



Air Purifier

A&S 300

PREMIUM

User manual



AIR ET SANTÉ
www.air-et-sante.fr

Dear customer

AIR ET SANTÉ would like to thank you for the trust you place in its air purifiers. As all our attention is focused on your complete satisfaction, here are a few tips for use.

Your A&S 300 is optimal for purifying an area of about 80 m². It has 6 filtration stages:



- 1 Pre filter** : captures the smallest particles and protects the HEPA filter.
 - 2 Medical grade HEPA filter**: 99.95% efficient on particles larger than or equal to 0.1 μm (PM2.5).
 - 3 Activated carbon filter**: fixes and retains gaseous pollutants (volatile organic compounds).
 - 4 Catalysis & photocatalysis**: transforms pollutants into carbon dioxide and water steam.
 - 5 Photocatalysis and UV**: UV lamps activate titanium dioxide and degrade pollutants into carbon dioxide and water steams.
 - 6 Negative ions**: charged (-) they aggregate with pollutants (+) and cause them to fall to the ground.
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- Your purifier can be used continuously; in this case we recommend that you leave it in automatic mode, its particle detector will then control its operation completely independently.
- Your purifier can be used in manual mode, so you can set it to high fan power to quickly purify the air in your room, and then set it back to automatic mode.

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Safety Advice

- This air purifier model is not suitable for industrial environments.
- Make sure to install the air purifier on a flat and stable surface. Leave at least 20 centimeters of space around it so that the air can circulate properly.
- Do not use your air purifier in humid, dusty environments, near heat sources or near flammable products or materials.
- Do not touch your air purifier with wet hands and do not allow any liquids to get into it.
- Never cover your air purifier. Never block any part of the air inlet and outlet vents.
- If you plan to stop the appliance for a long period of time, turn it off and unplug it.
- Before maintenance, cleaning or performing any other work on your air purifier, disconnect the power supply.
- If you are unsure whether your air purifier is working properly, unplug it before carrying out any other work.
- The warranty will be invalidated if it is used improperly or if safety rules are not followed.

Precautions before first use

- Place your air purifier on a flat and stable surface so that the air can circulate easily (minimum 20 cm all around).
- Do not place your air purifier behind curtains, under a window, under furniture, on a shelf, or near any other obstacle that may affect its proper functioning.
- Check the condition of the power outlet to which you wish to connect your air purifier.
- Your air purifier is not suitable for humid rooms such as bathrooms.
- Your air purifier does not replace a kitchen hood.

Quick start

- Place the purifier on a dry and level surface, make sure the unit is stable.
- Plug in the power supply, the unit goes into standby mode, an orange light on the control panel lights up.
- Press ON/OFF, the fan starts, the air quality indicator lights up and a number appears as well as the dashboard lights.
- The unit is set to automatic mode: the air purifier analyzes the air quality and adjusts its operation, the numbers on the air quality indicator decrease until the lowest level of fine particles is reached.
- Thanks to its dust sensor, the purifier will automatically regulate its operation depending on the air quality.

Command explanation

Each time a function is activated, the corresponding light on the control panel lights up.



ON/OFF: turns the unit on and off.



Function: allows to activate with successive presses the ionizer function, the photocatalysis function or both functions together.



Fan Speed: Allows the fan power to be adjusted (4 speeds).



Filter replacement indicator.



Timer: the unit automatically adjusts its operation to the ambient air quality. The timer can be set to 1h, 4h, 8h. The power supply turns off when the time has elapsed.



Reset:

- activates night/silent function: the appliance automatically switches to low speed, switches off the air quality indicator light and deactivates the dust sensor.
- enables to reset you have changed the filter.
- switches off the beeping alarm of the filter wear.



Mode: allows automatic or manual use of the air purifier.



Sensor: adjusts the brightness of the machine to the ambient light.



Air quality indicator: the color and numbers indicate the ambient air quality.

Colors	Numbers	Quality
Blue	0 to 25	Excellent
Blue	25 to 50	Acceptable
Green	50 to 100	Poor
Purple	100 to 150	Wrong
Red	150 to 500	Very bad

Regular maintenance

- To extend the lifespan of your filters and to ensure optimal functioning of your air purifier, it is advised to periodically vacuum the pre-filter (first grid). The interior of the unit and the grids should be cleaned at regular intervals.
- To keep the particle sensor working properly, clean it regularly with a cotton cloth.

Cleaning the particle detector

The detector's room should be cleaned from time to time with a cotton cloth, first humid and then dry, to absorb the remaining moisture. Around every two months depending on your environment.

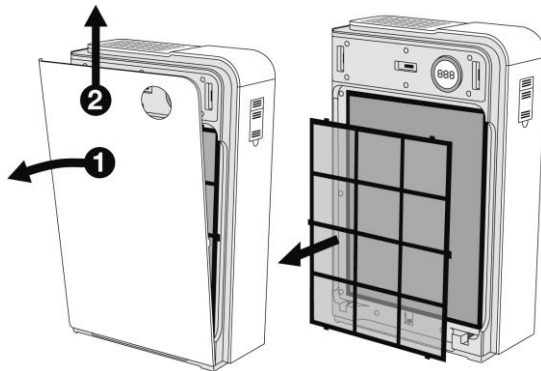
Filter replacement

The filters should be replaced when the change indicator on the control panel flashes. This will depend on your environment and usage frequency, usually within 6 to 12 months.

The filter set is made of a single block containing the HEPA filter, the activated carbon filter, and the photocatalytic grid. Changing it is therefore quite easy.

How to replace the filters?

- Before doing any maintenance or cleaning on your air purifier, make sure to turn off the unit and disconnect the power plug.
- Make sure you are in a ventilated room and that your hands are not wet.
- To ensure the optimal performance of your air purifier, we encourage you to use only original filters. You can order them on www.air-et-sante.fr.
- Before you start replacing the filters, please make sure that you have the correct filters for your unit.



- 1- Open the front cover according to the illustration.
- 2- Remove the "pre-filter" and then remove the used filter block from its place.
- 3- Remove the new filter block from its protective bag and put it in place.
- 4- Put the pre-filter in place and hear the click.
- 5- Put the front cover in place, making sure that the safety lock on the front base of the purifier is properly in place.
- 6- Plug in the electrical outlet.
- 7- Press the **Reset** button for 5 seconds.

Safety precautions: we recommend that you protect yourself during this operation, by wearing a surgical mask and washing your hands well after the procedure.

UV lamps replacement

The lamps are in their slots, behind the filter block.

Carefully remove the old lamps and insert the new ones.

For more information, visit www.air-et-sante.fr.

Malfunctions

For any questions that are not covered in this manual, a dedicated service is available via our website at: www.air-et-sante.fr

The appliance does not start:

Verify the power supply.

The volume of air produced seems low:

Verify the cleanliness of the filters.

Make sure that the plastic protection films of the filters have been removed.

The air quality is not improving, despite a long running time:

Replace the filters.

After closing the cover, the purifier will not start again:

Verify that the safety system on the inside of the cover is properly connected.

A small alarm sounds and the filter replacement light flashes:

Replace the filter and press the Reset button.

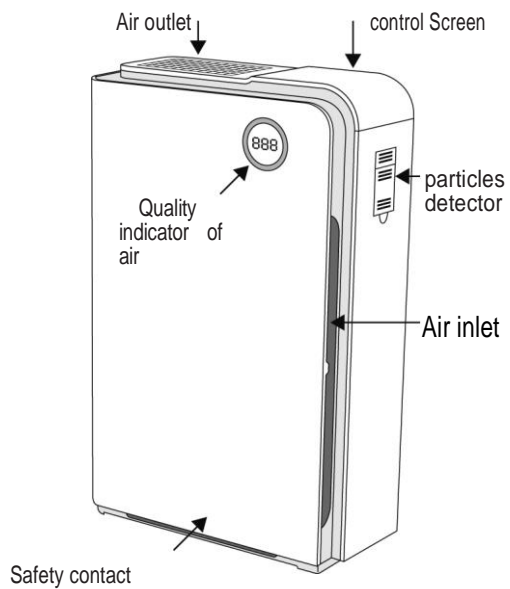
Recycling

What to do with used filters?

When the filters are no longer in use, they do not present any danger to the inhabitants of the household or to the environment. However, when replacing them, it is preferable to put them in a garbage bag and tie it up tightly before throwing it with the regular garbage.

Recycling program AIR ET SANTÉ

Concerned about the environment, AIR ET SANTÉ ensures the recycling of the machines when they reach their life cycle. You will find on our website all the useful information to guarantee the optimal recycling of your machine.



Health

Poor air quality affects your health.

We spend 80% of our time indoors (at home, at work...) where the air is up to 9 times more polluted than outside.

Poor air quality can cause symptoms such as headaches, fatigue, nose, throat and skin irritation, dizziness as well as allergic reactions and asthma.

In 30 years, the number of allergies has tripled, and the number of asthmatics has quadrupled reaching 20 to 25% of the population.

There are about 28,000 new cases of illnesses (asthma, rhinitis) per year linked to poor indoor air quality.

To contact us :

Phone number : + 33 (0)9 72 64 67 16 from 9h00 to 18h00.

Email : support@air-and-health.com

www.air-et-sante.fr

www.air-and-health.com

Technical specifications

A&S-300 Air purifier

Dimensions:

Width 406 mm 406 mm
Depth 188 mm 188 mm
Height 625 mm 625 mm
Weight 8.9 kg 8,9 kg

Power supply V~240 V 50HZ

Power consumption 55 W

Noise level (dB):

High58
Medium30
Low 18

Ventilation power:

Highde 5,8 à 6,8 m/s
Mediumde 3,5 à 4,5 m/s
Lowde 3,5 à 4,5 m/s

Maximum surface treated80 m²
CADR320 m³/h (for PM2.5)



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