LG
Life's Good

REFRIGERANT **R32**

Read this owner's manual throughly before operating the appliance and keep it handy for reference at all times.
804106376

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 a service center.
- Contact the installer for installation of this unit.
- 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.
- If the cord/plug is damaged, have it replaced by an authorized service person using authorized replacement parts.
- 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 a service 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.
- The air conditioner is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- 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 a service center.
- 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.
- To clean the interior, contact a service center. Using harsh detergents may cause corrosion or damage to the unit.
- 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. However, if you wish to use an adapter, use UL-listed adapter, available from most local hardware stores. The large slot in the adapter must be aligned with the large slot in the receptacle to assure a proper polarity connection.
- 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 ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn. Be aware that flammable refrigerants may not contain an odor.

⚠ CAUTION

- This unit contains flammable refrigerant and has special safety precautions not normally associated with older units. Please follow all precautions and advisories.
  - Use caution while handling and prevent damage to unit. Do not put any holes into product for any reason. This can cause damage to product and prevent unit from cooling.
  - Maintenance and cleaning of unit should be performed by trained personnel. Failure to properly clean unit can result in damage to the refrigeration system and or the electrical system.
  - Make certain that all the air circulation/ventilation openings are free from obstruction.
  - Service should only be performed by technicians properly trained and certified in the use of flammable refrigerants. Any service performed by unauthorized servicers/individuals will void all warranties.
  - When storing the appliance, do not put in a room with any open flame appliances, such as gas water heaters or furnaces. Also keep away from electric heaters. Damaged units should be repaired before storage.

SAVE THESE INSTRUCTIONS

PRODUCT OVERVIEW
Key Parts and Components

1 AIR DISCHARGE
The adjustable louvered air discharge opens automatically when the air conditioner is turned on, and closes when it is turned off. It can also be set to oscillate to distribute air more evenly through the room.

2 CONTROL PANEL AND DISPLAY
Easy-to-read digital display shows the set temperature, and indicator lights show the operating mode. Simple push buttons make changing settings quick and easy.

3 SWIVELING CASTERS
Swiveling casters allow you to move the air conditioner easily on most floor surfaces.

4 INTEGRATED HANDLES
Integrated handles provide a convenient grip when lifting the air conditioner.

5 REMOTE CONTROLLER
The remote controller allows you to adjust the temperature and operate most functions of the air conditioner from across the room.

6 BOTTOM DRAIN PORT
Before moving the air conditioner, drain the internal water in the collection tank completely using the bottom drain port.

7 AIR FILTER

8 HOSE AND DIFFUSER
Use the diffuser and hose to connect the air conditioner to the window installation kit to vent exhaust air outside.

INSTALLATION

Electrical Data
Power cord may include a current interrupter device. **TEST** and **RESET** buttons are provided on the plug case. The device should be tested on a periodic basis by first pressing the **TEST** button and then the **RESET** button. If the **TEST** button does not trip or if the **RESET** button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

for 120 V

Use Wall Receptacle	Power Supply
Standard 120V , 3-wire grounding receptacle rated 15A / 120 VAC / 60 Hz	Use 15A, time-delay fuse or 15A circuit breaker.

⚠ WARNING
- This appliance should be installed in accordance with the National Electrical Code.
- Use of extension cords could cause serious injury or death.
  - Do not use an extension cord with this portable air conditioner.
  - Do not use surge protectors or multi-outlet adapters with this portable air conditioner.
- Never push the TEST button during operation. Doing so can damage the plug.
  - Do not remove, modify, or immerse this plug. If this device trips, the cause should be corrected before further use.

⚠ CAUTION
- The conductors inside this cord are surrounded by shields, which monitor leakage current. These shields are not grounded. Periodically examine the cord for any damage. Do not use this product in the event the shields become exposed. Avoid shock hazard. This unit cannot be user-serviced. Do not open the tamper-resistant sealed portion. All warranties and performance will be voided. This unit is not intended to be used as an ON/OFF switch.

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.
(Batteries Not Supplied)

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

PREPARING FOR INSTALLATION
Contents of Installation Kit

Flexible venting hose
A 23" window vent panel
B 16" extension panel
C 23" extension panel
D Adhesive long foam weather seals
E Non-adhesive long foam seal
F Security brackets
G Type J screws
H Type K screws
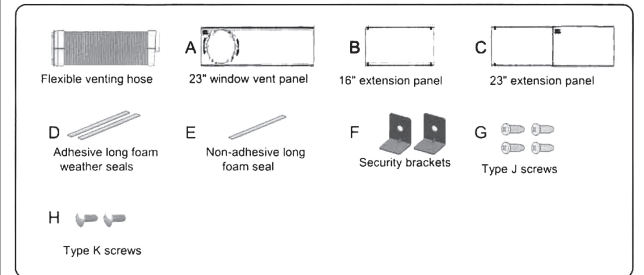
Tools and Materials Needed (Not Supplied)
"No residue" duct tape
Phillips screwdriver
Utility knife

Accessory type and quantity may vary depending on the model.

SELECTION OF INSTALLATION LOCATION

1 Place the unit on a level floor.
2 For best performance, allow at least 8" of air space on all sides of the unit for good air circulation.
3 Place the unit near a window. The hose and diffuser will be used to connect the air conditioner to the window installation kit to vent exhaust air outside.

NOTE
After installation, the Hose length is approximately 35.5" or less for best performance.

WINDOW VENT PANEL AND EXTENSIONS
The window installation kit allows you to install the air conditioner in most vertical-sliding windows 23" to 60" wide, or horizontal-sliding windows from 23" to 60" high.

Window open	A	B	C	Fig.
23"	√			a
24"~38"	√	√		b
39"~45"	√		√	c
46"~60"	√	√	√	d

1. For window openings shorter than 23", trim panel A to fit the opening.
2. For longer window openings, assemble and adjust the panels to fit the window opening. Use Mounting plate screws (included) to fix the panels together at the proper length.
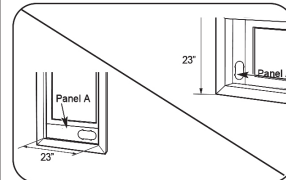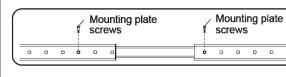
Mounting plate screws
Mounting plate screws

Window Installation Kit (Includes 1 Window Vent Panel and 2 Extension Panels)
1 Window Vent Panel
2 Extension Panels
Panel A / Panel B / Panel C

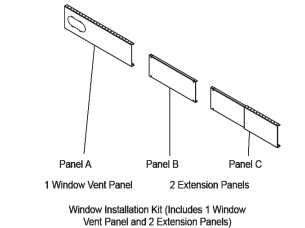For an 23" window opening, use the window vent panel (Panel A) by itself.
Fig. a

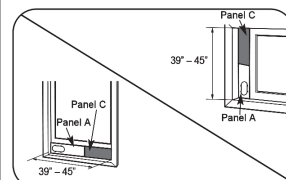For window openings from 24" to 38", use the window vent panel (Panel A) and an extension panel (Panel B). **Fig. b**

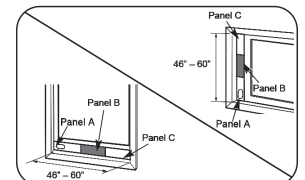For window openings from 39" to 45", use the window vent panel (Panel A) and an extension panel (Panel C). **Fig. c**

For window openings from 46" to 60", use the window vent panel (Panel A) and two extension panels (Panel B and Panel C). **Fig. d**

INSTALLATION
1 Hard Foam Shims (For Some Installations)
To determine whether you need to install the hard foam shims, place the panel assembly in the bottom sash channel and slide it until it sits tightly against the exterior side of the channel. Close the sash until it holds the panel assembly in place. Align the vent hose with the panel opening. If the inside window frame interferes with the proper alignment of the vent hose, follow the instructions below to install the hard foam shims. Otherwise, continue to step 3.
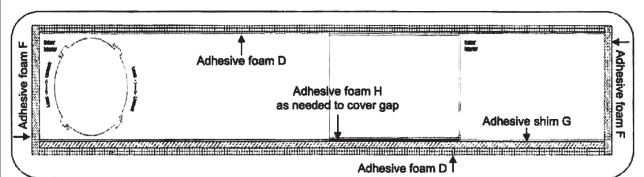
Outdoor / Panel / Indoor / Window frame
Interference
No interference
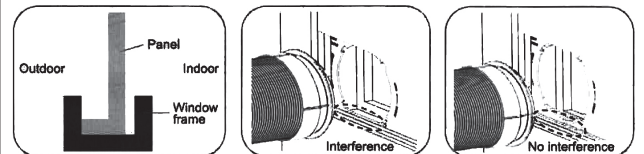
To install hard foam shims: If any extension panels are used, attach foam seal(s) H to the bottom side of extension panel B or C to minimize gaps. Then attach the hard-foam shim(s) G along the bottom side of the window panel assembly to allow the vent hose to clear the window frame. (See image in step 3.)

2 Attaching Foam Weather Seals
Attach the foam weather seals D to the top and bottom sides of the panel assembly. Attach the short foam weather seals F to the right and left sides of the panel assembly.
(Attaching the foam weather seals to the panel assembly rather than the window sash and frame makes for easier cleanup when removing the panel assembly.)
• **NOTE:** Take care not to block drain holes in the exterior sill. If necessary, cut slots in the foam seal to allow any moisture to drain out the window sill drains.

Adhesive foam F
Adhesive foam D
Adhesive foam H as needed to cover gap
Adhesive shim G
Adhesive foam F
Adhesive foam D

3 Inserting Panel Assembly
Insert the panel assembly in the bottom sash channel as in step 2. Use care when installing the assembly, which will now fit very tightly in the opening. Close the sash tightly against the top of the panel assembly. For a tighter seal, use "no residue" duct tape (not included) to seal any gaps around the installed panel assembly.
• If needed, install the included security bracket with a type K screw.

Panel A
Extension panel
Security bracket
Type K screw
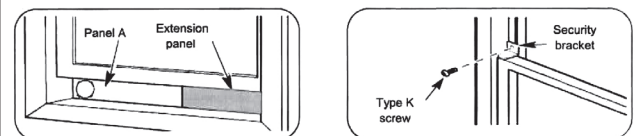
4 Sealing Gap between Sashes
Measure and cut the included non-adhesive foam E to fit the window opening. Stuff it between the window sashes to prevent air and insects from getting into the room.
Tip. For a tighter seal, use "no residue" duct tape to seal the gap between the sashes.

5 Connecting Vent Hose

Align the tabs on the diffuser end of the vent hose to the slots in the panel assembly opening. Insert the diffuser and rotate it to lock it in place.

• If disconnected, reconnect the other end of the vent hose to the product by inserting the vent hose into the product with the mounting ring facing out. If the hose doesn't snap into place, rotate it slightly so the 2 lines at the front align.
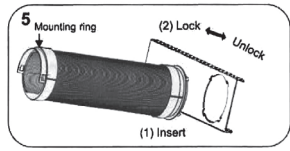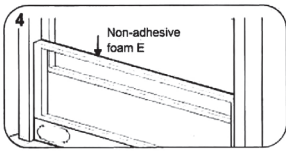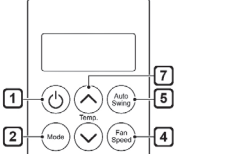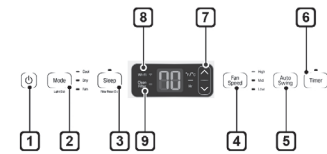

6 Positioning Vent Hose

For best results, keep the vent hose as short and straight as possible. However, shape the diffuser end of the vent hose into an inverted U shape just inside the window to allow any rain or condensation to drain out the window.

Best positioning   Inverted U shape
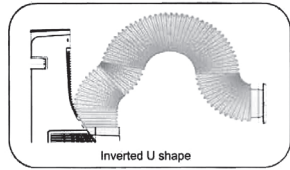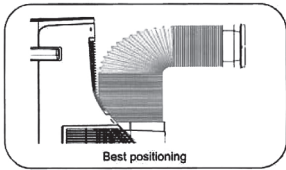
OPERATION

Control Panel and Remote Control

Remote Control

The image shown here is for illustrative purposes only and may be subject to change.

The remote control vary depend of model: The buttons on remote control may have a different name or location than the remote control shows in this manual.

1 Power ( )
Press to turn the air conditioner ON or OFF.

2 Operation Mode
Press the **Mode** button to cycle between 3 types of air conditioner operation: **Cool** / **Fan** / **Dry**.

Cool - This mode is ideal on hot days to cool and dehumidify the room quickly. Use the ∧ / ∨ 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, Mid 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.

NOTE
To set the brightness on the control panel, press **Mode** button on the control panel for 3 seconds.
Brightness : 100% → 50% → Off
          3s   3s

3 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 12 hours. In this mode, the control panel turns off.

• In the Sleep Mode, the setting temperature increases by 2 °F after 30 minutes and additional 2 °F after another 30 minutes for a more comfortable sleep.
• The setting temperature increases up to 4 °F from the preset temperature.

NOTE
Press **Sleep** button of remote controller for 5 seconds, the temperature display can be switched between degrees Fahrenheit (°F) and degrees Celsius (°C).

4 Fan Speed
Press to set the fan speed to Low (F1), Mid (F2), or High (F3).

5 Auto Swing
This function adjusts the direction of the air flow vertically. Press **Auto Swing** button repeatedly and select the desired direction.

6 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 of the Delay OFF Timer the display returns to the temperature setting.

7 Temperature Control
To adjust the desired room temperature in Cool or Dry mode. The desired room temperature can be set between 60°F-86°F (16 °C–30 °C). Press ∧ or ∨ arrows to increase or decrease temperature setting.

NOTE
Press ∧ and ∨ button together on the control panel for 3 seconds, the temperature display can be switched between degrees Fahrenheit (°F) and degrees Celsius (°C).

8 Wi-Fi
Enables connection of the air conditioner to the home Wi-Fi.
To connect Wi-Fi, press the **Fan Speed** button on the control panel for 3 seconds.

9 Clean Filter
The Clean Filter LED lights up to notify you that the filter needs to be cleaned. After cleaning the filter, press **Sleep** button on the control panel for 3 seconds 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.

10 Clear
Cancel Sleep and Timer settings.

NOTE
Press the **Clear** button on remote controller for 5 seconds, the Smart Diagnosis function works.

NOTE
Auto Restart: In case of turning off the air conditioner due to power failure, your unit will resume its last operation several minutes after power is restored.

Removing Condensation Buildup

Condensation can build up inside the unit when the **Cool** and **Dry** modes are used. The fan can be set to run for a short period after the product is turned off to help keep the inside of the appliance dry. This option is off by default.

Turning Condensation Fan On

1 Turn on the product, set it to **Cool** mode and let it run for at least 10 seconds.
2 Press and hold the **Auto Swing** button for 3 seconds until **On** appears in the display.
3 The condensation fan is now turned on. When the appliance is turned off, **Co** appears in the display and the fan will continue to run for 10 minutes. The appliance will then shut down as normal.

Turning Condensation Fan On

1 Turn on the product, set it to **Cool** mode and let it run for at least 10 seconds.
2 Press and hold the **Auto Swing** button for 3 seconds until **On** appears in the display.
3 The condensation fan is now turned on. When the appliance is turned off, **Co** appears in the display and the fan will continue to run for 10 minutes. The appliance will then shut down as normal.

Turning Condensation Fan Off

1 When the product is powered ON, press and hold the **Auto Swing** button for 3 seconds until **OF** appears in the display.
2 The condensation fan is now turned off. The appliance will shut down immediately when it is turned off.

NOTE
• Some functions cannot be used while this option is turned on.
• This option must be set using the control panel, not the remote control.

SMART FUNCTIONS

LG ThinQ Application

Things to check before using LG ThinQ

• For appliances with the , or ThinQ 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.**
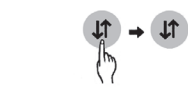
3 Connect your smartphone to the wireless router.

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 ThinQ 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 ThinQ

Search for the LG ThinQ 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 , or ThinQ logo.
Communicate with the appliance from a smart phone using the convenient smart features.

Smart Diagnosis™

If you use the Smart Diagnosis function, you will be provided with the useful information such as a correct way of using the appliance based on the pattern of use.

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 ThinQ application and register it again.
• The application is subject to change for appliance improvement purposes without notice to users.
• Functions may vary by model.

MAINTENANCE

⚠ WARNING

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

Emptying the Water Collection Tank

When the internal water collection tank is full, the LED display will show FL and the air conditioner will turn off until the tank is emptied.

1 Pull out each air filter by the handle.
2 Use a vacuum cleaner to clean the filter. If the filters are heavily soiled, they can be washed in warm water using a mild detergent.
3 Dry the filter in the shade.
4 Reinsert the filters.

• Unplug the air conditioner, disconnect the exhaust hose from the back, and move the air conditioner to a suitable drain location or outdoors. You may also place a pan under the drain that will hold up to 2 pints of water.
• Remove the drain cap from the drain outlet.
• Once the water collection tank is drained, reinstall the drain cap, making sure it is on securely.
• Place the air conditioner in the desired location, reconnect the exhaust hose, and plug in the air conditioner.

NOTE
If you want to disconnect the hose from the product, grasp the mounting bracket on the hose, turn it clockwise or counterclockwise, and then disconnect it easily.

Cleaning the Case

Wipe the case with a slightly damp cloth, then wipe dry with a dry cloth or towel.
• To prevent damage to the finish, do not use gasoline, benzene, thinner, etc., or any abrasive cleansers to clean the air conditioner; they may damage the finish.
• Never pour water onto or into the air conditioner. It could damage internal components and create a shock and fire hazard.

Smart Diagnosis™ Using a Smart Phone

• For appliances with the or logo
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™.

NOTE
• Be sure to keep ambient noise to a minimum or the phone may not correctly receive the buzzer beeps from the indoor unit.

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.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

FCC Notice (For 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 to 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 of the device.

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.

### Wireless LAN Module Specifications

Model	LCW-003
Frequency Range	2412 to 2462 MHz
Output Power (Max)	< 30 dBm

Cleaning the Air Filter

The air filters should be cleaned every two weeks; depending on indoor air quality, more frequent cleaning may be needed. A dirty air filter will decrease airflow and reduce efficiency.

1. Pull out each air filter by the handle.
2. Use a vacuum cleaner to clean the filter. If the filters are heavily soiled, they can be washed in warm water using a mild detergent.
   • Do not use harsh cleaners or very hot water.
   • Do not wash in a dishwasher.
3. Dry the filter in the shade.
4. Reinsert the filters.

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
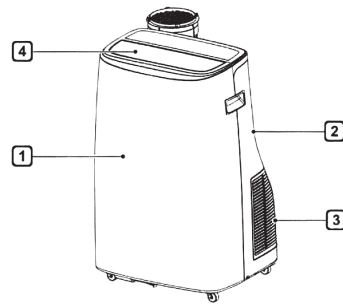
1 High-pitched Sound
High efficient inverter compressor may occur high-pitched sound during operation.

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 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.
	The current interrupter device is tripped.	Press the **RESET** button located on the power cord plug. If the **RESET** button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.
	FL appears in the display.	The water collection tank is full. Drain the tank and reset your settings.
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' 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 mode control at **High Fan** or **High Cool**.
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, adjust the fan speed low.
Remote sensing deactivating prematurely.	Remote control not located within range.	Place remote control within 20 feet & 120° radius of the front of the unit.
	Remote control signal obstructed.	Remove obstruction.
Room too cold.	Set temperature too low.	Increase set temperature.
Can't connect the LG ThinQ 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.

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.

NOTE
• If you see "CH" in the display, please contact a service center.