



ENGLISH

العربية

OWNER'S MANUAL

LG AIR PURIFIER

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

Model name: AM30GUWF1



MFL66979828
Rev.00_072017

www.lg.com

TABLE OF CONTENTS

3 SAFETY INSTRUCTIONS

7 HOW TO INSTALL

- 7 Selecting installation place
- 7 Use the air purifier as this.

8 NAME OF THE PARTS

- 8 Product
- 9 Operation indicator and control part
- 10 Filter system
- 11 Humidification cleaning filter system

12 HOW TO USE

- 12 Air cleaning operation
- 13 Indicator display
- 15 Ionizer operation
- 15 Sleep operation
- 16 Lock function
- 16 Filter check display
- 17 Checklist before using the humidification cleaning function

19 Humidification cleaning function

- 19 Humidification cleaning operation

20 HOW TO CLEAN

- 20 How to clean the exterior
- 20 How to clean the dust sensor
- 21 How to clean the air outlet
- 22 Filter cleaning
- 23 How to clean and replace various filters
- 23 How to clean the tray and the humidification filter

25 HOW TO STORE

26 TROUBLESHOOTING BEFORE CALLING FOR SERVICE

28 PRODUCT SPECIFICATION

SAFETY INSTRUCTIONS

READ THESE INSTRUCTIONS CAREFULLY

This guide contains many important safety messages. Always read and obey all safety messages.



This is the safety alert symbol. It alerts you to safety messages that inform you of hazards that can kill or hurt you or others, or cause damage to the product.

All safety messages will be preceded by the safety alert symbol and the hazard signal word **WARNING** or **CAUTION**. These words mean:



Warning

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



Caution

Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate injury or product damage.

This equipment is home (class B) EMI suitable equipment, which is mainly for home use, and it can be used in all regions.



Warning

To reduce the risk of fire, electric shock or personal injury when using this product, follow basic safety precautions including the following:

CHILDREN IN THE HOUSEHOLD

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

INSTALLATION

- Install the product near an easily accessible electrical outlet.
- Do not install the product on an uneven or inclined surface.
- Do not install the product in a damp area and keep away from splashing rain or water.

4 SAFETY INSTRUCTIONS

- Do not install the product in an area exposed to direct sunlight or near heat-generating equipment.
- Do not install the product in a place where combustible gas may leak or industrial oil or metallic particulates are present.

POWER

- This product is for AC 220–240 V. Always check the supply voltage before using it.
- Be careful not to let the power plug pressed by the back of the product.
- Remove the power plug when you clean the product or replace the filter.
- Do not touch the power plug with wet hands.
- Insert the plug into the outlet tightly after removing the moisture and dust on it completely.
- When unplugging the power cord, always pull it by the plug.
- Unplug the product during thunder or lightning or when not in use for a long time.
- Do not bend the power cable excessively or place a heavy object on top of it.
- Do not extend the length of the power cable or alter it.
- Do not use several devices on a multi-socket extension outlet.
- The appliance shall be disconnected from its power source during service and when replacing parts.
- Take care to ensure that power cable could not be pulled out or damaged during operation. There is risk of fire or electric shock.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person using only genuine replacement parts in order to avoid a hazard.

USE

- If the product is immersed in water, stop using it and contact the LG Electronics service center.
- If there is a gas leakage (isobutane, propane, LNG, etc.), do not touch the product or power plug and ventilate the area immediately.
- Do not clean the product with brushes, cloths or sponges with rough surfaces or which are made of metallic material.
- If you detect any abnormal noise, odor or smoke, unplug the product immediately and contact an LG Electronics service center.

- Only an authorized repair person from LG Electronics service center should disassemble, repair, or modify the product.
- Do not use or store fire, combustibles (ether, benzene, alcohol, drugs, propane, butane, combustible spray, insecticide, air freshener, cosmetics etc.) or flammable materials (candles, lamps etc.) near the product.
- Do not place the power cord under rugs, carpeting or mats.
- Do not allow animals or pets to chew on the power cord.
- Do not allow children to climb on or play with the product.
- Do not move the product when it is in operation.
- Do not place coffee, flower vase or drinks on top of the product.
- Do not insert hands or metal objects into the air inlet or outlet.
- Do not impact the product.
- Be careful not to allow any part of your body to be pinched when you detach and re-attach parts of the product.
- Unplug the product when not in use for a long time.
- Do not install and use broken parts.
- Do not clean the product when it is plugged in.
- Do not put flammables into the product.
- Do not operate the product while its cover is open.

DISPOSAL

- Dispose of the packing materials (vinyl, styrofoam etc.) to keep them out of reach of children.

Caution

To reduce the risk of fire, electric shock, or personal injury when using the product, follow basic safety precautions, including the following:

INSTALLATION

- Do not tilt the product to pull or push it while transporting.
- Do not install the product in transportation equipment (vehicle/vessel etc.).
- Do not place the product near a TV or a stereo equipment.
- Do not place the product under bright light.
- The appliance shall be installed in accordance with national wiring regulations.

USAGE

- Do not use the product for removal of toxic gas such as carbon monoxide.
- Do not use the product for ventilation purposes.
- Do not use the product for a long time in a region with unstable voltage.
- Do not place obstacles around the air inlet or outlet.
- For safe use of the product, children or others with reduced mental capabilities need to be closely monitored by a person who is responsible for their safety.
- Do not place the product near curtains.
- Do not use the product for special purposes such as preserving plants, precision instrument, artworks etc.
- Do not climb or place objects on top of the product.
- Do not operate the product with wet hands.
- Do not let the moisture from the humidifier directly touch the product.
- Do not use the product while it is not in upright position.
- Do not use the product near objects vulnerable to heat.
- Use the filter only for its intended purpose.
- Do not use detergents, cosmetics, chemicals, air fresheners, or disinfectants in the product.
- Do not place magnetic or metal objects on top of the product.
- Do not clean with strong detergents of solvent types, but use soft cloth.

HOW TO INSTALL

Selecting installation place

Main Unit

- Place with handy power connections
- Place with no obstacle to clog air inlet
- Place with horizontal surface and rich air circulation



Warning

There can be product failure if the air purifier is installed on a moving vehicle such as cars, boats and others.



Warning

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

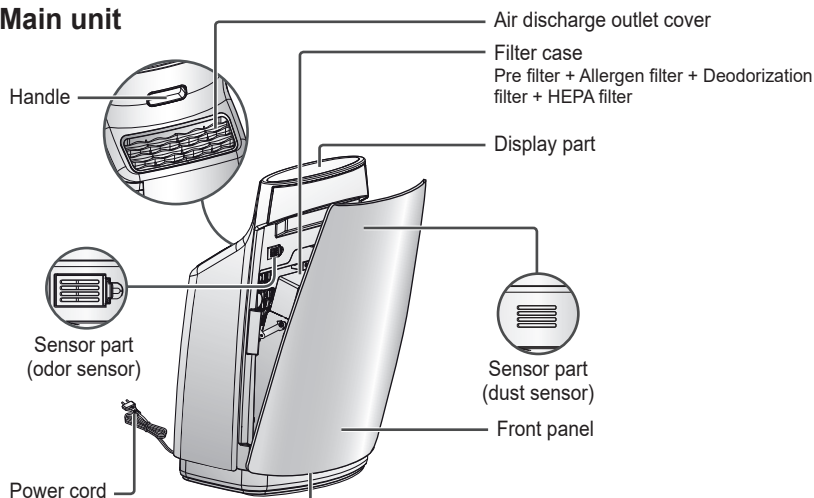
Use the air purifier as this.

- Reduce the use of air purifier if possible when you cook smelly food such as fish grill.
 - The vaporized oil from the cooking may affect to the performance and lifetime of the filters, and the odor may stick on the filter as well.
- Maintain a minimum distance of 1 meter from the air purifier when you sleep.
 - The fan speed of the air purifier is not that high. However you may feel a chill.
- Do not place in a corner edge.
 - Avoid a place surrounded with furniture and electronic equipment, or in a corner edge. The air purifier will not function well if it is installed in a corner edge.

NAME OF THE PARTS

Product

Main unit



Cleanliness indicator lamp

It is the lamp indicating the room air cleanliness status.

According to the room cleanliness degree detected by the dust sensor and the odor sensor, the cleanliness is displayed.

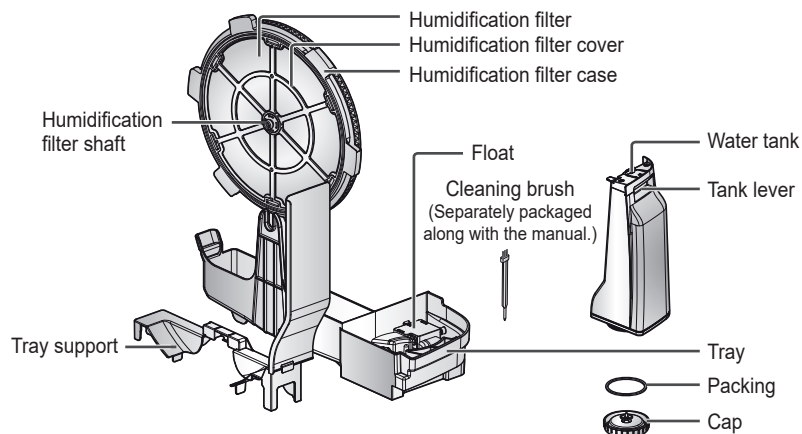
- Overall cleanliness display

(Contaminated) red → orange → green → blue (clean)

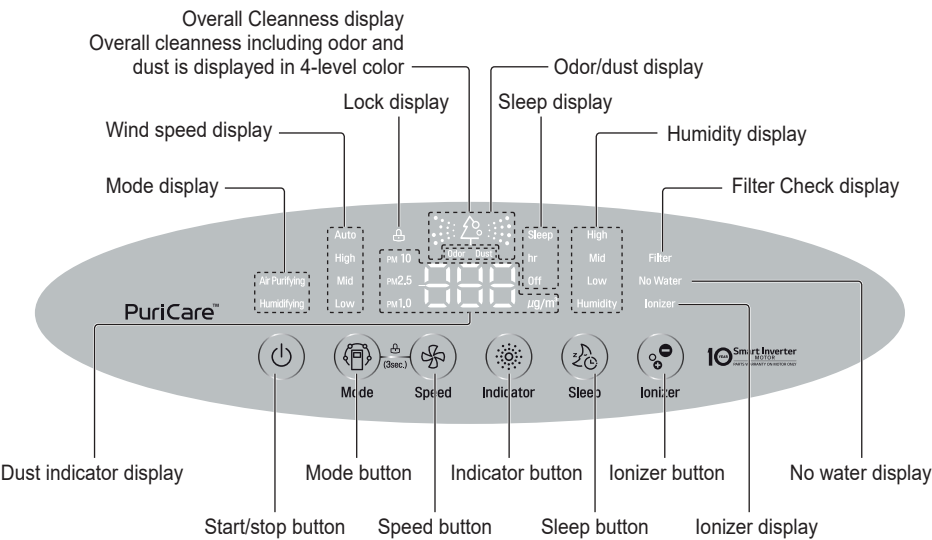
After starting the operation, during the sensor stabilization time (30 sec.), the cleanliness indicator lamp is lighted with white color. After 30 seconds, it displays the room cleanliness.

According to the initial detection value, the cleanliness displayed on the product may be different.

Humidification function part



Operation indicator and control part

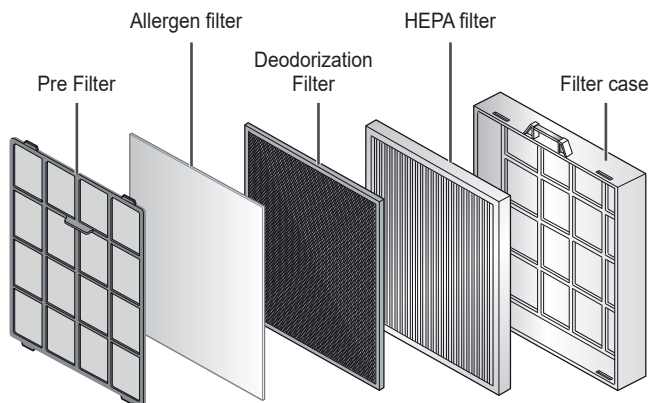


Start/Stop button	Use to start and stop the product.
Mode button	It displays status of the product. (Air Purifying or Humidifying)
Speed button	It adjusts wind volume.
Indicator button	It selects micro dust size and displays dust density.
Sleep button	It adjusts wind volume for sound sleep and can set the time when the clean lighting is turned off.
Ionizer button	It generates ion and removes various bacteria in the indoor air.
Lock function	Pressing the Mode button and the Speed button together for 3seconds lock/unlock the lock function.
Filter Check display	If the Filter display on, check if the filter is contaminated, and if it is seriously contaminated, clean or replace the filter.
No water display	When you operate Humidifying, it displays If there is no water in the tank. After you pour water into the tank, it is off.
Humidity display	When you operate Humidifying, it indicates indoor humidity.
Dust indicator display	Dust indicator display

※ Dust particle size guide

- PM10 : dust particle size is equal or below 10μm (occurs in the combustion at the site, automobile exhaust, etc.)
- PM2.5: dust particle size is equal or below 2.5μm (consists of ion, carbon compounds, and metal compounds)
- PM1.0: dust particle size is equal or below 1.0μm (cigarette smoke, etc.)

Filter system



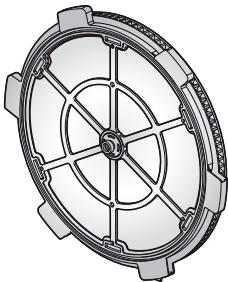
Filter name	Function
Pre-Filter	It is filter for large particles removal and is done with anti-biotic treatment, which helps the life extension.
Allergen filter	It absorbs and decomposes allergen which could cause allergy.
Deodorization filter	The comprehensive deodorization filter removes cigarette smoke(odor), putrid food odor, animal hair odor, NO2, toilet odor, alkali & acid odor, organic compound(VOCs).
HEPA filter	HEPA filter removes minute particles such as acarid dead body, pollen, cigarette smoke(particles), minute dust, floating fungus, animal hair and so on.

The filter washing and replacement cycles may depend on the user environment.

! NOTE

- If you request filter cleaning to the service center, we will clean it with a charge for actual cost.
- The filter replacement frequency can vary depending on the operational environment.
- The filter composition can vary depending on a model in use.
- If you need more and change filter, please contact the LG service center.
- Nothing but an operation with the filter equipped guarantees a normal air purification process.

Humidification cleaning filter system



Filter name	Function	Cleaning and replacement cycle
Humidification cleaning filter	It is filter for large particles removal and is done with anti-biotic treatment, which helps the life extension.	Cleaning period: Once per week or more Replacement cycle: about 1 year

NOTE

- The lifespan of the humidification filter may be different by the water quality.
- Even within 6 months, if it becomes the following status, please replace.
 - Water stain or odor is not removed even after mending.
 - Discoloration (black, yellow) or dirtiness is severe.
 - The white lump on the humidification filter remains even after the washing.
 - The damage or deformation is severe. (Please replace according to the manual in the separately sold parts.)





NOTE

- According to the waste separation method, please dispose the worn humidification filter.
- Humidification filter material: PET

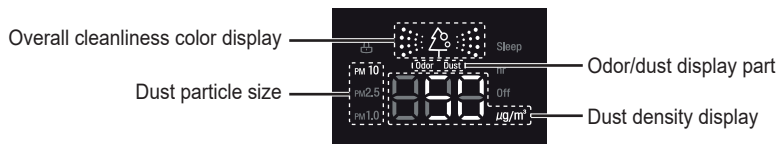
HOW TO USE

Air cleaning operation

It purifies the indoor with clean and fresh air.

1. Press the  button to start the air cleaner operation.
2. Set to the cleaning operation mode with  mode button.
3. Select the desired wind amount with  Speed button.
 - Whenever you press the  Speed button, it repeats in the order of Auto → Low → Mid → High → Auto.
 - At the initial operation, it is set to the automatic operation. (In the automatic operation mode, the wind amount is automatically controlled according to the indoor air contamination degree)
 - After starting the operation, during the sensor stabilization period (30 sec.), the display part prepares the cleanliness display.

000 → 000 → 000 → 000 → 000 → ...




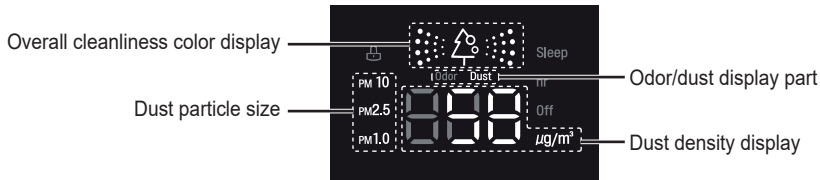
After 30 seconds, the overall cleanliness and the dust density is displayed. But, odor sensor is stabilized 2 min. after starting the operation, so before that time, it displays the cleanliness with the PM10/PM2.5/PM1.0 contamination level.

CAUTION

If the front panel is not properly closed or open, 'OPEN' is displayed on the display part, and it does not operate.

Indicator display

- Press the  Indicator button and check the density of PM10 / PM2.5 / PM1.0.
 - Pressing the button each time checks the density of PM10 → PM2.5 → PM1.0 in turn. Pressing the Indicator button during operation displays the density of PM10 / PM2.5 / PM1.0 at the display for 10 seconds.



- Check the dust particle size display window.
 - Dust density is displayed based on the dust density window with the highest contamination level.
- Example) When PM10 density is 79 (normal), and PM2.5 is 90 (bad), and PM1.0 is 50 (normal), PM2.5 value is displayed for dust density.

Cleanliness is displayed in 4-level color depending on the contamination level of PM10 / PM2.5 / PM1.0 and odor.

(Contaminated) Red → Orange → Green → Blue (clean)

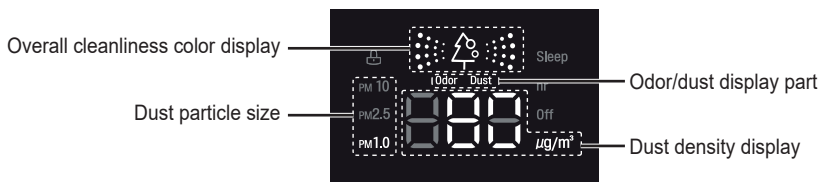
- When the displayed cleanliness is above bad/very bad, the cause of bad level (dust/odor) is displayed in addition to cleanliness color display. Overall cleanliness color is displayed based on the worst level among PM10 / PM2.5 / PM1.0 and odor.

Checking method of overall cleanliness

Overall cleanliness	Status	Dust density (unit μg/m ³)			State	Odor density
		PM10	PM2.5	PM1.0		Level
Red	Very Bad	Equal or above 151	Equal or above 101	Equal or above 101	Very strong	4
Orange	Bad	81~150	51~100	51~100	Strong	3
Green	Normal	31~80	16~50	16~50	Normal	2
Blue	Good	Equal or below 30	Equal or below 15	Equal or below 15	Weak	1

- ※ Dust density is displayed in the unit of one from 8 to 999.
When it comes to the dust density values, we referred to the data sheets provided by the sensor supplier.

Example)





- **Explanation on the display** : Since PM1.0 density is Bad(Orange) with $80\mu\text{g}/\text{m}^3$, display dust at the odor/dust display. Since 'odor' is displayed at the odor/dust display, odor density is also strong. Since PM1.0 is displayed at the dust particle size display, the density level of PM1.0 is higher than that of PM10 or PM2.5

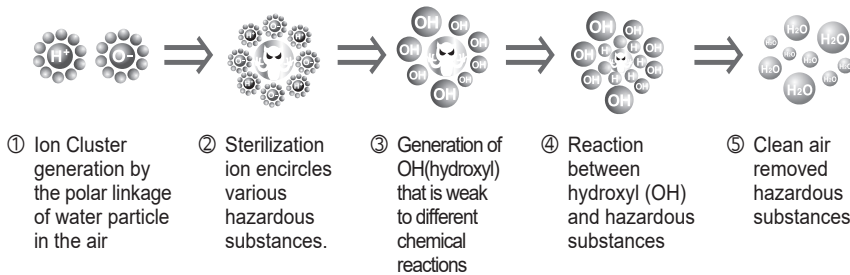
Reference

- PM10 and PM2.5 cleanliness follows the provided by the Ministry of environment(Air KOREA). (2015)
 - The overall cleanliness level displayed on the product may be different from a level announced by Ministry of environment(Air KOREA).
- The dust density level for PM1.0 has been displayed in the same manner as the dust density level for PM2.5. (LG Electronics standards)
- The displayed density of PM10 / PM2.5 could differ from the forecast of the Ministry of environment(Air KOREA) and from other measurement devices or products.
 - Indicated dust concentration values can differ from each other depending on the differences in dust measuring methods and also from real dust concentration levels.
 - The assessment of dust density was made against dust used for LG Electronics standards tests.
- In case you use the product which generates steam and micro particles (humidifier, cooling device, spray, etc.), micro dust density could change.
- Since the cleanliness display shows overall dust and odor, it could differ from the density value of PM10, PM2.5, and PM1.0.
- Even in the same space, the PM10 density value could differ from other products due to air circulation.
- The overall cleanliness display could change in response to the chemicals contained in air freshener, perfume, deodorizer, and cosmetics.
- The displayed dust density value could change depending on the installation environment (affected by sofa, bed, carpet, vacuum cleaner, humidity, smoke, bugs, fats, etc.)
- The displayed density value of PM10/PM2.5/PM1.0 could change depending on the surrounding environment (construction site, road side, plant, etc.)
- The density of micro dust could be measured high near exit doors, windows, and ventilation holes or under the environment where outside air flows in.
- Do not clean the sensor with other materials other than alcohol or water. It may cause product failure.

Ionizer operation






It generates negative ion and removes various bacteria in the air.

1. Start the air purifier by pressing the  button.
2. Press the  Ionizer button.
 - It removes hazardous substances such as bacteria, virus and others in the air.
 - Whenever it is pressed it changes the operation sequence as Ionizer → reset function → Ionizer.











Sleep operation

It makes quiet and pleasant environment when sleeping.


1. Start the air purifier by pressing the  button.
2. Press the  Sleep button.
 - It changes to low noise operation that fits for sleeping.
 - When Sleep Mode is on, Sleep Mode is only displayed.
 - The reservation time can be set in the order of 2 hours → 4hours → 8hours → 12hours → Disable.
3. Fan speed at Sleep Mode.
 - If the  Sleep button is pressed, it runs automatically as Low fan speed for an hour and the fan speed after is controlled by the air quality.
 - During the Sleep Mode you may change the fan speed in sequence of Auto → Low → Mid → High whenever  Speed button is pressed.
4. How to disable Sleep Mode: Press the  Sleep button again.
 - * Once Sleep Mode is set, all other display is off except the Sleep Mode.

Lock function

1. Press the  button.
2. Press the  Mode button and  Speed button simultaneously for over 3 seconds.
 - It sets Lock function  with the sound "Ting".
 - It may protect the product by unwanted operation by children or others.
 - Press the  Mode button and  Speed button simultaneously for over 3 seconds to disable the Lock function.
 - If press of any button does not work, check for the Lock function and disable the Lock.
 - If power cord is unplugged, the lock function is also disabled.

※ Even when the product is stop, you may enable and disable Lock function by pressing  Mode button and  Speed button simultaneously for over 3 seconds.



Filter check display

1. If the filter check display on, turn off the power of the operating product by pressing  button and unplug the power cord from the outlet.
2. Open the front panel of the product and check the filter. If the filters are contaminated, clean or replace.

For filter cleaning and replacement, refer to pages 22~23.

<How to initialize filter replacement (How to turn off filter replacement indicator)>

Method 1. Unplug the power cord from power outlet.

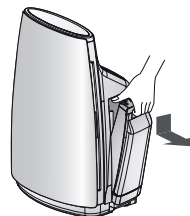
Method 2. Press  Speed button and  Sleep button for 3 seconds or longer.

※ Since the filter replacement display is automatically turned off after 24 hours, replace the filter in time.

Checklist before using the humidification cleaning function

Check the humidification filter assembly status

1. Separate the water tank.



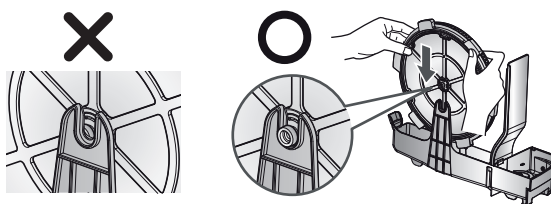
2. Separate the tray.

- Be careful not to have overflow of the water, and lightly lift and pull to the arrow direction to separate.



3. Correctly assemble both sides of the humidification filter case to the tray fixing part as in the figure, and assemble the tray to the main unit.

- If the humidification filter is not correctly assembled, abnormal noise occurs and the humidification does not work.



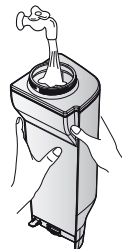
Water tank water supply

1. Open the water tank cap and supply tap water into the water tank.

- Fill the water as much as there is no water leaking when the water tank cap is assembled.

! CAUTION

- Using tap water is more hygienic. Tap water is processed with chlorine, and various viruses are hard to multiply, but if water other than tap water (well water, purified water, mineral water, etc.) is used, it is easier for mold or various viruses to multiply.
- Do not supply 40 °C or more hot water, aroma oil, chemical, contaminant, or air freshener. (Cause of malfunction and failure)
- Water tank may fall down, so make sure to hold the water tank with both hands.



2. Lock the water tank cap.

- Make sure to check if the water leaks.
- Make sure to wipe out the moisture around the water tank.
- If the water tank cap packing is omitted during the assembly, the water may easily spill, and it may cause electric shock or product damage.

! CAUTION

- When you insert the water tank, check if the tray humidification filter and float are correctly assembled. If they are not correctly assembled, it may cause insufficient humidification or failure.

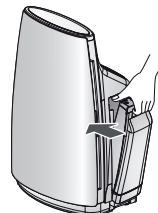


3. Assemble the water tank to the main unit.

- If the water tank is not correctly mounted, it may cause malfunction or noise.



! NOTE

- When you unscrew or lock the water tank cap, and when you supply water into the water tank, while holding the water tank with hand, force to unscrew or lock.
- When you unscrew or lock the water tank cap, carefully check OPEN / CLOSE arrow direction on the water tank cap.




Humidification cleaning function

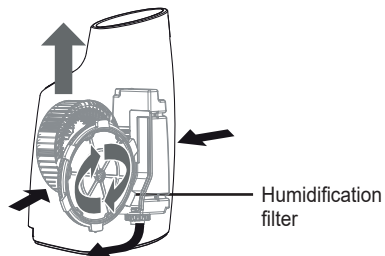
Humidification cleaning operation

1. Press the  button.
2. Set to the humidification cleaning mode with  Mode button.
 - You cannot set to the desired humidity.
 - During the humidification cleaning operation, the humidification is done with fine particle, so you will not see the spraying.
3. Select the desired wind amount with Speed button.
 - Whenever you press the Speed button, it is changed in the order of Auto → Low → Mid → High → Auto.

! NOTE

- When there is no water in the water tank, the no-water lamp is turned on and buzzer sounds, but the operation does not stop. During the humidification operation, when you separate the water tank and tray from the product, no-water is turned on and buzzer sounds also, but the operation does not stop. During the operation, do not separate the water tank or the tray.
- During the operation, if no-water lamp is turned on, make sure to turn off the power, separate the water tank, supply water into the water tank, combine with the main unit, and operate.
- There are cases not becoming adequate humidity or rising too high according to the area or state of the installed room
It does not become adequate humidity. --- Operate with higher wind amount.
It is over adequate humidity. --- Turn off the humidification cleaning operation.

4. After the humidification cleaning operation, when you turn off the power, press  operation mode button to change to the cleaning operation and operate for about 5 minutes.
 - The wet humidification filter is dried quickly and maintained cleanly.



HOW TO CLEAN

How to clean the exterior

Soak soft cloth in warm water, squeeze it well, and wipe the humidification air cleaner.




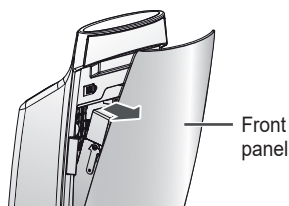
CAUTION

- Do not wipe the main unit control part and display part with alkali detergent.
- Do not use sulfuric acid, hydrochloric acid, or organic solvent (thinner, lamp oil, etc.) to wipe the surface of the humidification air cleaner, and do not attach stickers, etc. It may damage the surface.

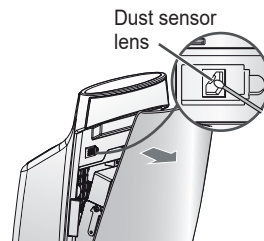
How to clean the dust sensor

Dust sensor is a device to detect the degree of the contamination of the fine dust and big dust, and lens part shall be periodically cleaned to maintain the performance.

1. If it was in operation, press  button to turn off the power, pull out the cord, and then open the front panel.
 - When you open the front panel, the water in the tray may spill, so do not open it hard.



2. Wipe the dust sensor lens with cotton swab.
 - After the cleaning, close the dust sensor part cover in the reverse order.

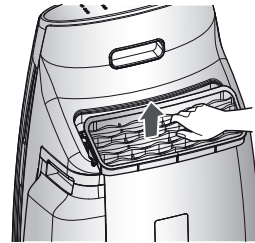


NOTE

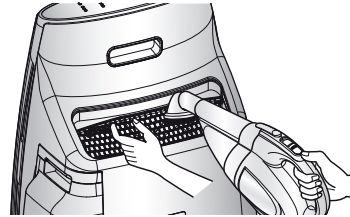
- Clean the dust sensor lens about once per 2 months. But, the cleaning cycle is different according to the usage environment and usage time, so in an environment with a lot of dust, frequently clean it.

How to clean the air outlet

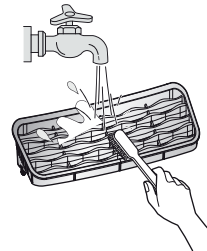
1. Hold the air outlet cover's wave pattern part and lift upward to separate.



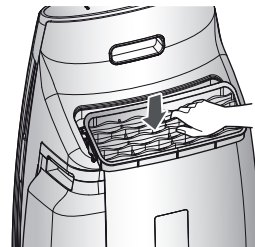
2. Use the cleaning brush and cleaner inlet to remove the dust on the safety blocking net.



3. Wash the separated air outlet cover in running water with soft brush.
 - After washing it, completely dry in a shadow until the moisture disappears.



4. During the assembly after the cleaning, insert the air outlet cover by matching the back part of the cover to the product as in the right side figure, and settle down the front part.

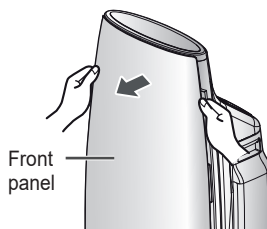


NOTE

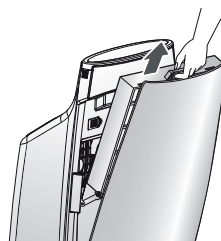
- Clean the air outlet about once per 1~2 months.
But, the cleaning cycle is different according to the usage environment and usage time, so in an environment with a lot of dust, frequently clean it.

Filter cleaning

1. If it is in operation, turn off the power and pull out the cord.
Pull the front panel forward to open.



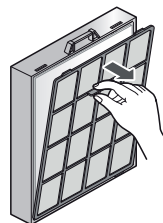
2. Pull the filter case upward and take out from the main unit.



3. Pull the Pre Filter forward and separate from the filter case.

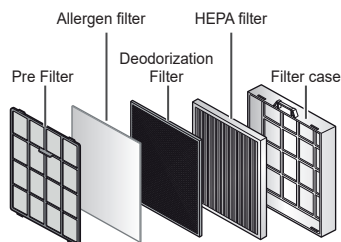
NOTE

- After washing the Pre Filter, if it is not sufficiently dried, there may be odor, so completely dry it at a place with good wind ventilation.
- If the filter is contaminated too severely, it needs to be replaced. (After the filter cleaning, close the front panel. If it is not completely closed, it will not operate.)



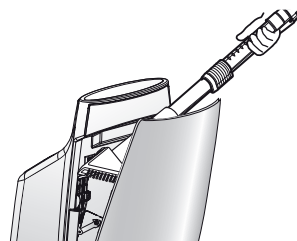
4. Clean the disassembled filter according to the filter cleaning method in the next page.

- Replace the replacing filter with about 1 year cycle.
- Do not wash the replacing filter with water.



5. During the filter cleaning, also clean inside the main unit with cleaner cleaning brush.

6. After the cleaning, assemble in the reverse order of the disassembly.







How to clean and replace various filters

Filter type	Classification	Cleaning cycle	How to clean
Pre-Filter	For washing	About a month washing Cycle	Clean the Pre-filter with a vacuum cleaner or a soft brush, and when the contamination is severe, use a neutral detergent and water to clean it off.
Allergen filter	For replacement	About 12 months cycle replacement	The replacement cycle for this filters may be different according to the usage environment.
Deodorization filter			
HEPA filter			

CAUTION

- The filter cleaning or replacement service during the use of the product is a charged service.

How to clean the tray and the humidification filter

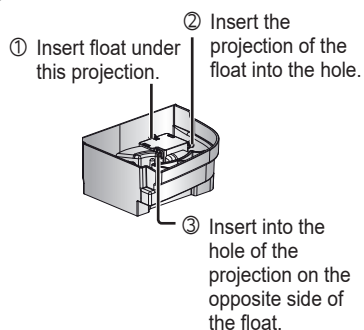
Classification	Replacement cycle	Cleaning cycle	How to clean
Water tank	—	Daily	<ul style="list-style-type: none"> When you supply water into the water tank, fill about 1/3, and wash by shaking 4~5 times. Dissolve 10g neutral detergent or citric acid in 1L warm water, soak for 1~2 hours, and wash using the cleaning brush. After the washing, sufficiently rinse with running water.
Tray	—	Daily	<ul style="list-style-type: none"> If there are white powder generated around the humidification filter and the humidification filter case, it may cause odor and noise, so make sure to clean them with soft brush.
Humidification filter	6~12 months	Once or more per week	<div> <p>* Wash by shaking the water tank 4~5 times.</p>  </div> <div> <p>* While you are holding the case, use brush, cotton swab, etc. to softly wipe the humidification filter, gear, and case.</p>  </div> <div> <p>* During the humidification filter case washing, it may be damaged, so carefully wash it.</p>  </div> <div> <p>* After neutral detergent or citric acid washing, rinse with clean water.</p>  </div> <p>* Citric acid: you can purchase at pharmacy or internet.</p>

24 HOW TO CLEAN


- Frequently wash the water tank and the tray. Water stain is removed, and you can use the product hygienically.
- Do not disassemble the float of the tray. It may cause failure.
If it is disassembled by shock, assemble in the order as in the right side figure.
- Do not disassemble the humidification filter case. The humidification filter and case may be deformed or damaged.
- When you wipe with brush, wipe softly. If you press too hard, the fiber may be damaged.

NOTE

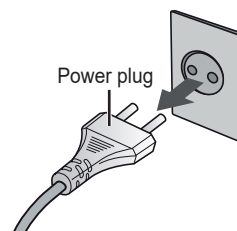
- If you do not rinse it enough, there may be odor of detergent or citric acid, and it may cause discoloration or deformation of the product.
- During the use, a white lump may be attached to the humidification filter, or there may be red or yellow discoloration. These are the impurities such as calcium contained in the tap water, and it is a normal phenomenon.



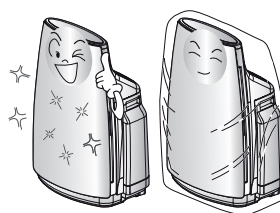
HOW TO STORE

1. On a sunny day, operate in clean operation mode for 1 hour or more, and press  button to stop the operation.
 - If you operate it for 1 hour or longer on a sunny day, you can remove the moisture and mold inside the product.

2. Pull out the power plug.



3. Clean the humidification air cleaner main unit cleanly and store it well. When you store it for a long period of time, remove the tray and the water tank, and pack the filter and main unit well with vinyl cover, etc. so that dust or foreign object may not enter inside the product.
 - During the cleaning, wipe with soft cloth. Scratching, etc. may damage the exterior.
 - Do not store it at a place with a lot of moisture or exposed to the direct sunlight. It may cause odor, deformation, or malfunction.



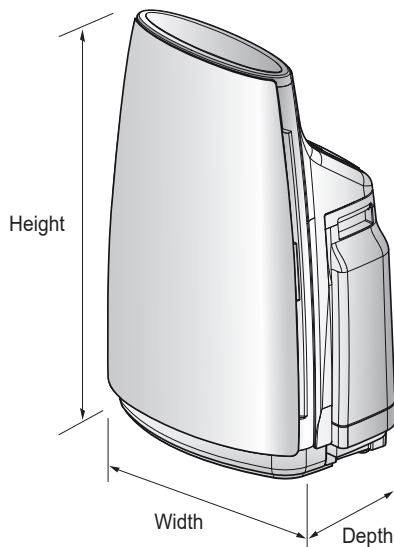
TROUBLESHOOTING BEFORE CALLING FOR SERVICE

If there is a problem with the product, check the following cases first before requesting service to the service center.

Symptom	Check	Actions
It does not start at all.	<ul style="list-style-type: none"> • Isn't the power plug pulled out? • Isn't the voltage too low? 	<ul style="list-style-type: none"> • Insert correctly into the socket. • Check if it is 220–240 V~.
Wind amount is small and there is a noise.	<ul style="list-style-type: none"> • Is the pre filter clogged? • Is dust accumulated on the HEPA filter? 	<ul style="list-style-type: none"> • Clean the pre filter. • Clean the HEPA filter.
Air purification does not work well.	<ul style="list-style-type: none"> • Is the indoor contamination severe? • Is dust accumulated on the pre filter? • Is dust accumulated on the HEPA filter? • Isn't the usage place too wide? • Are there obstacles nearby? • Is the product installed in a corner? 	<ul style="list-style-type: none"> • Ventilate first before usage. • Clean the pre filter. • Clean the HEPA filter. • Use the product appropriate for the usage area. (Avoid places with fluent ventilation such as entrance, window, etc.) • Please remove obstacles. • Please change the installation location.
There is a strange odor coming out of air outlet.	<ul style="list-style-type: none"> • Is it used at a place with a lot of smoke or odor? • Is there abnormal odor from the deodorization filter? 	<ul style="list-style-type: none"> • Very heavy smoke or odors may degrade the performance of the filters. Ventilate the area before using the air purifier. • Replace the deodorizing filter.
There is an odor, but the Indicator lamp does not change.	<ul style="list-style-type: none"> • Isn't red light turned on in the Indicator lamp? 	<ul style="list-style-type: none"> • Odor sensor may not respond to food odors as harmful, but odors are removed by the deodorizing filter.
The Indicator lamp is continuously on with red color.	<ul style="list-style-type: none"> • Doesn't the color change even if it is moved to a clean room? • Did you use spray near the Air Purifier? 	<ul style="list-style-type: none"> • If the quantity of odor is greater than the ability that can be processed by the Air Purifier, the display may not change. • Do not use sprays near the Air Purifier.
Button does not work well.	<ul style="list-style-type: none"> • Is the lock lamp on the operation part turned on? 	<ul style="list-style-type: none"> • Press Mode button and Speed button together for 3 sec. to reset the lock setting.

Symptom	Check	Actions
There has been no change in micro dust concentration.	<ul style="list-style-type: none"> • Sensor may be dirty or blocked by foreign material. • Air purifier may be in enclosed area. 	<ul style="list-style-type: none"> • See instructions for cleaning sensor. • Indoor air quality may stay the same in an enclosed area.
The fine dust concentration value keeps showing high.	<ul style="list-style-type: none"> • Is the place of installation located where the inflow of air is made constantly? 	<ul style="list-style-type: none"> • In an environment where the inflow of air is made, the concentration value can keep showing high.
There is difference between the comprehensive cleanliness level color and dust concentration value.	<ul style="list-style-type: none"> • Doesn't the odor / dust indicator display 'Odor'? 	<ul style="list-style-type: none"> • The comprehensive cleanliness level evaluates odor and dust concentration comprehensively and then displays. If an odor is strong although the dust concentration is low, the comprehensive cleanliness level may display a different color.
There is difference between the Ministry of environment(Air KOREA) guide and comprehensive cleanliness level.	<ul style="list-style-type: none"> • Is there difference between the Ministry of environment(Air KOREA) guide and dust concentration value of the air cleaner? 	<ul style="list-style-type: none"> • There can be difference between the Ministry of environment(Air KOREA) guide which indicates an average value during a given period time and comprehensive cleanliness level indicated on the air cleaner which is measured and then displayed on a real time basis.
The filter produces odors.	<ul style="list-style-type: none"> • Doesn't the deodorization filter produce any odor? • The wireless router connected with the product is not working. 	<ul style="list-style-type: none"> • The filter replacement frequency can differ depending on the user environment. • The life of the filter can get sharply reduced if it is used for long when you cook food or grill fish / meat. Open the window and ventilate the room as much as possible when you cook food. After ventilation, use the air cleaner in order to accomplish the purpose of eliminating remaining odors.
The odor and dust indicator do not display.	<ul style="list-style-type: none"> • Does the comprehensive cleanliness level turn yellow or green? 	<ul style="list-style-type: none"> • Only when the dust concentration level is Bad / Very Bad or odor concentration Strong / Very Strong, the odor / dust indicator displays a substance as the cause of pollution.

PRODUCT SPECIFICATION



The external dimension, design and product standard can change to improve the quality of the product.

Model name	AM30GUWF1
Power supply	220–240 V~ 50/60 Hz
Weight of Product	10.2 kg
Appearance Size(mm)	450(w) x 635(H) x 305(D)
Power consumption	45 W

※ The rating on the manual displays a range for possible usage, so it could be different from the rating on the label, which displays the rating of the using region on the produc