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ENGLISH

中国语

OWNER'S MANUAL

LG Air Purifier

Read before using product (safety instruction), use properly.
About ensuring users safety and property.
After careful read through the user manual, do keep it in a handy place.

Model name : PS-V219 series

P/NO : MFL68181312

www.lg.com

SAFETY PRECAUTIONS

The precautions related with the safety shown below are to prevent unexpected hazard and damage through safe and accurate operation of the product.

⚠ WARNING

If not followed, It may cause death or major injury to the user.

⚠ CAUTION

If not followed, it may cause injury to the user or property damage.

⚠ This symbol will alert you to any product detail or operation that could lead to a safety hazard. Read carefully and follow the instructions to avoid danger.

⚠ WARNING

Installation

- Do not arbitrarily change or extend the power line.
  - It may cause fire and electric shock.
- When the socket is damaged or loosened, do not use it.
  - It may cause fire and electric shock.
- Do not arbitrarily disassemble, repair, or modify the product.
  - It may cause fire and electric shock.
- Do not use the product at the location where moisture or oil are prevailed such as toilet or bathroom, laundry, etc.
  - It may cause fire and electric shock.
- When using the multi-socket, do not use several appliances at the same time.
  - Excessive use of electric power may cause fire and electric shock.
- When gas is leaked, perform the ventilation by opening the window before operating the air purifier.
  - Otherwise, it may cause the explosion, fire, and burn.
- Do not store or use combustible gas or flammable material near the product.
  - It may cause fire or product failure.
- If abnormal noise, odor or smoke is coming out from the product, pull out the power plug and contact the customer care center.
  - It may cause fire and electric shock.
- Do not place heavy object on the power cord or have power cord squashed under equipment.
  - It may cause fire and electric shock.
- Carry out the installation by avoiding direct sunlight, heating appliance, and dampness.
  - It may cause the electric shock, fire, and failure.
- Do not place fire source near to the product.
  - It may cause fire.

Operation

- Insert securely the power plug up to the end of its plug so that it will not be shaken.
  - If connection is unstable, it may cause fire.
- Do not arbitrarily change or extend the power line.
  - It may cause fire and electric shock.
- Do not allow water to be infiltrated into the product.
  - It may cause fire and electric shock.
- Do not place rug etc. on the power cord.
  - If heavy object is placed on the rug because the cord is invisible, it may cause fire and electric shock.
- Do not touch the power plug with wet hand.
  - It may cause electric shock and injury.
- Do not remove the plug by pulling its power cord section.
  - It may cause fire and electric shock.
- Do not place obstacles at the air suction port or discharge port of the product.
  - It may cause the product failure.
- Do not use the product where water can be easily splashed.
  - It may cause fire or electric shock.
- Do not allow children to climb up the product or arbitrarily touch it.
  - It may cause failure, injury.
- Do not move the product while it is under operation.
  - It may cause fire and electric shock or partial damage of the product may occur.
- Do not put hands , glue or metal at the air suction port or discharge port of the product.
  - It may cause product damage, injury, or electric shock.
- Do not install the product at the location where excessive industrial oil smoke or metallic dust is prevailed.
  - It may cause fire and product failure.
- Do not move the product by grabbing any other parts other than the handle of the product.
  - The product may partially be damaged.
- If product repair is required, contact the service center.
  - Arbitrary disassemble or repair may cause electric shock or fire.
- If the product is flooded, make sure to contact the service center.
  - There is a risk of electric shock or fire.
- Do not apply any impact on the front panel.
  - It may cause injury, product damage or electric shock.
- Do not let children or people that are difficult to operate the device safely alone operate the product.
  - It may cause injury or electric shock.
- If the power cord is damaged, request for repair to the service technician to prevent any risk.
  - If not, It may cause fire, electric shock or product failure.

⚠ CAUTION

Installation

- When installing near to TV or audio, provide more than 1 m of distance with them.
  - TV or audio may have malfunction.
- When pulling out the power plug, pull out by grabbing the head of the plug.
  - It may cause injury or electric shock.
- In kitchen, do not use the product as ventilation fan or hood for range.
  - The life will be shortened.
- During the cleaning, make sure to stop the product and pull out the power plug.
  - The fan is rotating at a high speed, and it may cause injury.
- Avoid places near fire, heating appliances, or under direct sunlight.
  - It may cause fire.
- Do not use the product to remove toxic gas such as carbon monoxide.
  - It may cause product failure.
- Install the product at the flat location and do not throw it down or give impact.
  - It may cause product failure.
- Provide distance of more than 1.5 m from lighting appliance and more than around 10 cm from the wall.
  - It may cause the product discoloration and the cleaning capability may be deteriorated.
- Use only AC 220-240 V.
  - It may cause fire and electric shock.
- Do not install in transportations (vehicle/vessel, etc.).
  - It may cause failure.

Operation

- Do not use the product for special usages/places such as preservations of animal/plant, precision equipment, art pieces, etc.
  - It may cause property damage.
- Do not clean with strong detergents such as solvents, but use soft cloth.
  - It may cause fire and product deformation.
- If it is not used for a long period of time, pull out the power plug.
  - It may cause product failure or fire.
- Do not operate with wet hand.
  - It may cause electric shock.
- Do not climb up or place object on Air Purifier.
  - It may cause injury by falling or flip over.
- Make sure to insert the Dual Protection Filter, and clean the filter every month.
  - It may cause shortening of the filter life.
- Be sure to insert all the filters before the use and perform regular cleaning of the filter.
  - Otherwise, It may cause product failure.
- Install the product at the flat location and do not throw it down or give impact.
  - It may cause fire or product failure.

- Do not use the power cord as tied.
  - Heat generation may cause fire.
- Start cleaning and mending after pulling out the power plug and when the fan stops rotating.
  - You may get electric shock or injury.
- Do not use it as a ventilator.
  - The product life may be shortened.
- Completely dry the Dual Protection Filter in a shadow until there is no moisture after washing.
  - Otherwise, It may cause failure.
- Do not insert inflammables inside the product.
  - It may cause fire or product failure.
- Do not let the moisture emitted from the humidifier directly touch the product.
  - It may cause electric shock, fire, or product failure.
- Do not open the backside panel while product is in operation.
  - Fan is rotating, and it has a risk of injury.

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SIMPLE USAGE METHOD

Installation Place Selection

Main Unit

- Place for easy power connection (close to socket)
- Place without obstacles interfering with indoor air suction near the inlet.
- Places with horizontal surface and rich air circulation

⚠ WARNING

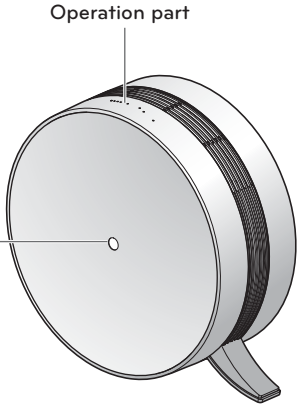
If Air Purifier is installed in transportations (vehicle/vessel, etc.), there may be a problem with the product, so do not install in transportations.

Use Air Purifier as follows.

- During the cooking of the food with severe odor such as fish, reduce the use of Air Purifier if possible.
  - The oil emitted during the cooking may influence the performance or life of the filter, and odor may smear into the filter.
- When you sleep, maintain at least 1 m from the Air Purifier.
  - Air purifier fan speed is not strong, after fallen asleep would feel cold.
- Do not place in the corner edge.
  - Avoid to install at places surrounded by furniture, appliances etc. or in the edge corner. Install in the edge corner may cause difficulty to purify indoor air.

NAME OF EACH PART

Front



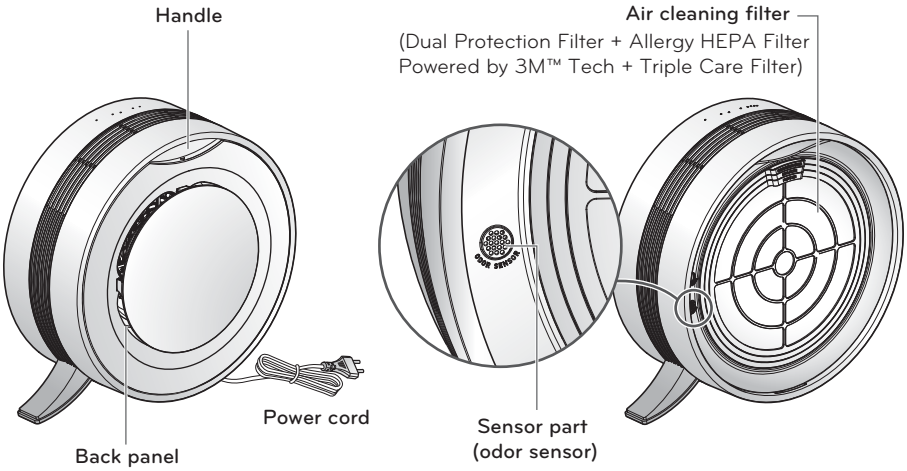
Cleanness indicator lamp

It is the lamp indicating the cleanness of the indoor air. It displays the cleanness according to the indoor cleanness detected by the odor sensor.

- **Indicator**
  (Contaminated) Red → Orange → Yellow → Green (Clean)

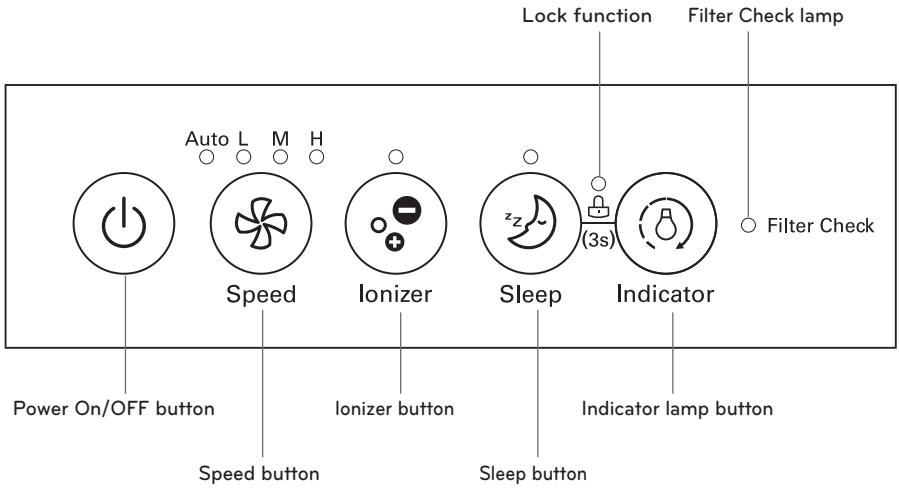
* After the start of the operation, during the sensor stabilization period (2 minutes), Indicator lamp blinks in white color. After the stabilization, indoor cleanness is displayed.
(The Indicator displayed for each product may be different according to the initial detection value.)

Backside



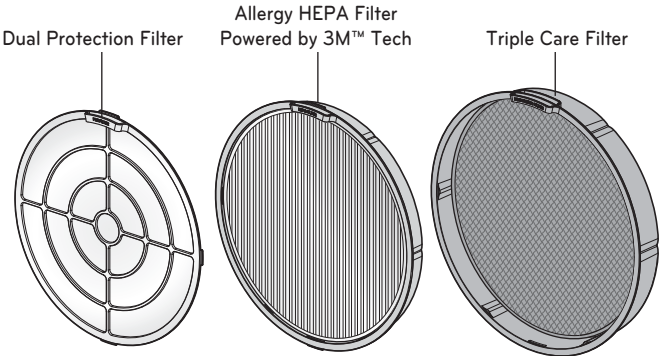
※ Shape of the power cord can be different by country

Operation indicator part and control part



Power On/OFF button	It is used to start and stop the product operation.
Speed button	It controls the wind amount.
Ionizer button	It generates anion to remove various bacteria in the indoor air.
Sleep button	It controls wind amount for good night's sleep, and displays and Indicator lamp other than Sleep LED will be turned off.
Indicator lamp button	You can control ON/OFF of the Indicator lamp.
Lock function	You can enter/reset by pressing the Sleep button and the Indicator lamp button together for 3 seconds.
Filter Check lamp	When the Filter Check lamp is turned on, check the contamination status of the filter, and if the contamination is severe, clean or replace the filter.

Filter system

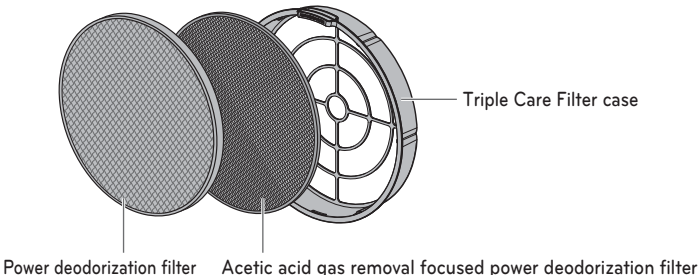


Filter name	Function
Dual Protection Filter	It removes big dusts to prolong the life of the Allergy HEPA Filter Powered by 3M™ Tech.
Allergy HEPA Filter Powered by 3M™ Tech	It removes the fine particles such as dead tick, pollen, cigarette smoke (particle), fine dust, mote, animal fur, etc. and performs strong sterilization against the bacteria in the indoor air.
Triple Care Filter	It is a comprehensive deodorization filter that removes cigarette smoke (odor), residential waste odor, animal fur odor, NO_2 rest room odor, alkali & acidic odor, and volatile organic compound (VOCs).

※ The replacement cycle of the Triple Care Filter and Allergy HEPA Filter Powered by 3M™ Tech may be different according to the usage environment.

※ During the replacement, filter case is not enclosed. Do not throw it away.

※ Tow Triple Care Filters compose one set. Assemble so that the thin acetic acid gas removal focused power deodorization filter to be located at the bottom of the case.



NOTE

- If you request filter cleaning to the service center, we will clean it with a charge for actual cost.

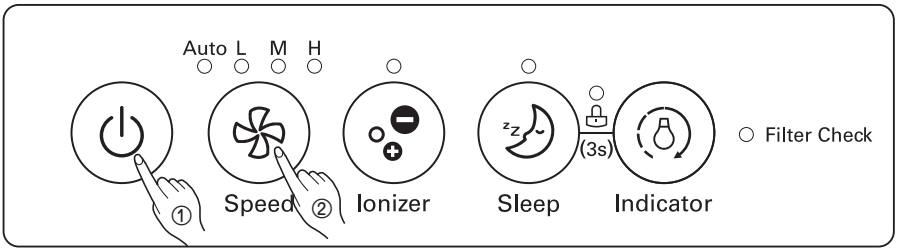
USAGE METHOD

Air cleaning operation

It purifies the indoor air with clean and fresh air.

1 Press Power On/OFF button.
- With the buzzer sound, it starts the operation with the operation mode indicator LED and Indicator lamp turned on.

2 Push the Speed button to select the desired wind amount.
- You can press Speed to sequentially set automatic → Low → Mid → High → automatic.
- It is set to automatic at the initial operation. (In automatic operation mode, wind amount is automatically controlled according to the contamination level of the indoor air.)



- After the start of the operation, during the sensor stabilization period (2 minutes), Indicator lamp blinks in white color. After the stabilization, indoor cleanness is displayed.

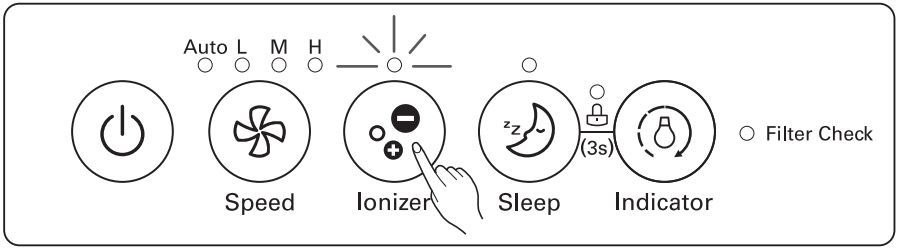
Colors according to the cleanness
(Contaminated) Red → Orange → Yellow → Green (Clean)

Ionizer operation

It emits anion to remove various bacteria.

1 Press Power On/OFF button.

2 Press Ionizer button.
- Every time you press the button, it changes in the order of Ionizer → reset function → Ionizer.





① Ion Cluster creation by combination of polarity of the water molecules in the air

② Sterilization ion surrounds various harmful material

③ Weak OH (hydroxyl) generation by each chemical reaction

④ Reaction of hydroxyl (OH) to the harmful material

⑤ Clean air with harmful material removed

Sleep operation

It provides quiet indoor atmosphere during the sleep.

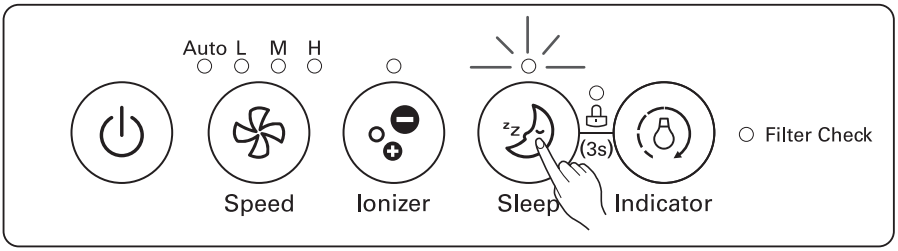
1 Press Power On/OFF button.

2 Press Sleep button.
- It becomes low noise state for the sleeping.
- When it is in Sleep, only the Sleep indicator is turned on.
- For a good night's sleep, the Indicator lamp is turned off.

3 Select Speed in Sleep
- If you press the Sleep button, it is automatically set, and it operates as weak wind for the first 1 hour, and the Speed is controlled according to the cleanness afterwards.
- Every time you press Speed button in Sleep.
- You can sequentially set automatic → weak → medium → strong.

4 How to reset Sleep: Press Sleep button one more time.

* Also in Sleep, you can additionally set Indicator lamp and Ionizer function.

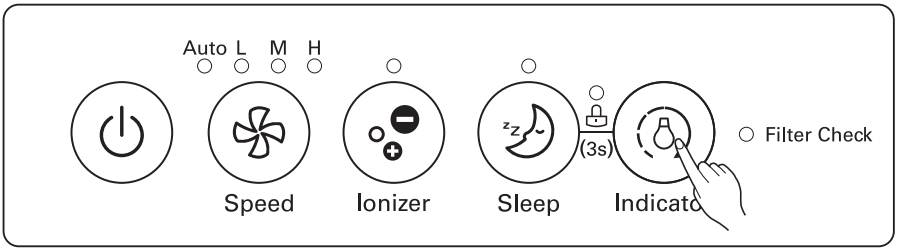


Indicator lamp

1 Press Power On/OFF button.

2 Press Indicator lamp button.
- It sets On/Off of the Indicator lamp.

* When Sleep is set, Indicator lamp is turned off. In Sleep, you can set/reset Indicator lamp with the Indicator lamp button.

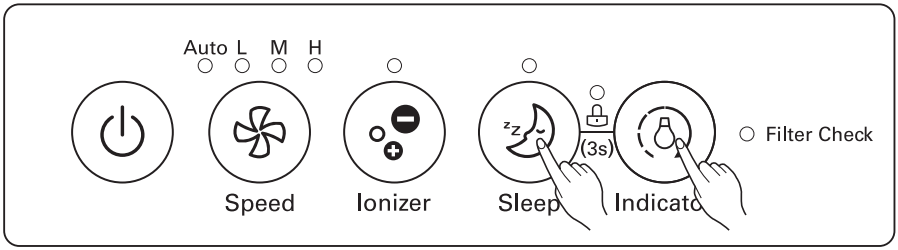


Lock Function

1 Press Power On/OFF button.

2 Press Sleep button and Indicator lamp button together for 3 seconds.
- You can protect the product from the unwanted operation by children or by other causes.
- When you reset the function, press Sleep button and Indicator lamp button together for 3 seconds or longer once again.
- When the product operation button is not working, check the lock indicator in the operation part, and reset the lock setting.
- If you pull out the power plug in lock setting status, the lock setting is reset.

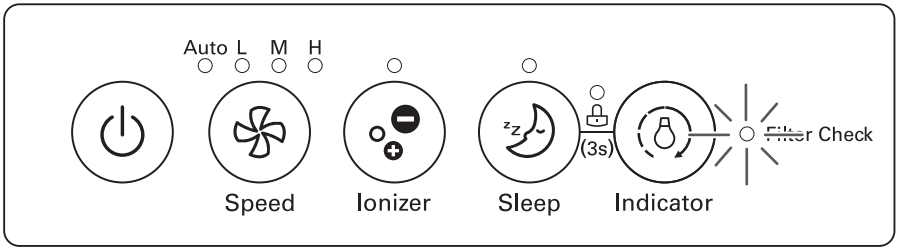
* In a stopped state, you can set lock/unlock function by pressing Sleep button and Indicator lamp button together for 3 seconds.



Filter Check lamp

1 When the Filter Check lamp is turned on, turn off the power of the product in operation by pressing Power On/OFF button, and separate the power plug from the socket.

2 Open the backside panel of the product to check the filter, and if it is contaminated, clean or replace the filter. For filter cleaning and replacement, refer to page 24.



< Filter Check and initialization method (How to turn off the Filter Check lamp) >

Method 1. Separate the power cord from the socket.

Method 2. Press Ionizer button and Indicator lamp button together for 3 seconds or longer.

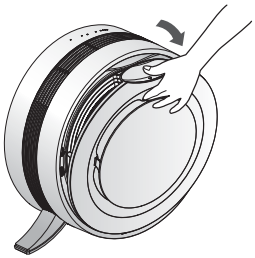
* If it passes 24 hours, Filter Check lamp is automatically turned off, so replace the filter in time.

INSTALLATION METHOD

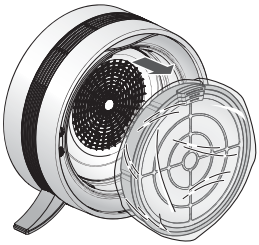
How to install the filter before using it

Remove vinyl packaging of the filter before using it.

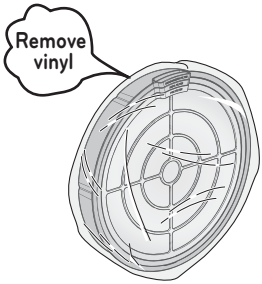
1 Pull and open the backside panel.



2 Separate the filter from the main unit.



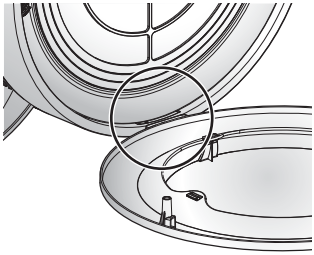
3 Remove the vinyl packaging of the filter.



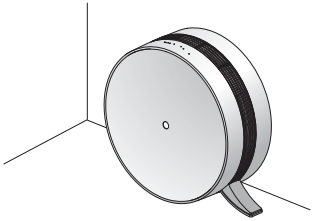
4 Mount the filter with the vinyl packaging removed on the main unit.



5 Mount the filter by matching the backside panel to the bottom part.



6 Use the product on a flat place without obstacles.

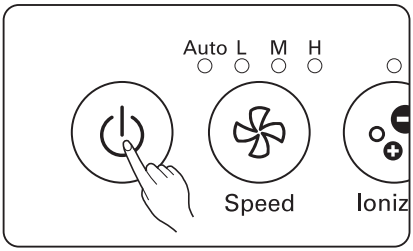


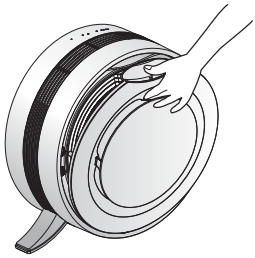
CAUTION

- If the vinyl packaging of the filter is not removed, air will not come out from the product.

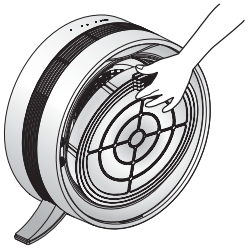
CLEANING METHOD

1 If the product is in operation, press Power On/OFF button to turn off the power. Separate the power plug from the socket.

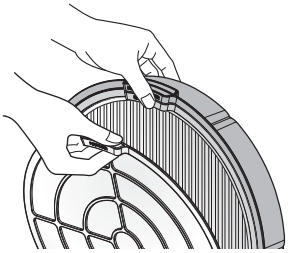




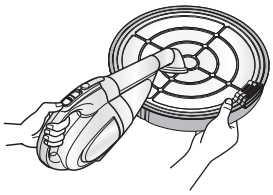
2 Pull the filter handle to separate from the main unit.
- There may be a lot of dust in the filter net.
  Before separating the filter set, move the filter to a place for easy cleaning.

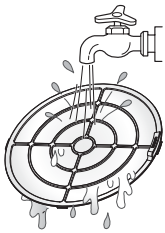


3 Grab the filter case and pull and separate the filter case while pressing the orange Dual Protection Filter handle downward.



* The dust on the Dual Protection Filter may fall, so place newspaper, etc. underneath it. Clean the Dual Protection Filter with a vacuum cleaner or brush, etc., and if the contamination is severe, wash with water. Do not force to separate the Dual Protection Filter with a lot of sticking dust, but wash it after removing the big dust with home vacuum cleaner first.

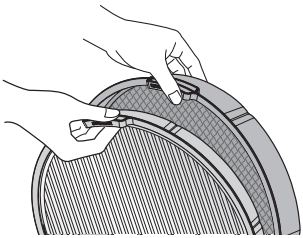


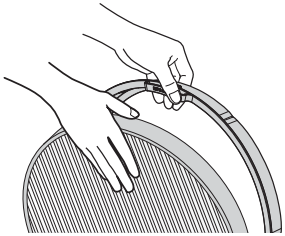


- Completely dry the washed Dual Protection Filter in a shadow.
- If it is used without completely drying it, it may cause odor.

* Do not wash Allergy HEPA Filter Powered by 3M™ Tech and Triple Care Filter with water, but it needs to be replaced when it is severely contaminated. Be careful not to have filter touch water while using the product.
* The Filter Check cycle may be different according to the usage environment.

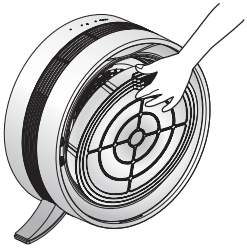
4 Please separate the Allergy HEPA Filter Powered by 3M™ Tech. (During the Filter Check)



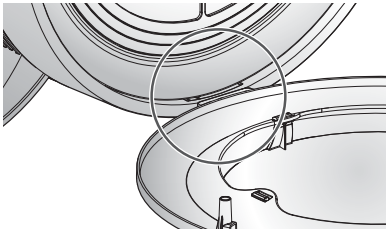


5 Separate the Triple Care Filter. (During the Filter Check)
- There are two Triple Care Filters. When you replace the filter, mount the thin acetic acid removal exclusive power deodorization filter inside the filter case.
- If the two types of power deodorization filters are not mounted, it causes performance degradation.

6 After cleaning and Filter Check, assemble the filter in the reverse order and insert so that the filter handle is located at the top of the product.

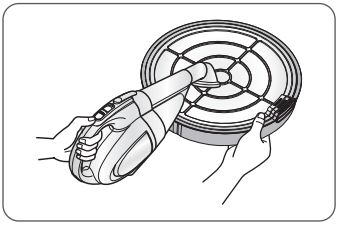


7 Mount the backside cover by matching to the bottom part.



How to clean various filters

Filter types	Classification	Cleaning cycle	Cleaning Method	
Dual Protection Filter	For washing	About 1 month cycle cleaning	Clean the Dual Protection Filter with a vacuum cleaner or brush, etc., and if the contamination is severe, wash with water.	Refer to Figure 1
Allergy HEPA Filter Powered by 3M™ Tech	For replacement	About 12 months cycle replacement	* The replacement cycle for Allergy HEPA Filter Powered by 3M™ Tech and Triple Care Filter may be different according to the usage environment.	
Triple Care Filter				



<Figure 1>

Exterior Cleaning Method

Soak soft cloth in a warm water, squeeze it, and wipe the Air Purifier. Especially, dust may be accumulated near the air suction inlet. Please clean it periodically.

⚠ CAUTION

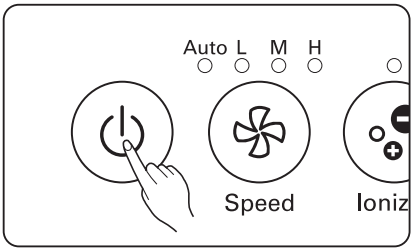
- Do not wipe the main unit operation part and display part with alkali detergent.
- Do not wipe the surface of the Air Purifier using sulfuric acid, hydrochloric acid, or organic solvent (thinner, lamp oil, etc.) or attach sticker, etc. on it. It may damage the surface.
- Wipe with soft cloth during the cleaning. It may damage the exterior by scratch, etc.
- Do not let water enter the product during the cleaning. During the cleaning, make sure to stop the product and pull out the power plug. (Make sure to check whether the fan is moving.)

STORAGE METHOD

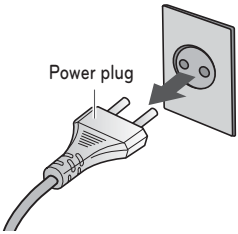
Storage method

If the product is not used for a long period of time, store it in a shadow without moisture.

After operating the Air Purifier in a sunny day for 1 hour or more, and stop the operation by pressing Power On/OFF button.



Pull out the power plug.



Separate the filter from the product, seal it well with vinyl, etc., and store at a cool place without direct sunlight.

- If the filter is stored in a moist place in a rainy season, etc., it causes odor generation.



Thoroughly clean the Air Purifier main unit and store it well. When it is stored for a long period of time, carefully pack and store with vinyl cover, etc. so that dust or foreign object may not enter inside the product.

- Wipe with soft cloth during the cleaning. It may damage the exterior by scratch, etc.
- Store at a cool place avoiding the direct sunlight.



Do not store at a place with a lot of moisture or or exposed to direct sunlight.

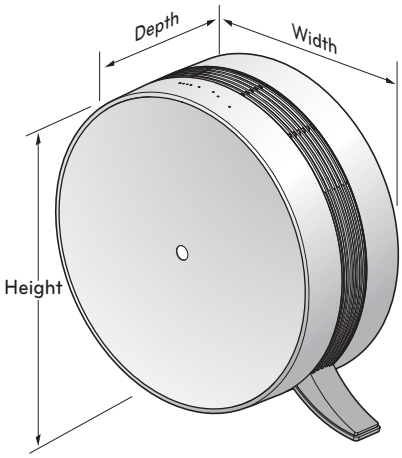
- It causes odor generation, deformation, malfunction, etc.

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.	• Isn't the power plug pulled out? • Isn't the voltage too low?	• Insert correctly into the socket. • Check if it is 220-240 V.
Wind amount is small and there is a noise.	• Is the Dual Protection Filter clogged? • Is dust accumulated on the ultra fine dust filter?	• Clean the Dual Protection Filter. • Replace the ultra fine dust filter.
Air purification does not work well	• Is the indoor contamination severe? • Is dust accumulated on the ultra fine dust filter? • Is dust accumulated on the ultra fine dust filter? • Isn't the usage place too wide? • Are there obstacles nearby? • Is the product installed in a corner?	• Ventilate first before usage. • Clean the Dual Protection Filter. • Replace the ultra fine dust 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.	• Is it used at a place with a lot of smoke or odor? • Is there abnormal odor from the Triple Care Filter?	• The air cleaning function may be degraded where there are a lot of smoke or odor. Please use the Air Purifier after ventilation. • Please replace the Triple Care Filter.
There is an odor, but the Indicator lamp does not change.	• Isn't red light turned on in the Indicator lamp?	• Indicator lamp indicates the cleanness through the odor sensor. Odor sensor may not respond to food odor since it is a sensor detecting contamination gas. But the odor is removed by the deodorization filter.
The Indicator lamp is continuously on with red color.	• Doesn't the color change even if it is moved to a clean room? • Did you use spray near the Air Purifier?	• 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.	• Is the lock lamp on the operation part turned on?	• Push Sleep · Indicator lamp button for 3 sec. to reset the lock setting.

PRODUCT SPECIFICATION



Model name	PS-V219 series
Power	220-240 V~ 50 Hz
Product weight	6.9 kg
Exterior dimension (mm)	470(width) × 450(height) × 200(depth)
Power consumption	20 W


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