.
	The air filter is dirty. <ul style="list-style-type: none"> • Clean the air filter once every 2 weeks. • See "Cleaning the Air Filter" for more information.
	The room temperature is too high. <ul style="list-style-type: none"> • In summer, cooling the indoor air fully may take some time. In this case, select the Jet mode to cool the indoor air quickly.
	Cold air is escaping from the room. <ul style="list-style-type: none"> • Make sure that no cold air is escaping through the ventilation points in the room.
	The desired temperature is higher than the current temperature. <ul style="list-style-type: none"> • Set the desired temperature to a level lower than the current temperature.
	There is a heating source nearby. <ul style="list-style-type: none"> • Avoid using heat generators like electric ovens or gas burners while the air conditioner is in operation.
	Fan mode is selected. <ul style="list-style-type: none"> • During Fan mode, air blows from the appliance without cooling or heating the indoor air. • Switch the operating mode to a cooling operation.
	Outside temperature is too high. <ul style="list-style-type: none"> • The cooling effect may not be sufficient.
The appliance does not emit warm air.	When the Heating mode starts, the vane is almost closed, and no air comes out, even though the outdoor unit is operating. <ul style="list-style-type: none"> • This is normal. Please wait until the appliance has generated enough warm air to blow through the indoor unit.
	The outdoor unit is in Defrosting mode. <ul style="list-style-type: none"> • In Heating mode, ice and frost is built up on the coils when the outside temperature falls. The Defrosting mode reduces a layer of frost on the coil, and it should finish in approximately 15 minutes.
	Outside temperature is too low. <ul style="list-style-type: none"> • The heating effect may not be sufficient.

Performance

Problem	Possible Cause & Solution
The indoor unit is still operating even when the appliance has been turned off.	The Auto Clean function is being operated. <ul style="list-style-type: none"> Allow the Auto Clean function to continue since it reduces any remaining moisture inside the indoor unit. If you do not want this function, you can turn the indoor unit off.
The air outlet on the indoor unit is discharging mist.	The cooled air from the appliance makes mist. <ul style="list-style-type: none"> When the room temperature decreases, this phenomenon will disappear.
Water leaks from the outdoor unit.	In the heating operations, condensed water drops from the heat exchanger. <ul style="list-style-type: none"> Install a drain hose under the base pan. Contact the installer.
There is noise or vibration.	A clicking sound can be heard when the appliance starts or stops due to movement of the reversing valve. Creaking sound: The plastic parts of the indoor unit creak when they shrink or expand due to sudden temperature changes. Flowing or blowing sound: This is the flow of refrigerant through the appliance. <ul style="list-style-type: none"> Noise is normal during or after operation. It is not a sign of malfunction.
The indoor unit gives off an odor.	Odors (such as cigarette smoke) may be absorbed into the indoor unit and discharged with airflow. <ul style="list-style-type: none"> If the smell does not disappear, you need to wash the filter. If this does not work, contact the service center to clean your heat exchanger.

Wi-Fi

Problem	Possible Cause & Solution
Trouble connecting appliance and smartphone to Wi-Fi network	The password for the Wi-Fi network was entered incorrectly. <ul style="list-style-type: none"> Delete your home Wi-Fi network and begin the connection process again.
	Mobile data for your smartphone is turned on. <ul style="list-style-type: none"> Turn off the Mobile data on your smartphone before connecting the appliance.
	The wireless network name (SSID) is set incorrectly. <ul style="list-style-type: none"> 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. <ul style="list-style-type: none"> 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 appliance and the router are too far apart. <ul style="list-style-type: none"> 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.

Problem	Possible Cause & Solution
Trouble connecting appliance and smartphone to Wi-Fi network	<p>During Wi-Fi setup, the application is requesting a password to connect to the product (on certain phones).</p> <ul style="list-style-type: none">• Locate the network name which starts with "LG" under Settings > Networks. Note the last part of the network name.<ul style="list-style-type: none">- If the network name looks like LGE_Appliance_XX-XX-XX, enter lge12345.- If the network name looks like LGE_Appliance_XXXX, enter XXXX twice as your password. For example, if the network name appears as LGE_Appliance_8b92, then you would enter 8b928b92 as your password. In this instance, the password is case sensitive and the last 4 characters are unique to your appliance.

LIMITED WARRANTY

USA

ARBITRATION NOTICE:

THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG ELECTRONICS ("LG") TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to "LG" mean LG Electronics U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to "dispute" or "claim" shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LG at LG Electronics, USA, Inc. Attn: Legal Department-Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days, either party may proceed to file a claim for arbitration.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after sending written notice to LG, you and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person's or entity's product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association ("AAA") and will be conducted before a single arbitrator under the AAA's Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the "AAA Rules") and under the procedures set forth in this section. The AAA Rules are available online at www.adr.org/consumer. Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department-Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for \$25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing <https://www.lg.com/us/support/repair-service/schedule-repair-continued> and clicking on "Find My Model & Serial Number").

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

CANADA

ARBITRATION NOTICE:

THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG ELECTRONICS ("LG") TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

PROCEDURE FOR RESOLVING DISPUTES:

EXCEPT WHERE PROHIBITED AT LAW, ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. EXCEPT WHERE PROHIBITED AT LAW, YOU AND LG BOTH IRREVOCABLY AGREE TO WAIVE THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to "LG" mean LG Electronics Canada, Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to "dispute" or "claim" shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LGECI Legal Team at 20 Norelco Drive, North York, Ontario, Canada M9L 2X6 (the "Notice of Dispute"). You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days of LG's receipt of the Notice of Dispute, the dispute shall be resolved by binding arbitration in accordance with the procedure set out herein. You and LG both agree that, during the arbitration proceeding, the terms (including any amount) of any settlement offer made by either you or LG will not be disclosed to the arbitrator until the arbitrator determines the dispute.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after LG's receipt of the Notice of Dispute, you and LG agree to resolve any claims between you and LG only by binding arbitration on an individual basis, unless you opt out as provided below, or you reside in a jurisdiction that prevents full application of this clause in the circumstances of the claims at issue (in which case if you are a consumer, this clause will only apply if you expressly agree to the arbitration). To the extent permitted by applicable law, any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person's or entity's product or claim. More specifically, without limitation of the foregoing, except to the extent such a prohibition is not permitted at law, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis except to the extent this prohibition is not permitted at law in your province or territory of jurisdiction as it relates to the claims at issue between you and LG.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be private and confidential, and conducted on a simplified and expedited basis before a single arbitrator chosen by the parties under the provincial or territorial commercial arbitration law and rules of the province or territory of your residence. You must also send a copy of your written demand to LG at LG Electronics, Canada, Inc., Attn: Legal Department- Arbitration, 20 Norelco Drive, North York, Ontario M9L 2X6. This arbitration provision is governed by your applicable provincial or territorial commercial arbitration legislation. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that, issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the province or territory of your purchase shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG attorn to the exclusive jurisdiction of the courts of the province or territory of your purchase for the resolution of the claim, action, dispute or controversy between you and LG.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the applicable arbitration rules. Except as otherwise provided for herein, LG will pay all filing, administration and arbitrator fees for any arbitration initiated in accordance with the applicable arbitration rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the applicable laws), then the payment of all arbitration fees will be governed by the applicable arbitration rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the applicable arbitration rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for \$25,000 or less, you may choose to have the arbitration conducted solely (1) on the basis of documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the applicable arbitration rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the applicable arbitration rules. Any in-person arbitration hearings will be held at the nearest, most mutually-convenient arbitration location available within the province or territory in which you reside unless you and LG both agree to another location or agree to a telephonic arbitration.

Severability and Waiver. If any portion of this Limited Warranty (including these arbitration procedures) is unenforceable, the remaining provisions will continue in full force and effect to the maximum extent permitted by applicable law. Should LG fail to enforce strict performance of any provision of this Limited Warranty (including these arbitration procedures), it does not mean that LG intends to waive or has waived any provision or part of this Limited Warranty.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out;" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing https://www.lg.com/ca_en/support/repair-service/schedule-repair and clicking on "Find My Model & Serial Number").

In the event that you "Opt Out", the law of the province or territory of your residence shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG agree to attorn to the exclusive jurisdiction of the courts of the province or territory of your residence for the resolution of the claim, action, dispute or controversy between you and LG.

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

Conflict of Terms. In the event of a conflict or inconsistency between the terms of this Limited Warranty and the End User License Agreement ("EULA") in regards to dispute resolution, the terms of this Limited Warranty shall control and govern the rights and obligations of the parties and shall take precedence over the EULA.



US	Please call the installing contractor of your product, as warranty service will be provided by them.
CANADA	Service Call Number: (888) LG Canada, (888) 542-2623 Numéro pour les appels de service : LG Canada, 1-888-542-2623