

AIR PURIFIER

OWNER'S MANUAL

PS-S200 Series

- Read before using product (safty instruction), use properly.
- About ensuring users' safety and property.
- Product warranty card is enclosed with the user manual.
- After careful read through the user manual, do keep it in a handy place.



P/No.: MFL31040019

The advantages are

It's grateful to use our LG air purifier.

After reading through this manual, using this product for a long-term would be safe and convenient.

Water cleaning filter system without worrying about maintenance cost

- Don't worry when the filter gets dirty. You can wash the filter with water and reuse it.

High class interior design

- High class reinforced glass design is applied.

Reduced noise and wider coverage

- The product maintains the minimum noise to help you get a better sleep.

One touch filter part that is easy to clean

- With the convenient filter attach/detachment system, you can directly check the condition of the filter at a glance.

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Before Use

During Use

After Use

Cautions for Safety

The following precautions related to safety marked as follows are to prevent unexpected danger or damage by safely and accurately using the product.

Warning / Caution



This is the symbol to get attention focused for the details and operations that can cause any type of danger. To prevent any danger, observe carefully and follow the directions appropriately.



WARNING

If not followed, it can cause death or major injury to the user.



CAUTIONS

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

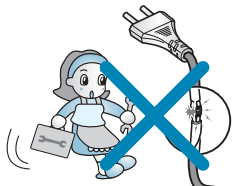
Cautions for Safety

! Warning

Installation

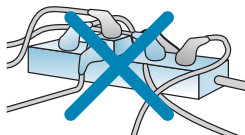
Do not change or extend power cords at random.

Otherwise, it may cause fire or electrical shock.



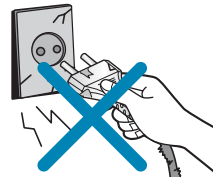
Never use an octopus feet-type of socket.

Unreasonable use of power may cause fire or electrical shock.



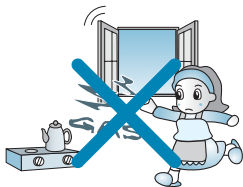
Never use the damaged or loose power cords.

Otherwise, it may cause fire or electrical shock.



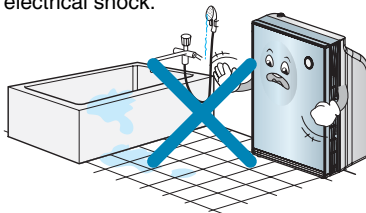
Open the window for air ventilation before operating the air purifier when gas leaks.

Otherwise, it may cause explosion, fire and physical injury.



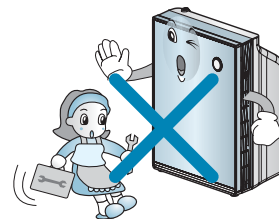
Do not use the product a place where there are much moistures or oils such as toilet, bathroom or washing room.

Otherwise, it may cause fire or electrical shock.



Do not disassemble or repair the product at random.

It will cause fire and electrical shock.



Cautions for Safety

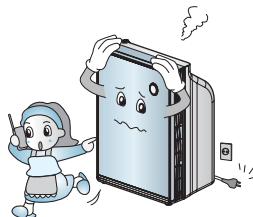
Don't keep and use combustible gas, flammable substance around the product.

Otherwise, it may cause fire and failure of product.



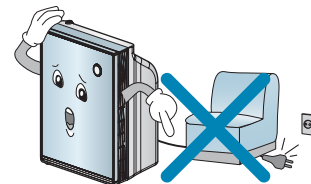
If abnormal noise comes or smell or smoke emits from the product, pull the power plugs out and call our service center.

Otherwise, it may cause fire or electrical shock.



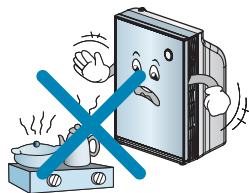
Don't put heavy things on power cords or take care so that they should not be pressed under the product.

Otherwise, it may cause fire or electrical shock.



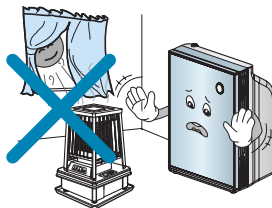
Do not lay fire appliances around the product.

Otherwise, it may cause fire.



Keep this product out of the direct rays of the sun, heating source and moisture.

Otherwise, it may cause electric shock, fire or failure of product.

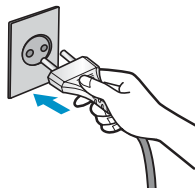


Cautions for Safety

Operation

Securely insert power plugs to the end so that they should not shake.

Incomplete connection may cause fire.



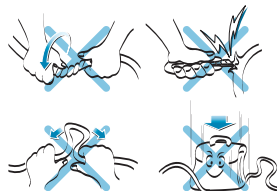
Pull power plugs by grasping the head and never touch with power plugs with the wet hands.

Otherwise, it may cause electrical shock or physical injury.



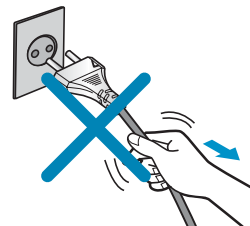
Never damage, process, forcibly bend, twist, pull, lay between gaps or heat power cords.

Damaged cords may cause fire and electrical shock.



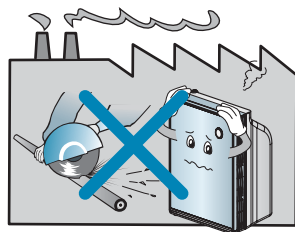
Do not hold the power cable to pull out the power plug.

May cause fire or electric shock.



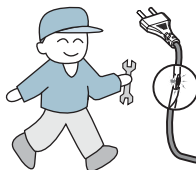
Do not install a place where there are much industrial Oil dust or metallic dust.

If may cause fire and failure of product.



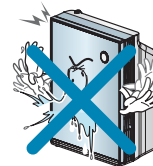
When the power cord is damaged, it should be repaired by the qualified person to prevent any risk.

Otherwise, it may cause electric shock, fire or failure of product.



Take care that water could not run into the product.

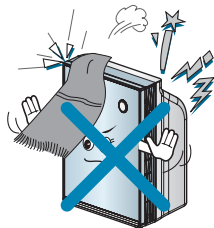
Otherwise, it may cause electrical shock or fire.



Cautions for Safety

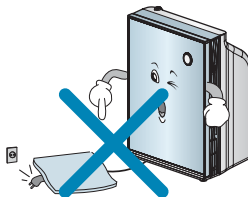
Do not lay obstacles around the product.

Otherwise, it may cause failure.



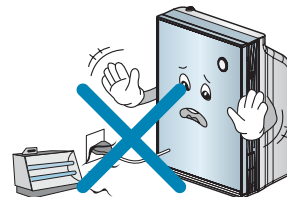
Do not cover with a rug, cushion etc over power cords.

Power cords may be damaged and result in fire and electrical shock in case of putting heavy things on in the manner power cords cannot be seen.



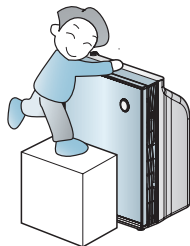
Do not use thermal appliances near power cords.

Otherwise, it may cause fire or electrical shock.



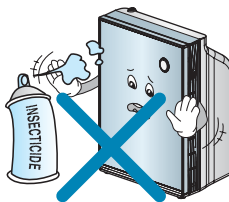
Do not allow children to climb up this product.

May cause the breakdown, injury.



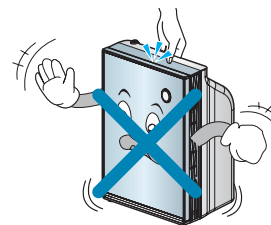
Do not sprinkle in insecticide or hair spray.

It may cause damage or accident.



Do not use this product when is in moving.

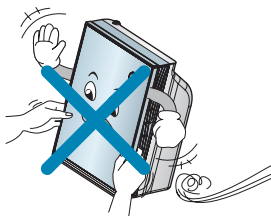
May cause fire or electric shock or damage to some parts of the product.



Cautions for Safety

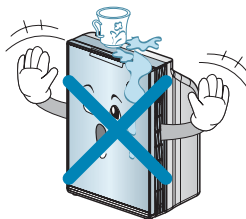
Do not move the product by hold the front-panel.

May cause electric shock or damage to some parts of the product.



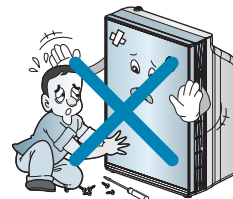
Do not put coffee or all types of beverage on the air discharge outlet.

Otherwise, it may cause fire or electrical shock.



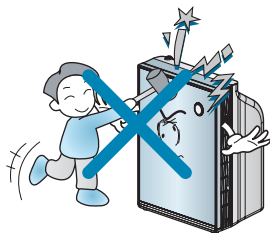
Contact with the service center for repairing the product.

Any arbitrary disconnection or repairing may cause electric shock or fire.



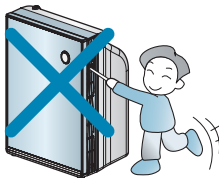
Do not put pressure on the front glass.

It can cause injury and product damage or cause electric shock.



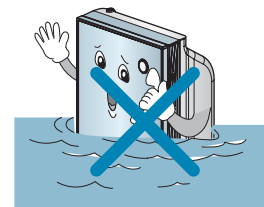
Do not insert the hands or bars into the suction inlet or the outlet.

Otherwise, it may cause failure of product or physical injury.



If the product is submersed in the water, you must contact the service center.

It can cause electric shock or fire.

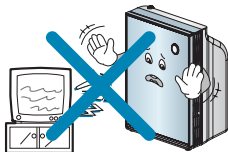


Cautions for Safety

! Cautions

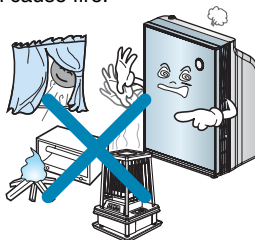
Installation

Maintain distance of more than 1m when installing the product near TV or audio.

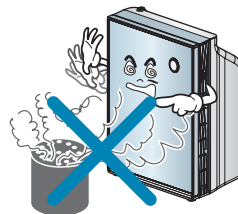


Avoid a place near fire arms or heating devices or subject to direct sunlight.

It will cause fire.



Do not use the product for removing toxic gas as CO.
Otherwise, it may cause failure.



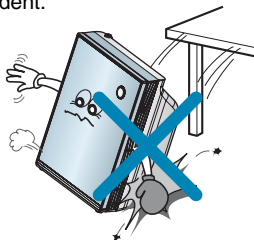
Do not use the product as ventilation fan or range hood at the kitchen.

It may cause shorten the lifetime of the product.

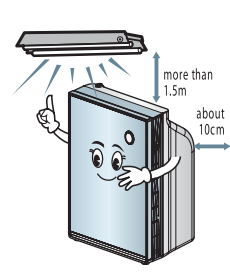


Install the product at a flat place and do not fall the product down or give shock.

Otherwise, it may cause damage or accident.



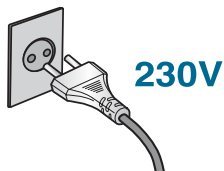
Maintain distance over 1.5m for illumination devices and maintain distance 10cm or so.



Cautions for Safety

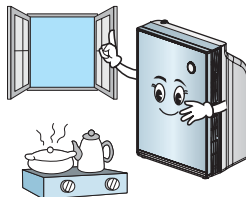
Do not use except AC 230V.

Otherwise, it may cause fire or electrical shock.



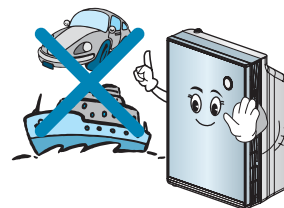
When using the product with a burner within the airtight room, sometimes let fresh air into the room.

Some toxic substances such as carbon dioxide may not be removed.



Do not install the air purifier on the transportation vehicle (car, ship etc.).

It may cause failure.



Cautions for Safety

Operation

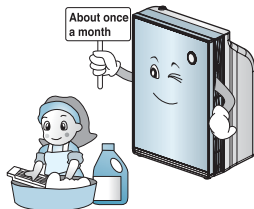
Do not use the product for special purpose such as animals or vegetables, precision machine or conservation of art articles.

Otherwise, it may cause damage of property.



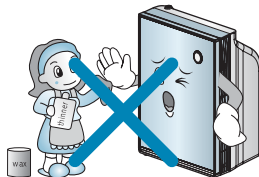
Use the filter securely inserted, and clean the filter about once a month.

Otherwise, it may cause failure.



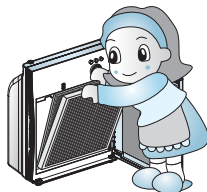
Don't use strong detergent like solvent, etc but use a soft cloth.

Otherwise, fire or distortion of the product may occur.



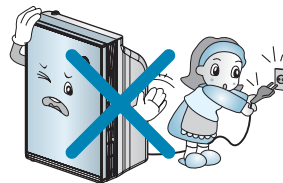
Secure all filters and regularly clean them.

Otherwise, it may cause failure of product.



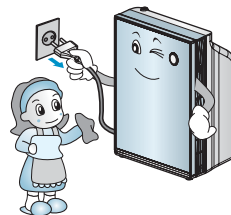
Never operate or stop the product while inserting or removing power plugs.

Otherwise, it may cause electrical shock or fire.



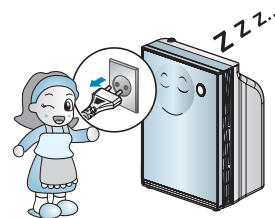
Start cleaning after turning off the power and when the fan stops.

It can cause electric shock or injury.



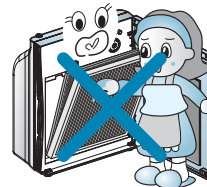
Pull power plugs out when not using the product for a long time.

Otherwise, it may cause failure of product or fire.



Do not touch the filter part with wet hands.

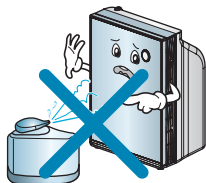
The cleaning filter part, especially, is dangerous to cause electric shock from high voltage.



Cautions for Safety

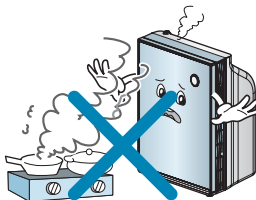
Do not let the moisture from the humidifier directly touch the product.

Otherwise, it may cause electric shock, fire or failure of product.



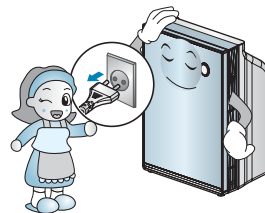
Do not use this product as ventilating fan or so.

It may cause shorten the lifetime of the product.



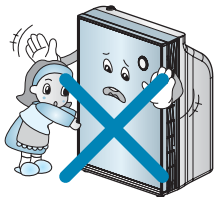
Pull power plugs out for cleaning.

Otherwise, it may cause fire and electrical shock.



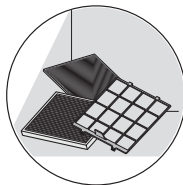
Do not open the front panel during the operation of the product.

Opening the front panel stops the operation.



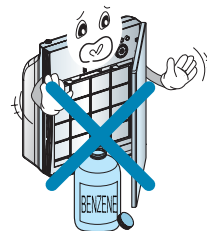
Wash the washing filter and dry it completely in the shade.

Otherwise, it may cause failure.



Do not insert any inflammable into the product.

Otherwise, it may cause fire or failure of product.



Installation

Installation location selection

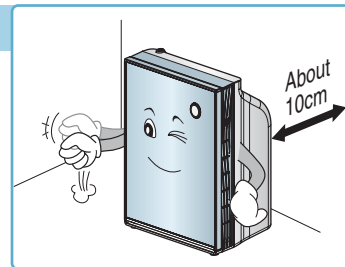
Main unit

- Where it is easy to connect the power (Close location to the power outlet).
- Where there is no obstacle that interferes with the suction of the indoor air near the air inlet.
- Where the floor is flat and air circulates well.



Warning

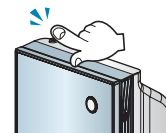
Do not install the air cleaner on the transportation vehicle (car/ship etc.), because it can cause problems to the product.



Air Purifier Start Guide

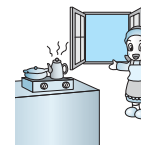
Turn off air purifier when cleaning.

- Cleaning the air purifier with opened windows would disturb the natural air circulation to cause intake too much particles, it may shorten the filter life. After complete cleaning process with enough air circulation, close the windows, turn on the air purifier is the appropriate way to purify air.



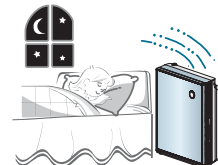
Use after enough air circulation when cooking

- When roast meat or fishes, remove the smell by air purifier is not appropriate. The oil particle will block cells on filter, it may cause filter life shorten or filter polluting etc. negative effects. Under this circumstance enough air circulation is necessary. Remove leftover odors by air purifier after no oil particle is the correct and effective way to use product in long-term scale.



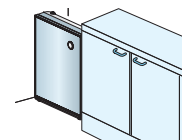
Do not stay too closed when sleeping.

- Air purifier fan speed is not strong, before fallen asleep feel cool, after fallen asleep would feel cold. The appropriate way is to keep at least 1 meter distance with air purifier.



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 from the rest space.



Ensure air circulate 30 minutes at least everyday.

- For those families use the air purifier, air circulation is the prerequisite to ensure enough oxygen supply. Ensure air circulation 30 minutes at least everyday could brings fresh air inflow. Keep opposite windows open may gain a better result for air circulation. In case of being lazy may weaken air refreshing function, therefore it is necessary to ensure clean and maintenance.



Name of Each Part

Mainframe

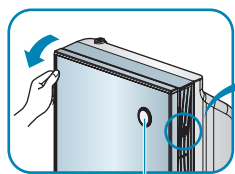
Power button

This is the button to connect the power to the product, and when the power button is not pressed, the product will not operate.

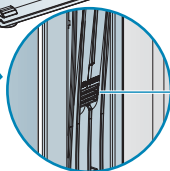
Pre-filter

Power plug

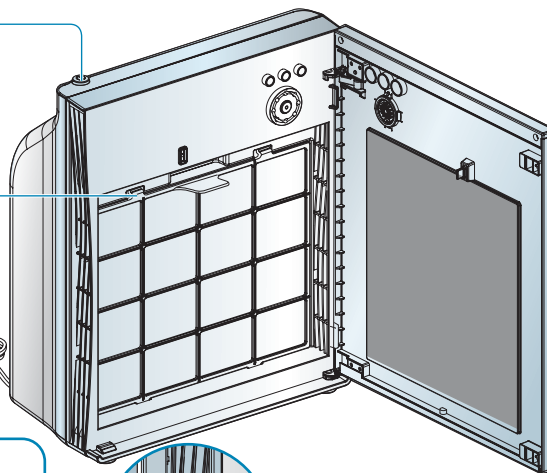
Front panel



Operation button

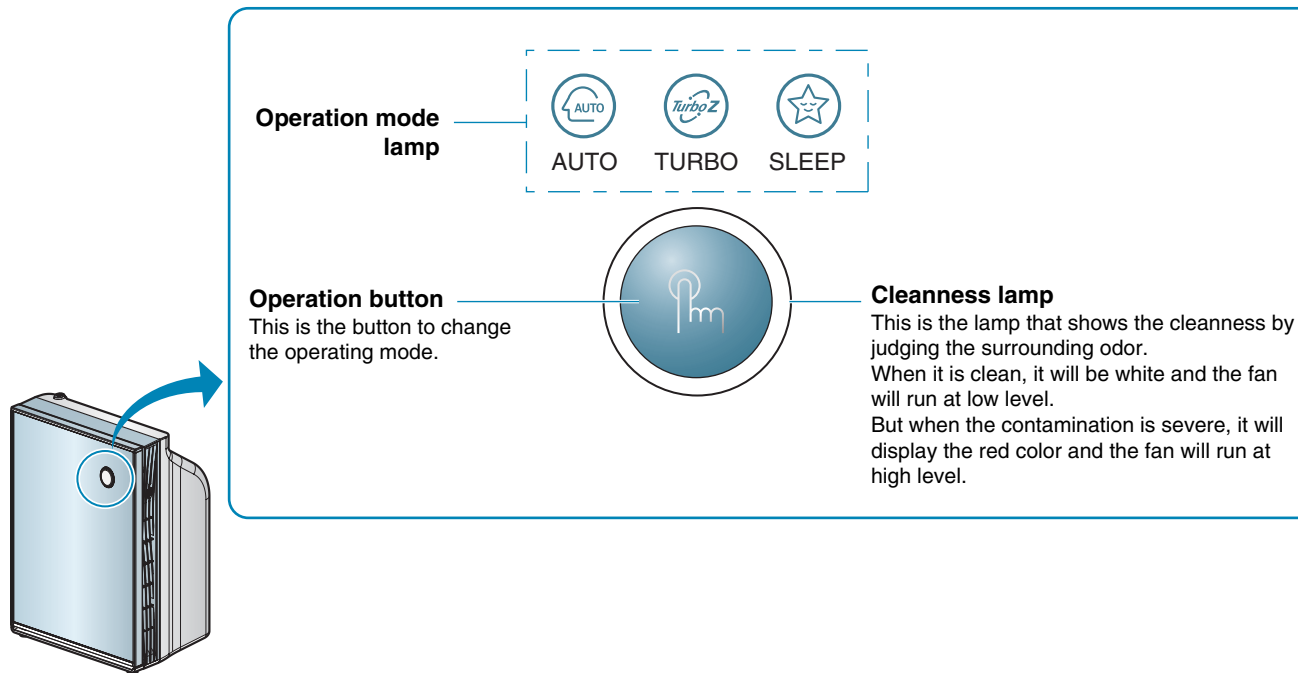


Deodorizer sensor part

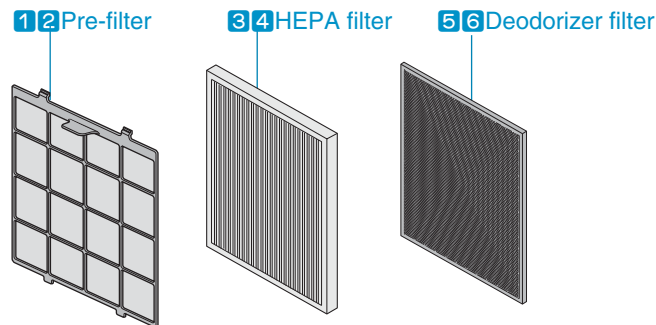


Name of Each Part

Operation display panel and control panel



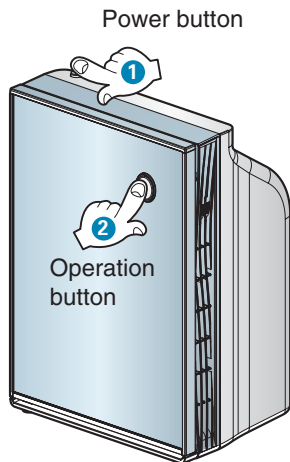
Name of Each Part



Filter system(This is the introduction of only the filter part.)

Filter name		Function	Cleaning and replacement frequency
Nano silver antibacterial Pre-filter	1 Nano silver antibacterial 2 Big dust removal filter	This filter enables 2 roles of antibacterial process and removal of large dust particles with only one filter to extent the washing frequency of the washable filter.	Clean frequency of about 1 month
HEPA filter	3 Nano silver antibacterial 4 Washable HEPA filter	The washable HEPA filter removes the minute dust particles including dead ticks, flower powder, cigarette smoke (particle), minute dust, minute particle, floating fungus, animal fur etc.	Clean frequency of about 6 months
Deodorizer filter	5 Antibacterial mesh 6 Washable deodorizer filter	This removes the smell of animal fur, NO ₄ , bathroom smell, alkali & acid smell, volatile oil compound (VOCs).	Clean frequency of about 6 months

Operation



Air Purifying Operation This cleans the indoor with clean and fresh air.

1 Press the Power button.

- With a “DI-RI-LIN” sound, the operation mode lamp and cleanness lamp will both be on to run the operation. (Refer to the “preparatory operation” item below.)
- Fresh air will flow from the top air outlet.
- During the first operation, it is set for auto operation.

2 When the Power button is pressed but the product is turned off, use the Operation button to turn on the unit.

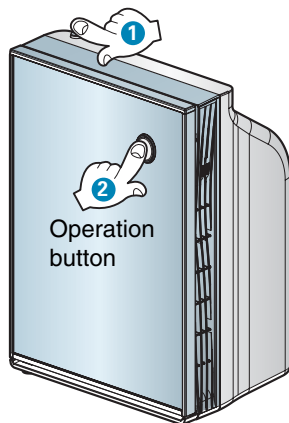
What is ‘preparatory operation’?

The pre operation is to stabilize the sensors initially during the initial 2 minutes of operation.

During this time, the sensor will not operate and the color of the cleanness lamp will not change.

Operation

Power button

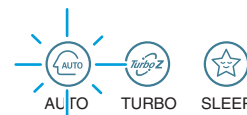


Auto Mode The air cleaner automatically operates at optimal fan level.

1 Press the Power button.

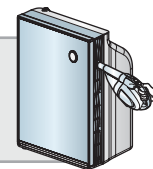
2 Select Auto Mode.

- When you press the Operation button, it will switch in the order of AUTO → TURBO → SLEEP → STOP repeatedly.
- The fan level is automatically adjusted according to the contamination level of indoor air.
- When the air is clean, the cleanness lamp will be displayed white and the fan level will be low.
When the air is severely contaminated, the cleanness lamp will be displayed in white and the fan level will be high.



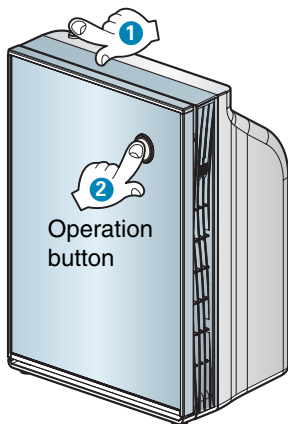
How to clean the odor sensor air inlet part

Clean the odor sensor of the air inlet part of dust with a soft brush or a vacuum cleaner once every 6 months.
When cleaning the sensor, make sure the dust does not fall into the unit.



Operation

Power button



Operation button

Turbo Mode The air cleaner automatically operates at maximum fan level.

1 Press the Power button.

2 Select Turbo Mode.

- When you press the Operation button, it will switch in the order of AUTO → TURBO → SLEEP → STOP repeatedly.



Sleep Mode This provides a quiet indoor atmosphere during sleep.

1 Press the power button.

2 Select Sleep Mode.

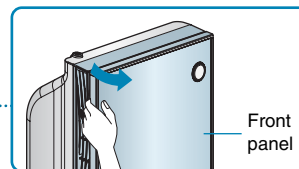
- When you press the Operation button, it will switch in the order of AUTO → TURBO → SLEEP → STOP repeatedly.
- The cleanness lamp will be turned off after 3 seconds of sleep operation.



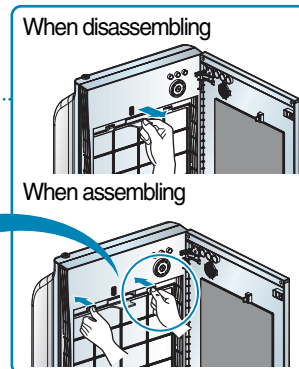
Filter Cleaning

- Clean the Pre-filter about once a month.

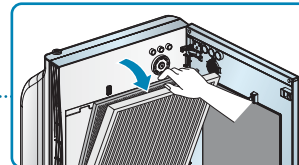
- 1** During operation, always turn off the power.
Pull the front panel to the front to open it.



- 2** Pull the handle at the center of the Pre-filter to disassemble from the main body.
(Push the left latch and the right latch to assemble.)



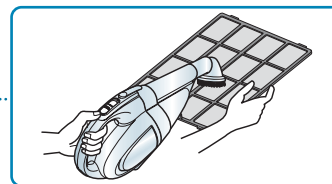
- 3** Pull the HEPA filter and deodorizer filter to the front to separate from the main unit.



Filter Cleaning

4 Clean the Pre-filter with a vacuum cleaner or a soft brush. (Clean the filter every a month.)

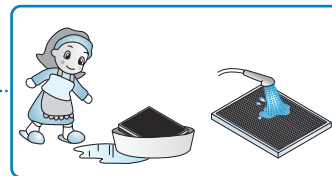
Clean the Pre-filter with a vacuum cleaner or a soft brush, and when the contamination is severe, use a neutral detergent and water to clean it off.



5 Soak the washable HEPA and Deodorizer filter in clean water for 1 hour and use the shower to clean it off.

After cleaning the washable HEPA and deodorizer filter in water, completely dry them outdoors for a full day.

Do not use hot water of 40°C or higher or volatile liquid.



Filter type	Cleaning frequency
Pre-filter	Clean frequency of about 1 month
Washable HEPA filter	Clean frequency of about 6 months
Washable deodorizer filter	Clean frequency of about 6 months



Caution

- For safety reasons, unplug the power before cleaning the unit.
- After washing the parts in water, completely dry it off until there is no moisture. (Moisture on the parts can cause problems.)
- If the contamination is too severe and cannot be cleaned, replace the filter.
- If the filter is not completely dried after cleaning the filter, it can cause an odor. Therefore completely dry the filter before using it again.
- Do not rub the filter with your hand.

Exterior clean and storage method

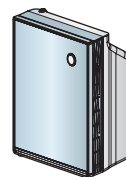
Exterior Cleaning Method

Soak a soft cloth in warm water and fully squeeze the water out to wipe the air cleaner. Especially, dust can be accumulated near the air inlet. Periodically clean the unit.



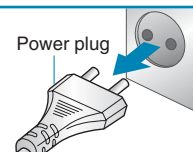
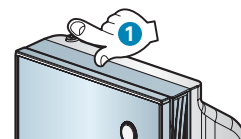
Caution

- Do not use alkali detergent for the control and display panel of the main unit.
- Do not use sulphuric acid, hydrochloric or solvent (thinner, kerosene etc.) on the surface of the air cleaner or put stickers on the surface. It can damage the surface.
- When cleaning the main unit, wipe with a soft cloth. It can scratch or damage the surface of the exterior.



Storage method

- 1 Operate the air cleaner for more than 1 hour on a clear day and then press the Power button to stop the operation.**
- 2 Unplug the power cord.**
- 3 Clean the main unit of the air cleaner and then store it in a safe location. Cover the product with a plastic cover so that dust or any other particles don't get inside the product when stored for a long period of time.**



Confirming Items Before Reporting Defect

When there is a problem with the product, check the following details before requesting to the service center.

Symptom	Confirmation	Procedures
The operation does not work at all.	• Is the power plug unplugged?	• Plug the power properly.
	• Is the fuse disconnected?	• Request service to the LG Electronics Service Center.
	• Is the power shut down?	• Re-operate the product after the power is reconnected.
	• Is the front panel open?	• When the front panel is open, the product will not operate. Close the front panel properly.
	• Is the Power button pressed?	• Press the Power button.
The fan level is low and generates a lot of noise.	• Is the Pre-filter clogged?	• Clean the Pre-filter well.
	• Is there dust accumulated on the HEPA filter?	• Clean the HEPA filter.
The air is not cleaned well.	• Is the indoor contamination severe?	• Ventilate the area to use the product.
	• Are there many particles on the Pre-filter?	• Clean the Pre-filter.
	• Are there many particles on the washable HEPA filter?	• Wash with clean water. (Do not use hot water of 40°C or higher or volatile liquid.) When drying the filter, avoid fire or direct sunlight and sufficiently dry it in the shades.
	• Is the using location too spacey?	• Use the product that fits the room size. (Avoid using it where it is ventilated well such as entrance, window etc.)
	• Are there any obstacles near the product?	• Remove any obstacles.
	• Is the unit installed at a location where air flows freely?	• Move and install at a different location.

Confirming Items Before Reporting Defect

Symptom	Confirmation	Procedures
There is a weird smell from the air outlet.	• Are you using the product where there is smoke or odor?	• The air cleaning function can deteriorate in locations where there is a lot of smoke or odor. Ventilate the space and then use the air cleaner.
	• Are you using the product where there is a food smell?	• For the food smell, it can be penetrated to the filter. Ventilate the space and then use the air cleaner.
	• Did you completely dry the washable HEPA filter?	• If you use the washable filter without completely drying it, it can generate a weird smell. Therefore dry the filter completely before using it again.
The sensor display panel is not working properly.	• Is the sensor working properly?	• LG Air Cleaner odor sensor is the sensor to detect the contaminated gas and sometimes may not react to the food smell (Korean food such as Kimchi, soybean paste, Chunggukjang etc.). But the smell will be deodorized by the deodorizer filter.

Product Specification

For the reason of enhancing product quality, this product exterior, design, specification may differ relatively.

Model Name	PS-S200 Series
Power Supply	Single Phase 230V, 50Hz
Effective Space	20 m ²
Weight of Product	7.2 kg
Appearance Size(mm)	372 (W) X 463 (H) X 199 (D)
Power consumption	18 W



Printed in Korea