LG
Life's Good

ENGLISH

OWNER'S MANUAL

ROOM AIR CONDITIONER

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

TYPE : WALL MOUNTED

MFL39754874
Rev.05_081216

www.lg.com

ENGLISH

TABLE OF CONTENTS

3 TIPS FOR SAVING ENERGY

3 IMPORTANT SAFETY INSTRUCTION

8 BEFORE USE

– Prior to operation.....8
– Components.....8
– Electrical Safety.....9
– Using the remote control 9
➢ Inserting Batteries 9
➢ Wireless Remote Control 10

11 BASIC FUNCTIONS

Cooling your room 11
Heating your room 11
Removing humidity.....11
Airing your room.....12
Adjusting the fan speed.....12
Using air flow direction function.....12
Setting the timer 12
– Setting the current time.....12
– Turning ON the air conditioner automatically at a set time.....13
– Turning OFF the air conditioner automatically at a set time.....13
– Canceling the timer setting 13
- Setting sleep mode 13

14 ADVANCED FUNCTIONS

Changing room temperature quickly.....14
– H'COOL(Himalaya) Mode 14
Indoor air purification.....14
– Auto Clean operation.....14
Energy saving cooling mode.....14
Auto operation (Cooling-only models).....15
Display screen brightness.....15
Auto changeover operation (Cooling & Heating model).....15
Mosquito away operation (Optional).....15
Operating the air conditioner without the remote control.....16
Restarting the air conditioner automatically ..16

17 MAINTENANCE

Cleaning the air filter.....18
Cleaning the anti-allergy filter (Optional).....18
Cleaning the plasma filter (Optional).....18
Cleaning the 3M filter (Optional) 19
Outdoor Unit 19

20 TROUBLESHOOTING

– Self-diagnosis function.....20
– Before requesting service.....20

23 DISCLAIMER

⚠ CAUTION

- Contact the authorized service technician for repair or maintenance of this unit.
- Please install your airconditioner by company authorized service franchisee / authorized service and sales dealer.
- 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.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only, using only genuine replacement parts.

We recommend usage of voltage stabilizer with high / low voltage cut off in areas having voltage fluctuations.

AC TONNAGE (CAPACITY)	STABILIZER kVA (3-STEP STABILIZER)
1.0 (12k)	3
1.5 (17k, 18k)	4
2.0 (22k, 24k)	5

TIPS FOR SAVING ENERGY

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

- Avoid excessive cooling. This may be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, in a short period of time.
- Open windows regularly for ventilation as the indoor air quality may deteriorate if the air conditioner is used for many hours.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or reduce the cooling / dehumidification functions.
  (Refer page No. 18 and 19 details of owner's manual).

For your records

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

Model number :

Serial number :

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

Dealer's name :

Date of purchase :

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

Always comply with the following precautions to avoid dangerous situations and ensure peak performance of your product.

⚠ WARNING

It can result in serious injury or death when the directions are ignored.

⚠ CAUTION

It can result in minor injury or product damage when the directions are ignored.

⚠ WARNING

- Installation or repairs made by unqualified persons can result in hazards to you and others.
- Appliances shall be installed in accordance with national wiring regulations.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The information contained in the manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.
- Failure to carefully read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.

Power

- Unplug the power plug immediately in the event of a blackout or thunderstorm. Failure to do so may result in fire or electric shock.
- Always use a power plug and socket with a ground terminal. Failure to do so may result in electric shock or product failure.

- Install a dedicated electric outlet and circuit breaker before you use the air conditioner. Failure to do so may result in electric shock or product failure.
- Do not connect the ground wire to a gas pipe, a lightning rod or a telephone ground wire. It may result in electric shock or product failure.
- Use a standard circuit breaker and fuse conforming with the rating of the air conditioner. Failure to do so may result in electric shock or product failure.
- Make sure to check that the power cable plug is not dirty, loose or broken and then only insert the plug completely. It may result in electric shock or product failure.
- Do not modify or extend the power cable. If the power cable or cord has scratches or skin peeled off or deteriorated then it must be replaced. It may result in fire or electric shock.
- Do not touch, operate or repair the air conditioner with wet hands. It may result in electric shock or product failure.
- Make sure that the power plug is not damaged when you move the air conditioner. Failure to do so may result in electric shock or product failure.
- Do not place a heater or other heating appliances near the power cable. It may result in fire, electric shock or product failure.
- Make sure that the power cord is not pulled or damaged while the air conditioner is operating. Failure to do so may result in fire, electric shock or product failure.
- Do not place any objects on the power cord. It may result in electric shock or product failure.

Installation

- Do not install the air conditioner on an unstable surface or where there may be a danger of unit falling. It may result in death, serious injury or product failure.
- Contact an authorized service center when you install or relocate the air conditioner. Failure to do so may result in serious injury or product failure.
- Indoor/outdoor wiring connections must be secured tightly and the cable should be routed properly so that there is no force pulling the cable from the connection terminals. Improper or loose connections can cause heat generation or fire.
- Install the panel and the cover of the control box safely. Failure to do so may result in explosion or fire.
- Do not install the air conditioner near a place with a danger of explosion or fire. It may result in explosion or fire.
- Make sure that the pipe and the power cable that connect the indoor unit and the outdoor unit are not pulled tight when you install the air conditioner. Failure to do so may result in electric shock or product failure.
- Do not mix air or any gas in the system except for the specific refrigerant. If air enters the refrigerant system, it may result in an excessively high pressure that causes injury or damage to the equipment.
- Be cautious when you unpack or install the air conditioner. Failure to do so may result in serious injury or product failure.

Operation

- Be sure to use only those parts which are listed in the service parts list. Never attempt to modify the equipment. It may result in death, serious injury, effect on product performance or product failure.
- Do not pull the power cord when you remove the power plug. It may result in death or electric shock.
- Discard the batteries where there is no danger of fire. Failure to do so may result in explosion or fire.
- Contact an authorized service center when the air conditioner is submerged into water due to flooding. Failure to do so may result in explosion or fire.
- Only use components that are approved by the manufacturer and do not repair or modify them. Failure to do so may result in electric shock, effect on product performance or product failure.

- Only use the refrigerant specified on the air conditioner label. Failure to do so may result in explosion or fire.
- Do not allow water to enter into the air conditioner. It may result in explosion or fire.
- Do not leave flammable substances such as gasoline, benzene and thinner near the air conditioner. It may result in explosion or fire.
- Do not let the air conditioner run for a long time when the humidity is very high or when a door or window has been left open or in small place without ventilation. Failure to do so may result in product failure or result in explosion or fire.
- Do not touch the electrostatic filter after opening the front grille. Failure to do so may result in electric shock or product failure.
- Unplug the power plug if there is a noise, smell or smoke coming from the air conditioner. Failure to do so may result in explosion or fire.
- Make sure to ventilate sufficiently when this air conditioner and a heating appliance such as a heater are used simultaneously. Failure to do so may result in fire, serious injury or product failure.
- Make sure that children do not climb up the outdoor unit or impact it. Failure to do so may result in death or product failure.
- Do not turn ON or OFF the air conditioner by plugging in or unplugging the power plug. It may result in fire or electric shock.
- When there is a gas leak, ventilate sufficiently before using the air conditioner again. Failure to do so may result in explosion or fire.
- Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system. There is risk of damage or loss of property.
- Do not block the inlet or outlet of air flow. It may effect product performance.
- Do not insert hands or other objects through the air inlet or outlet while the air conditioner is operating. It may result in electric shock or serious injury.
- Do not expose people, animals or plants to the cold or hot wind from the air conditioner. It may result in serious injury or health complications.
- Do not drink the water drained from the air conditioner. It may result in serious health complications.
- For inner cleaning, contact an Authorized Service Center or a dealer.
- Do not use harsh detergent that causes corrosion or damage on the unit. Harsh detergent may also cause failure of product fire, or electric shock.
- Use non-inflammable gas (nitrogen) to check for leak and to purge air using compressed air or flammable gas may cause fire or explosion.
- Stop operating and close the window in storm or hurricane. If possible remove the product from the window before hurricane arrives.
- Unplug the power plug when the air conditioner is not used for an extended period of time. Failure to do so may result in product failure.
- This appliances 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.

Maintenance

- Turn the main power off and unplug the power plug when you clean or repair the air conditioner. Failure to do so may result in death, serious injury or product failure.

⚠ CAUTION

Installation

- Do not install the air conditioner where there is direct sunlight. It may effect product performance.
- Safely dispose of packing materials such as screws, nails or batteries in a packing bag after installation or repair. It may result in serious injury.
- Do not install the air conditioner where it will be exposed to sea wind (salt spray) directly. It may result in product failure.

- Install the drain hose properly for smooth drainage of condensed water. Failure to do so may result in water leakage or product failure.
- Install the air conditioner where the noise from the outdoor unit or the exhaust gas will not cause inconvenience to neighbours. Failure to do so may result in conflict between neighbours.
- Do not touch the refrigerant leakage during installation or repair. It may result in product failure.
- When transporting the equipment, there should be at least 2 or more people or a forklift, Failure to do so may result in serious injury.
- Keep level even when installing the product.

Operation

- Remove the batteries when the remote control is not in use for an extended period of time. Failure to do so may result in product failure.
- Make sure that the filter is installed before you operate the air conditioner. Failure to do so may effect product performance.
- Follow the standards of the corresponding region or country for handling the refrigerant and the air conditioner and for disassembling the air conditioner. Failure to do so may result in product failure.
- Do not mix the batteries for the remote control with other types of batteries or mix new batteries with used batteries. Failure to do so may result in remote failure.
- Do not recharge or dissemble the batteries.It may result in explosion, fire or serious injury.
- Stop using the remote control if there is a battery fluid leak. If your cloth or skin is exposed to the battery fluid from a leak, wash it off with clean water. Failure to do so may result in serious injury.
- If you swallow the battery fluid from a leak, wash out the inside of your mouth thoroughly and then consult a doctor. Failure to do so may result in serious health complications.
- Do not let the air conditioner run for long time when the humidity is very high or when a door or window has been left open. Failure to do so may effect product performance or result in product failure.

Maintenance

- Do not use strong cleaning agents or solvents when you clean the air conditioner or spray water. Use a smooth cloth. It may result in serious injury or product failure.
- Never touch the metal parts of the air conditioner when you remove the air filter. It may result in electric shock or serious injury.
- Use a sturdy stool or ladder when you clean, maintain or repair the air conditioner at a height. Failure to do so may result in serious injury.

Disposal of your old appliance (as per e-waste Rules)



1. When this crossed out wheeled bin symbol is depicted on the product and its operator's manual, it means the product is covered by the e-waste Management and Handling Rules , 2011 and are meant to be recycled, dismantled, refurbished or disposed off.
2. **Dos**
   a. The product is required to be handed over only to the authorized recycle for disposal.
   b. Keep the product in isolated area, after it becomes non-functional/ un-repairable so as to prevent its accidental breakage.

Don't

a. The product should not be opened by the user himself/herself, but only by authorized service personnel.
b. The product is not meant for re-sale to any unauthorized agencies/scrap dealer/ kabariwalah.
c. The product is not meant for mixing into household waste stream.
d. Do not keep any replaced spare part(s) from the product in exposed area.

3. Any disposal through unauthorized agencies/person will attract action under Environment (Protection) Act 1986 .
4. Hazards of improper handling or accidental breakage
   a. If batteries are disposed incorrectly, it can greatly harm the environment. The chemical by-products are hazardous. The metals and chemicals found in batteries can mix into soil which may be hazardous to humans, plants and animals. If thrown in fire, they can cause blast and release toxic gases which may be harmful for health.
   b. The refrigerant (R410A) used can be combustible at low pressure. The potential health effects of over exposure is dizziness, headache and heart irregularities.
5. "This product is complied with the requirement of Hazardous Substances as specified under Rule 13 (1) & (2) of the E-Waste (Management & Handling) Rules, 2011".
6. To locate a nearest collection centre or call for pick-up (limited area only) for disposal of this appliance, please contact Toll Free No. **1800-315-9999 / 1800-180-9999** for details. All collection centre and pick up facilities are done by third parties with **LG Electronics India Pvt. Ltd.** merely as a facilitator.
   For more detailed information, please visit : http://www.lg.com

अपने पुराने उपकरण का निपटान (ई–अपशिष्ट नियम के अनुसार)



1. जब इस काटे गये पहिये वाले बिन का चिह्न किसी उपकरण और इसके ऑपरेटर की पुस्तिका के साथ संलग्न होता हैं तो इसका मतलब है कि इसे ''ई–अपशिष्ट'' (प्रबंधन और हथालन) नियम 2011 के अन्तर्गत सम्मिलित किया गया है, और इसे नवीनीकरण, विघटन और निपटान के लिए बनाया गया है।
2. **करें**–
   क– उपकरण को सिर्फ अधिकृत पुनः नवीनीकरणकर्ता को ही निपटारण करने हेतु हस्तांतरित करें।
   ख– जब उपकरण कार्यरत न हो इसे अलग क्षेत्र में रखें ताकि उपकरण से होने वाली दुर्घटनाओ से बचा जा सके।

ना करें–

क– इस उपकरण को स्वयंध्खुद नहीं खोलना चाहिए ! उपकरण को केवल अधिकृत अधिकारी के द्वारा ही खोला जाना चाहिए।
ख–इस उपकरण को पुनः बिक्री के लिए किसी भी कबाड़ीवाला/भंगार वाला/अनाधिकृत संस्था को न दें।
ग– इस उपकरण को किसी घरेलू अपशिष्ट सामान के साथ मिलाकर न रखें।
घ– उपकरण के बदले हुए या आतंरिक पुरजो को खुले क्षेत्र में न रखें।

3. यदि किसी अनाधिकृत विभाग या व्यक्ति के द्वारा निपटारण किया जाता है तो यह पर्यावरण (सुरक्षा) धारा 1986 के अन्तर्गत आता है।
4. दुर्घटनाग्रस्त टूट/फूट तथा अव्यवस्थित रख–रखाव से बचे ।
   क– यदि बैटरियों का निपटारण अशुद्ध रूप से कर रहे हैं, तो यह वातावरण को बहुत नुकसान पहुँचा सकता हैं। रासायनिक उपकरण खतरनाक होते हैं। जो रसायन और धातु बैटरियों में पाए जाते हैं, इसे मिट्टी में मिलाने पर यह मनुष्यों, पौधों और पशुओं के लिए खतरनाक हो सकती हैं। यदि इसे आग में फेंकते हैं तो ये विस्फोट कर सकती हैं और ये जहरीली गैसें दे सकता है जो स्वास्थ्य के लिए हानिकारक हैं।
   ख– रेफ्रीजरेंट (R410A) कम दबाव पर दहनशील हो सकती हैं तथा इससे स्वास्थ्य पर दुस्प्रभाव पड़ सकता है जैसे चक्कर आना, सिर दर्द और हृदय गति रूकना।
5. यह उत्पाद ई–अपशिष्ट (प्रबंधन और हथालन) नियम 2011 के अन्तर्गत 13(1) एवं (2) के तहत निर्दिष्ट खतरनाक पदार्थों की आवश्यकता का पालन करता है।
6. उपरोक्त पदार्थो के निपटारन के लिए नजदीकी निपटारन संस्थान (संकीर्ण क्षेत्र) में कॉल करें। अधिक जानकारी के लिए हमारे टोल फ्री नम्बर 1**800-315-9999 / 1800-180-9999** पर कॉल करें। सभी संग्रहण केन्द्र व पिक–अप की सुविधाएं थर्ड–पार्टी से जो **LG Electronics India Pvt. Ltd** को अपनी सेवाएं प्रदान कर रही हों, से करवाएं।
   अधिक जानकारी के लिए देखें वेबसाइट : http://www.lg.com

ENGLISH

BEFORE USE

Prior to Operation

Preparing for Operation

1. Contact an installation specialist for installation.
2. Plug in the power plug properly.
3. Use a dedicated circuit breaker.
4. Do not use an extension cord.
5. Do not start/stop operation by plugging/unplugging the power cord.
6. If the cord/plug is damaged, replace it with only an authorized replacement part.

Usage

1. Being exposed to direct airflow for a long time may be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for a long time.
2. Due to the possibility of oxygen deficiency, ventilate the room when using the appliance together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purpose (e.g. preserving precision devices, food, pets, plants, or art objects). Such use may damage your properties.

Cleaning and Maintenance

1. Do not touch the metal parts of the unit when removing the filter. Injury can occur.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to electric shock or effect product performance.
3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is triggered while cleaning inner parts of the unit.

Service

For repair and maintenance, contact your authorized service dealer.

Components

Symbols used in this Manual

This symbol alerts you to the risk of electric shock.

This symbol alerts you to hazards that may cause harm to the air conditioner.

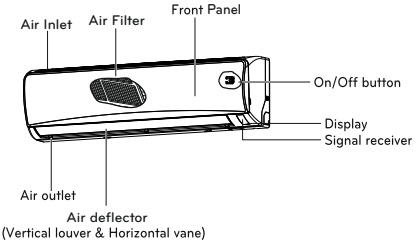
NOTE This symbol indicates special notes.

Features

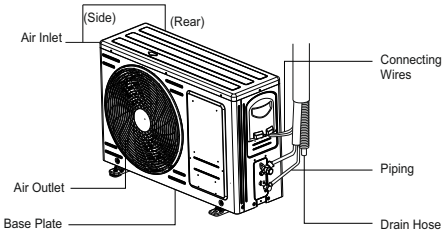
WARNING

This appliance should be installed in accordance with national wiring regulations. This guide acts as a guide to help to explain product features.

Indoor unit



Outdoor unit



Electrical Safety

⚠WARNING

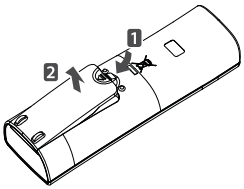
- This appliance must be properly grounded.
  To minimize the risk of electric shock, you must always plug into a grounded outlet.
- Do not cut or remove the grounding.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal and not insulated, and the wall receptacle is grounded through the house wiring.
- If you have any doubt whether the air conditioner is properly grounded, check the wall receptacle and circuit checked by a qualified electrician.

Using the remote control

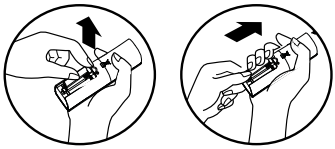
Inserting batteries

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 battery cover.



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



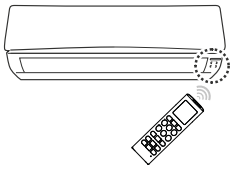
3 Re-attach the battery cover.

NOTE

- The remote control may operate other electronic devices if pointed towards them. Make sure to point the remote control towards the signal receiver of the air conditioner.
- For proper operation, use a soft cloth to clean the signal transmitter and receiver.
- This feature can be changed according to type of model.

Operating method

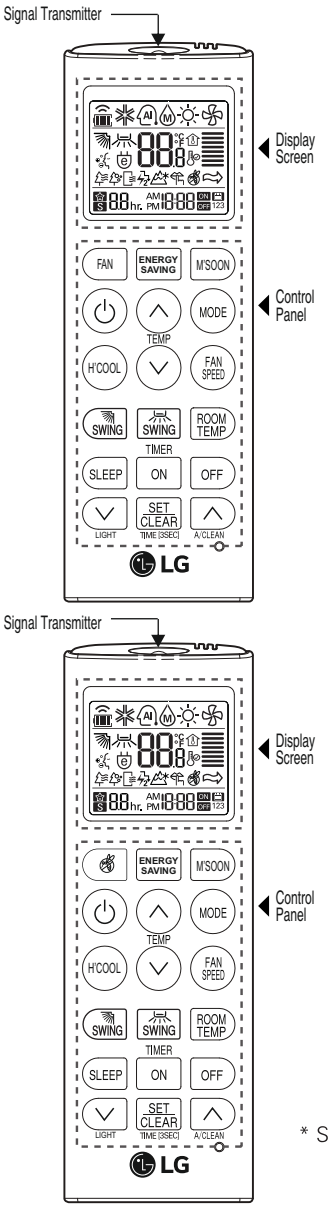
Point the remote control towards the signal receiver at the bottom of the air conditioner to operate it.



Using the remote control

You can operate the air conditioner more conveniently with the remote control.

Wireless remote control



Control panel	Display screen	Description
FAN		**Air Circulation button** : Used to circulate the room air without cooling or heating.
		Mosquito Away operation button*: Used to start or stop Mosquito Away operation
SLEEP	1hr	**Sleep mode auto button** : Sets the sleep mode auto operation.
TEMP	88 °C	To adjust the desired room temperature in cooling, heating or auto changeover mode.
	-	**ON/OFF button :** Turns the air conditioner ON/OFF
FAN SPEED		**Indoor fan speed button:** Adjusts the fan speed.
MODE		**Operation mode selection button*:** Selects the operation mode. Cooling operation (❄) / Auto operation or auto changeover (AI) / Heating - operation(☼)*/ Air circulation*(✿)
M'SOON		**Monsoon mode selection button** : Use to remove excess moisture.
H'COOL	HI	**H'COOL button :** Cools down the indoor temperature within a short period of time
SWING SWING		**Air flow direction button*:** Adjusts the air flow direction vertically & horizontally.
ROOM TEMP		**Temperature Display Button:** Display the room temperature.
TIMER ON OFF	AM 12:00	**Timer button:** To turn on/off the air conditioner automatically at desired time.
A/CLEAN ENERGY SAVING LIGHT		**Functions button** : Adjusts the time and sets the special functions. : Auto clean / : Operates energy saving cooling / Turn indoor unit display ON or OFF.
SET CLEAR TIME (3SEC)	-	**Set/clear button:** Sets or cancels functions. Also set the current time if held for 3 seconds.
O	-	**Reset button:** Initialize the remote controller settings.

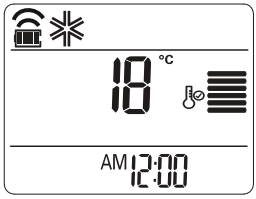
* Some functions may not be supported, depending on the model.

BASIC FUNCTIONS

Cooling your room
(Cooling operation)

1 Press (⏻) to turn on the power.

2 Press (MODE) repeatedly to select the cooling operation.
- ❄ is displayed on the display screen.

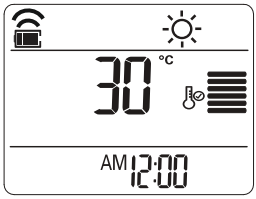


3 Press (∧) or (∨) to set the desired temperature.
- The temperature range is 18 °C - 30 °C

Heating your room
(Heating operation)

1 Press (⏻) to turn on the power.

2 Press (MODE) repeatedly to select the heating operation.
- ☼ is displayed on the display screen.



3 Press (∧) or (∨) to set the desired temperature.
- The temperature range is 16 °C - 30 °C

NOTE

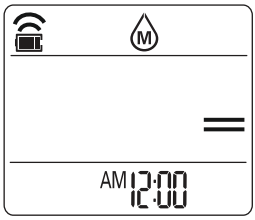
Cooling-only models do not support this function.

Removing humidity (Cooling Mode Only)
(Monsoon operation)

This mode removes excess moisture from environment with high humidity or in the rainy season, in order to prevent mold from setting in. This mode adjusts the room temperature and the fan speed automatically to maintain the optimal level of humidity.

1 Press (⏻) to turn on the power.

2 Press (M'SOON) to select the monsoon operation.
- Ⓜ is displayed on the display screen.



NOTE

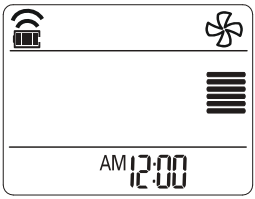
- In this mode you cannot adjust the room temperature, as it is adjusted automatically. Also, the room temperature is not displayed on the display screen.
- In this mode indoor unit fan and outdoor unit will be OFF intermittently.
- To Exit from Monsoon mode press (MODE) key or (H/COOL) key or (FAN) key

Airing your room
(Air Circulation operation)

This mode only circulates the indoor air without changing the room temperature.

1 Press (⏻) to turn on the power.

2 Fan button : Press [FAN] turn on the air circulation operation.
: Press (MODE) repeatedly to turn on the air circulation operation.
- is displayed on the display screen.



3 Press (FAN SPEED) to adjust the fan speed.

NOTE

- This function may not be supported, depending on the model.

Adjusting the fan speed

1 Press (FAN SPEED) repeatedly to adjust the fan speed.
- Select ⇨ if you want natural air. The fan speed adjusts automatically.

Remark	Speed
≡	High
≡	Medium
≡	Low
≡ ⇨	Natural Wind

Natural wind (CHAOS Logic)

For fresher feeling, press the INDOOR FAN SPEED SELECTION BUTTON and set to Natural wind mode (⇨).
In this mode, the wind blows like a natural breeze by automatically changing fan speed.

Using the Air Flow Direction Function

This function adjusts the direction of the air flow vertically (horizontally).

- Press [SWING] [SWING] button repeatedly and select desired direction
  - Select SWING SWING to adjust the direction of the air flow automatically.

NOTE

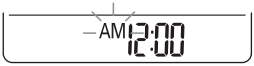
- Adjusting the air flow direction horizontally may not be supported, depending on the model.
- Adjusting the air deflector arbitrarily may cause product failure.
- If you restart the air conditioner, it starts to operate with the previously set direction of air flow, so the air deflector may not match the icon displayed on the remote control. When this occurs, press (SWING) or [SWING] to adjust the direction of the air flow again.
- This function may operate differently from the remote control display.

Setting the timer

You can use the timer function to save energy and to use the air conditioner more efficiently.

Setting the current time

1 Press [SET CLEAR TIME DISEC] and hold it for longer than 3 seconds.
- The AM/PM icon flickers at the bottom of the display screen.



2 Press ∨ or ∧ to select desired time.

3 Press SET CLEAR to finish.

Turning ON the air conditioner automatically at a set time

1 Press ON
- The icon below flickers at the bottom of the display screen.



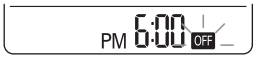
2 Press ∨ or ∧ to select desired time.

3 Press SET CLEAR to finish.

4 When setting the timer, current time and ON icon are displayed on the display screen indicating that the ON TIMER is set.

Turning OFF the air conditioner automatically at a set time

1 Press OFF
- The icon below flickers at the bottom of the display screen.



2 Press ∨ or ∧ to select desired time.

3 Press SET CLEAR to finish.

4 When setting the timer, current time and OFF icon are displayed on the display screen indicating that the OFF TIMER is set.

Canceling the timer setting

1 Press ON or OFF to select the timer setting to cancel.

2 Press SET CLEAR
- To cancel all timer settings, press SET CLEAR

(The timer lamp on the air conditioner and the display will go off.)

Setting sleep mode

Use the sleep mode to turn OFF the air conditioner automatically when you go to sleep.

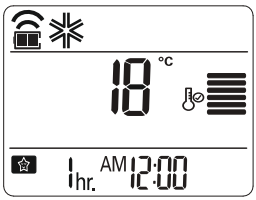
The fan speed is set to low in sleep mode.

1 Press ⏻ to turn on the power.

2 Press SLEEP

3 Press ∨ or ∧ to select the hour (up to 7 hours).

4 Press SET CLEAR to finish.
- is displayed on the display screen in sleep mode.



NOTE

- The sleep mode will operate indoor fan at super low speed in cooling mode and at low speed in heating mode for pleasant sleep

In cooling mode or Monsoon mode:

The setting temperature will rise automatically two times by 1 °C over next consecutive 30 minutes (Maximum 2 °C) for a comfortable sleep.
This will be the final setting temperature as long as sleep mode is functioning.
After completion of set time unit will switch OFF automatically.

ENGLISH

ADVANCED FUNCTIONS

The air conditioner offers some additional advanced functions.

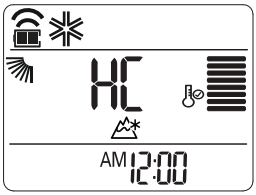
Changing room temperature quickly

H'COOL(Himalaya)Mode

This mode allows you to cool indoor air quickly in summer

1 Press ⏻ to turn on the power.

2 Press H'COOL



-In H'COOL(Himalaya)mode, 30 minutes strong focused air blows out for faster cooling.

Internal Set temperature will be 18 °C.

NOTE

- During & after H'COOL mode swing function will be ON by default.
- To OFF swing function Press respective swing key.
- This mode does not have auto restart feature.

Indoor air purification

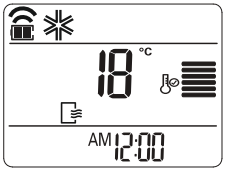
Auto Clean operation

In the cooling and monsoon operations, moisture is generated inside the indoor unit. Use the auto cleaning function to remove such moisture.

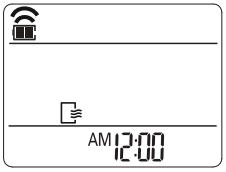
1 Press ⏻ to turn on the power.

2 Press ∧ A/CLEAN

- is displayed on the display screen.



During Auto clean selection



Auto clean operation mode

- If you turn off the power, the fan operates for 30 minutes and cleans the inside of the indoor unit.

NOTE

Some buttons cannot be used while the auto cleaning function is in operation.

During Auto Clean function, "[0" will be displayed on the unit.

Energy saving cooling mode

This mode minimizes power consumption during cooling and increases the set temperature to the optimal level for a more comfortable environment.

The temperature automatically sets at 22 °C if ambient temperature is below 22 °C.

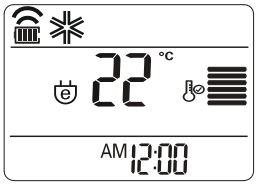
The temperature maintains if ambient temperature is above 22 °C

1 Press ⏻ to turn the power on.

2 Press MODE repeatedly to select the cooling operation.

3 Press ENERGY SAVING

- ⓔ is displayed on the display screen.



NOTE

In Energy Saving Cooling Mode, temperature on the display of the remote controller and air conditioner can be different.

- This function may not be supported, depending on the model.
- This mode does not have auto restart feature.

Auto operation (Artificial inelligence)

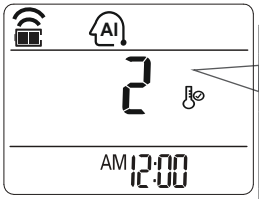
Cooling-only models

In this mode, the fan speed and the temperature adjust automatically, based on the room temperature.

1 Press (⏻) to turn on the power.

2 Press (MODE) repeatedly to select auto operation.
- AI is displayed on the display screen.

3 Press (∨) or (∧) to select the desired operation code if the temperature is higher or lower than the desired temperature.



Code	Description
2	Cool
1	Cool slightly
0	Maintain room temperature
-1	Heat slightly
-2	Heat

NOTE

- In this mode, you cannot adjust the fan speed, but you can set the air deflector to rotate automatically.
- This function may not be supported, depending on the model.

Display screen brightness

You can adjust the brightness of the indoor unit display screen.

1. Press (∨ LIGHT).
Turn on/off the Display screen.

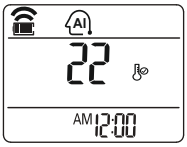
Auto Changeover operation

(Cooling & Heating model)

This operation is basically heating or cooling function of the air conditioner. But during this operation the controller change the operation mode automatically to keep the temperature within ±2 °C with respect to the setting emperature.

1 Press (⏻) to turn on the power.

2 Press (MODE) repeatedly to select Auto Changeover operation
- AI is displayed on the display screen.



3 Press (∨) or (∧) to set the desired temperature.
- The temperature range is 18 °C - 30 °C

4 Press (FAN SPEED) repeatedly to select the fan speed.

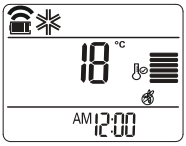
NOTE

- This function may not be supported, depending on the model.

Mosquito Away* Operation (Optional)

Mosquito Away is a device to radiate frequency which mosquitoes don't like.

1 Press
- To start Mosquito Away function.



2 Press again to finish

NOTE

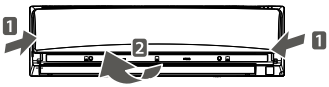
- You can use this function by pressing without turning the air conditioner ON. (In this case, Fan speed can not be changed).
  At this time horizontal vane will be at default position & the fan speed will be low.
- This function can be used with other function like timer, monsoon.
- This function may not be supported depending on the model.
- The Mosquito Away performance can be different depending on the customer's environment.

* For detail refer Disclaimer.

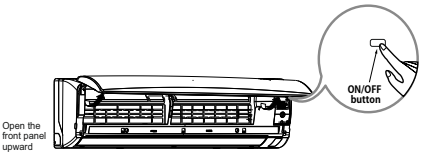
Operating the air conditioner without the remote control (Forced Operation)

You can use the ON/OFF button of the indoor unit to operate the air conditioner when the remote control is unavailable. However, the fan speed is set to high.

1 Open the front cover.
- Lift up both sides of the cover slightly.



2 Press the On/Off button.



- For cooling and heating models, the operation mode changes, depending on the room temperature.

	Cooling Model	Heat pump Model*		
		Room Temp. 24 °C	21 °C Room Temp. < 24 °C	Room Temp. < 21 °C
Operating mode	Cooling	Cooling	Healthy Dehumidification	Heating
Indoor FAN Speed	High	High	High	High
Setting Temperature	22 °C	22 °C	23 °C	24 °C

If you want to stop the unit, re-press the power button.

NOTE

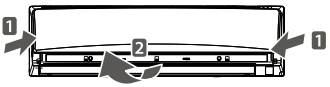
* This feature can be changed according to type of model.

Restarting the air conditioner automatically

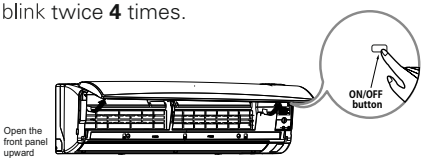
When the air conditioner is turned on again after a power failure, this function restores the previous settings. This function is a factory default setting.

Disabling auto restart

1 Open the front cover.
- Lift up both sides of the cover slightly.



2 Press the On/Off button and hold it for 6 seconds.
- The unit will beep twice and the lamp will blink twice **4** times.



* The feature can be changed according a type of model.

- To re-enable the function, press the On/Off button and hold it for 6 seconds.
The unit will beep twice and the lamp will blink 4 times.

NOTE

If you press and hold the On/Off button for 3 – 5 seconds instead of 6 seconds, the unit will switch to the test operation. In the test operation, the unit blows out strong air for cooling for 18 minutes and then returns to the factory default settings.

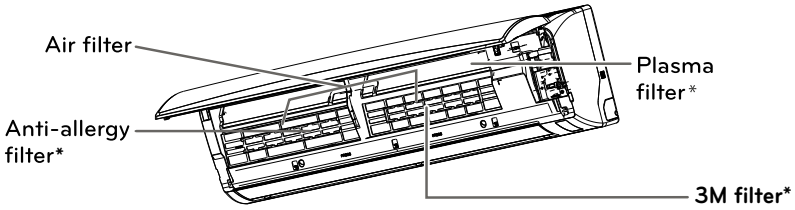
MAINTENANCE

If the air conditioner will not be used for an extended period of time, dry the air conditioner to maintain it in best condition.

1 Dry the air conditioner in Fan mode for 2 to 3 hours and disconnect the power plug. There may be internal damage if moisture is left in components.

2 Before using the air conditioner again, dry the inner components of the air conditioner in Fan mode for 2 to 3 hours. This will help to remove odor which is generated from moisture

Clean the product regularly to maintain optimal performance and to prevent possible breakdown.



* The feature can be changed according to type of model.

Item	Cleaning interval	Cleaning method
Air filter	2 weeks	See "Cleaning air filter."
Anti-allergy filter*	3 months	See "Cleaning anti-allergy filter."
Plasma filter*	3 months	See "Cleaning the plasma filter."
3 M filter*	1 month	See "Cleaning the 3M filter."
Indoor Unit	Regularly	Clean the Indoor unit surface by using a soft, dry Cloth.
	Every 4 Months	Clean the condensate drain pipe.
	Once a year	Clean the condensate drain pan.
	Once a year	Throughly clean the heat exchanger.
	Once a year	Replace the remote control batteries.
Outdoor Unit	Regularly	Use steam to clean the heat exchanger coils and the panel vents. (consult with technician)
	Once a year	Clean the fan.
	Once a year	Clean the condensate drain pan.
	Once a year	Verify that all the fan assembly is firmly tightened.
	Once a year	Clean the electric components with air.

CAUTION

- Do not washed the 3M filter with water, because the filter can be damaged.
- Turn OFF the power and unplug the power cord before you perform any maintenance; otherwise it may cause electric shock.
- Never use water that is hotter than (40 °C) when you clean the filters. It may cause deformation or discoloration.
- Never use volatile substances when you clean the filters. They may damage the surface of the product.

NOTE

- The location and shape of the filters may differ, depending on the model.
- Make sure to clean the heat exchanger coils of the outdoor unit regularly, as dirt collected in the coils may decrease the operational efficiency or increase energy consumption.

NOTE

* The feature can be changed according to type of model.

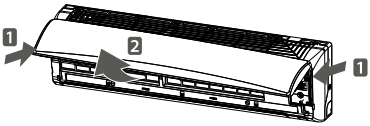
Cleaning the air filter

Clean the air filter once every 2 weeks or more if necessary.

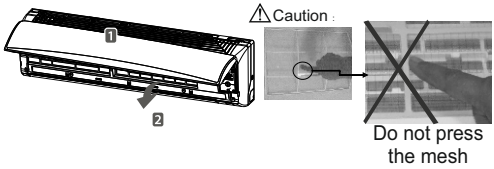
1 Turn off the power and unplug the power cord.

2 Open the front cover.

- Lift up both sides of the cover slightly.



3 Hold the knob of the air filter, lift it up slightly and remove it from the unit.



4 Clean the filter with a vacuum cleaner or with warm water.

- If dirt is difficult to remove, wash the filter in lukewarm water with detergent.

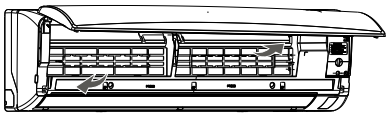
5 Dry the filter in the shade.

Cleaning the anti-allergy filter (Optional)

1 Turn off the power and unplug the power cord.

2 Open the front cover and remove the air filter (see "Cleaning air filter").

3 Pull out the anti-allergy filter.



4 Clean the filters with a vacuum cleaner.

NOTE

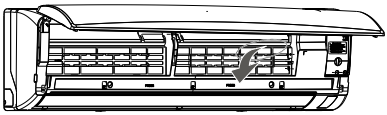
The location and shape of the filters may differ, depending on the model.

Cleaning the plasma filter (Optional)

1 Turn off the power and unplug the power cord.

2 Open the front cover and remove the air filter (see "Cleaning air filter").

3 Remove the plasma filter after 10 seconds.



4 Use a vacuum cleaner to remove any dirt.

- If dirt is difficult to remove, wash the filter with lukewarm water.

5 Dry the filter in the shade.

NOTE

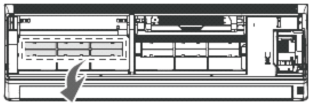
- The location of the filters may differ, depending on the model.
- The plasma filter may not be included in some models.

Cleaning the 3M Filter (Optional)

1 Turn off the power and unplug the power cord.

2 Open the front cover and remove the air filter (see "Cleaning air filter").

3 Remove the 3M Filter.



4 Use a vacuum cleaner to remove dirt.
- Do not wash the 3M Filter with water because the filter can be damaged.

NOTE

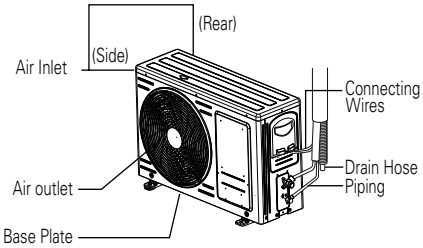
- We suggest changing the 3M Filter every 6 months.
- The location of the filters may differ, depending on the model.
- For more filters, Please contact the LG service center. (Refer to the warranty card.)
- The feature can be changed according to type of model.

Outdoor Unit

The heat exchanger coils and panel vents of the outdoor unit should be checked regularly. If clogged with dirt or soot, the heat exchanger and panel vents may be professionally steam cleaned.

NOTE

Dirty or clogged coils will reduce the operating efficiency of the system and cause higher operating costs.



TROUBLESHOOTING

Self-diagnosis function

This product has a built-in self-diagnosis function. If an error occurs, the lamp of the indoor unit will blink in 2 second intervals. If this occurs, contact your local dealer or call center.

Before requesting service

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

Problem	Possible causes	Corrective action
There is a burning smell and an abrupt sound coming from the unit.	-	Turn off the air conditioner, unplug the power cord and contact the call center.
Water leaks from the indoor unit even when the humidity level is low.		
The power cord is damaged or generating excessive heat.		
A switch, a circuit breaker (safety, ground) or a fuse is not operated properly.		
The air conditioner does not work.	The air conditioner is unplugged.	Check whether the power cord is plugged into the outlet.
	A fuse is blown or the power supply is blocked.	Replace the fuse or check if the circuit breaker has tripped.
	A power failure has occurred.	Turn off the air conditioner when a power failure occurs. When the power is restored, wait 3 minutes, and then turn on the air conditioner.
	The voltage is too high or too low.	Check if the circuit breaker has tripped.
	The air conditioner turned off automatically at a preset time.	Press the power button again.

Problem	Possible causes	Corrective action
The air conditioner does not generate cool air.	Air is not circulating properly.	Make sure that there are no curtains, blinds or furniture blocking the front of the air conditioner.
	The air filter is dirty.	Clean the air filter once every 2 weeks. See "Cleaning Air Filter" for more information
	The room temperature is too high.	In summer, it may take some time to cool indoor air. In this case, select the H'COOL operation to cool indoor air quickly.
	Cold air is escaping from the room.	Make sure that no cold air is escaping through ventilation points in the room.
	The desired temperature is higher than the set temperature.	Set the desired temperature to a level lower than the current temperature.
	There is a heating source nearby.	Avoid using a heat generator such as an electric oven or a gas burner while the air conditioner is in operation.
	Air circulation operation is selected.	In the air circulation operation, air blows from the air conditioner without cooling or heating the indoor air. Switch the operation mode to the cooling operation.
It is not possible to adjust the fan speed.	The auto operation, H'COOL operation or is selected.	In some operation modes, such as the H'COOL or Auto operation modes, you cannot adjust the fan speed. Select an operation mode in which you can adjust the fan speed.
It is not possible to adjust the temperature.	The air circulation operation or H'COOL operation is selected.	In some operation modes, such as the air circulation or H'COOL mode, you cannot adjust the temperature. Select an operation mode in which you can adjust the temperature.
The air conditioner stops during operation.	The air conditioner is suddenly turned off. A power failure has occurred during operation.	The Timer Function may have timed out, which turns the unit off. Check the timer settings. Wait for the power to come back. If you have the Auto Restart function enabled, your unit will resume its last operation several minutes after power is restored.
The indoor unit is still operating even when power has been turned off.	The Auto Clean function is being operated	Allow the Auto Clean function to continue since it removes any remaining moisture inside the indoor unit. If you do not want this feature, you can turn the unit off
The air outlet on the indoor unit is discharging mist.	The cooled air from the air conditioner makes mist.	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.	This symptom requires installing a drain hose under the base pan. Contact the installer.

Problem	Possible causes	Corrective action
There is noise or vibration.	A clicking sound can be heard when the unit starts or stops due to movement of the reversing valve. Creaking sound: The plastic parts of the in door unit creak when they shrink or expand due to sudden temperature changes. Flowing or Blowing sound: This is the flow of refrigerant through the air conditioner.	These are normal symptoms. The noise will stop.
The indoor unit gives off an odor.	Odors (such as cigarette smoke) may be absorbed into the indoor unit and discharged with airflow.	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.
The air conditioner does not emit warm air.	When Heating Mode starts, the vane is almost closed, and no air comes out, even though the outdoor unit is operating. The outdoor unit is in Defrosting Mode. Outside temperature is too low.	This symptom is normal. Please wait until the unit has generated enough warm air to blow through the indoor unit. In Heating Mode, ice/frost is built up on the coils when the outside temperature falls. This function removes a layer of frost on the coil, and it should finish in approximately 15 minutes. The heating effect may not be sufficient.
Tak-tak noise from indoor unit	Contraction or expansion of plastic components due to change in temperature	It is a natural phenomenon, and can only be reduced but not overcome completely

Operation ranges

The table below indicates the temperature ranges the air conditioner can be operated within.

Mode	Indoor temperature	Outdoor temperature
Cooling	18 °C~32 °C	18 °C~48 °C
Heating	16 °C~30 °C	-5 °C~24 °C

* When the outdoor temperature drops below 0°C, heating capacity may drop slightly depending on the operation condition.

When the air conditioner is not going to be used for a long time.

When air conditioner is not going to be used for a long time.

1. Operate the air conditioner on Air circulation mode (Refer to page 12) for 2 to 3 hours.
   • This will dry out the internal mechanisms.
2. Turn off the circuit breaker, and disconnect the plug.

⚠ CAUTION

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

3. Remove the batteries from the remote control.

When the air conditioner is to be used again.

1. Clean the air filter and install it in the indoor unit.
   (Refer to page 18 for cleaning filters.)
2. Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.

DISCLAIMER

IMPORTANT: Long term effect not tested and mosquitoes may become resistant. Mosquito species used in the test below may differ from the mosquito species of your region. This product is one of the ways to manage mosquitoes and not intended to replace other protective devices against mosquitoes.

Test Details:

A: Tested by International Institute of Biotechnology and Toxicology (IIBAT), India, According to LG internal testing method.

- Test conducted, three times at temperature of 27 ± 2 °C and humidity of 60 ± 10 %.
- Test used two chambers size 3.5 m x 2.6 m x 2.2 m, the chamber with the LG air conditioner assumed to be inside (“inside chamber”) and the chamber without the LG conditioner assumed to be outside (“outside chamber”).
- Cages (25 cm^3) are placed inside each chamber, connected using netted sleeves to enable the movement of the mosquitoes from one cage to another.
- One person is placed inside the chamber to attract mosquitoes.
- For each test, 50 lab cultured 3-5 days old mosquitoes were placed in the cage in outside chamber; number of mosquitoes coming into the cage in inside chamber was counted every 10 minutes for 90 minutes under 2 settings:
  - Control setting (low fan ON + mosquito repelling ultrasonic OFF)
  - Treatment setting (low fan ON + mosquito repelling ultrasonic ON)

Test Result:

Found to repel on average 81.1 % of Aedes aegypti mosquitoes. Repel rate shows percentage of mosquitoes prevented from entering the inside chamber after 90 minutes of Treatment setting compared to Control setting. Represented average of 81.1 % derived from 76.9 %, 84.6 %, 81.8 %.

B: Tested by Intertek, Korea,
According to LG internal testing method.

- Test conducted, three times at temperature of 27 ± 2 °C and humidity of 60 ± 10 %.
- Test used two chambers size 33 m^3 and 19 m^3 connected by a channel made of white sheet, small chamber assumed to be outside (“outside chamber”) and the large chamber to be inside with the LG air conditioner (“inside chamber”)
- One person is placed inside the inside chamber to attract mosquitoes.
- For each test, 50 lab cultured 3-5 days old mosquitoes were released into outside chamber; number of mosquitoes coming into the inside chamber was counted every 10 minutes for 90 minutes under 2 settings:
  - Control setting (low fan ON + mosquito repelling ultrasonic OFF)
  - Treatment setting (low fan ON + mosquito repelling ultrasonic ON)

Test Result:

Found to repel on average 72.5 % of Aedes aegypti mosquitoes. Repel rate shows percentage of mosquitoes prevented from entering the inside chamber after 90 minutes of Treatment setting compared to Control setting. Represented average of 72.5 % derived from 73.1 %, 64.3 %, 80.0 %.

Results may vary in other settings, including but not limited to temperature, humidity, location, space, mosquito species, number of mosquitoes, number of persons, and operation time.



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