



AIRVIA AERO 100 AIR PURIFIER

A VERSATILE, ALL-IN-ONE PURIFIER

The **AIRVIA AERO 100 air purifier** can treat an area of up to 100 m². It has been designed to adapt to all situations thanks to five speed levels as well as to all profiles, individuals and professionals alike. It is perfectly silent in speed 1, as if in night mode, but will surprise you with its power of up to 500m³/h in speed 5.

It was designed as a versatile, all-in-one device with a broad spectrum of action. It targets air quality as a whole. Its design is inspired by the aeronautical world and its filtration technologies come from the medical world. This is our original model, the one on which AIRVIA Medical has built its brand.

APPLICATIONS :

- Houses or apartments
- Room
- Offices
- Medical offices
- Dental offices
- Pharmacies
- Hospital
- Schools, and nurseries

INNOVATIVE DESIGN WITH A 360° AIR INTAKE

Our products are the first ever built with a 360° cylindrical air intake. Thanks to its cylindrical shape, it is able to draw in air from all around without being simply limited to one direction (as is the case with air purifiers that use a monofocal air intake).

The AIRVIA AERO 100 air purifier is therefore capable of much more efficiently mixing and cleaning the air in your entire space.



OPTIMISED AIR CIRCULATION



Purified air is discharged vertically by our air purifier. Combined with our 360° air intake, this naturally generates air circulation while preventing it from drawing air that was just cleaned back in. Vertically projecting the air towards the ceiling is also the best way to ensure an optimal redistribution of the air. This clever air flow solution was designed for better efficiency: the more efficiently the air circulates, the more quickly and thoroughly it can be processed.

Is the indicator light on the Remote Control Display green? You're in the clear! Thanks to its "Automatic" mode, our air purifier can adjust its speed in real time depending on the pollution level. This guarantees the best possible purification without wasting any electricity.

SWIFT AND EFFICIENT PURIFICATION

Not only does the AERO 100 combine all of the best filtration technologies on the market in one device, it does so without compromising its power. In fact, its CADR (Clean Air Delivery Rate) of 503.1m³/h is **one of the very best on the market**. The CADR measures the volume of air cleaned by a device in a given time and is the benchmark to judge the efficiency of an air purifier. One may ask: how is it possible to combine multiple filters, power, and low electricity consumption? Simply because it is a high-end product designed and built to the highest standards while also being directly inspired by aircraft turbines.



SAY GOODBYE TO FINE PARTICLES THANKS TO IONIZATION

Ionization is the diffusion of negative ions in the air. These ions are naturally attracted to fine particles and many pollutants, including the infamous PM 2.5 and even PM 0.1. They will either disintegrate these toxic particles or cause them to fall to the ground, thereby protecting your lungs. AIRVIA Medical uses a unique technology with an unrivalled power of **20 million pcs/cm³** at the output.

This technology helps fight all the fine particles which not only contaminate the air but also lodge themselves in the alveoli of your lungs: tobacco smoke, car pollution, particles produced by the burning of incense and candles, bacteria, and viruses, among others. The ionization function can be easily activated or deactivated as desired.

PHOTOCATALYSIS AND UV STERILIZATION

You probably understood this by now: AIRVIA Medical's philosophy is to use **all the best technologies** to allow you to breathe better. Photocatalysis breaks down VOCs, pollutants, and other microorganisms through a redox reaction.

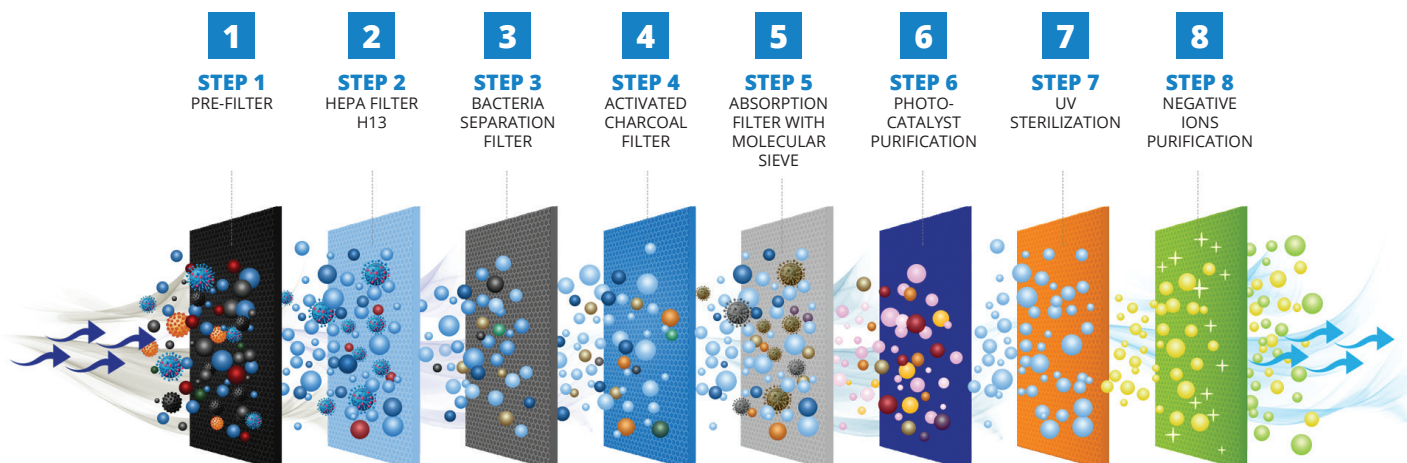
Our device also relies on two natural sterilization processes: UV rays (via a lamp) and lysozyme. UV is a method known for its extreme germicidal efficacy. As for "lysozyme", it is an enzyme which "lyses" (destroys) bacteria. Both UV and photocatalysis can be activated and deactivated at will.



AN ADVANCED H13 HEPA FILTER

Our HEPA filter combines high performance (H13 certified) and natural materials since it is made partly of bamboo fibre. Concretely, this means that it filters at least 99.97% of particles with a diameter greater than or equal to 0.3 μm in a single pass. And this is just one of the filter layers we use! Say goodbye to pollens, mould, dust, mites, and more.

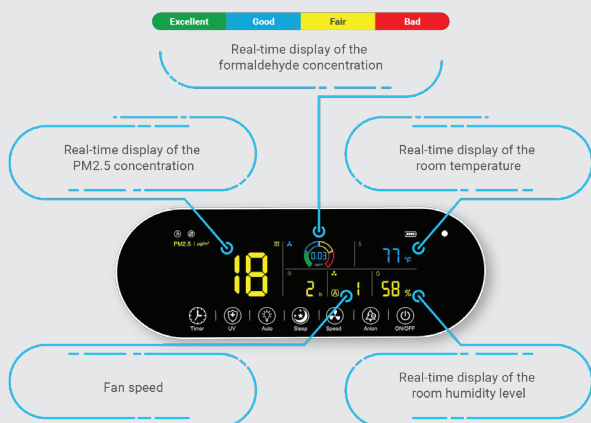
The pre-filter is available separately depending on your needs



FULL CONTROL OVER YOUR AIR QUALITY

Our autonomous Remote Control Display allows you to **check the quality of your air** wherever you place it. First and foremost it helps you better understand the type and rate of pollution in your space. Is the indicator light green? You can breathe in peace. Did it turn to yellow or red? Let our "Automatic" mode accelerate the fan speed and protect your health. The Remote Control Display also gives you the humidity and temperature of your room, along with the rate of chemical pollution (formaldehyde concentration). Its sensors analyse the ambient air at all times.

Real-time monitoring of the concentration of chemical pollutants



OUR SILENT MODE PROVIDES YOU WITH A PURIFIED AND QUIET SPACE

When in «Night» mode, the AERO 100 air purifier continues to clean your air while saving energy. The device is perfectly silent and keeps its lights turned off, which is ideal for both sleeping well and breathing well. Our devices have five different speeds, a feature that allows you to adjust the rate of purification according to your situation.



TECHNICAL CHARACTERISTICS



Product Model	AIRVIA AERO 100
Reference Number	AERO100
Colour	White & Black
Range of Action	Up to 1000 ft² (100 m²)
Particle CADR	From 60 to 503.1 m³/h depending on the speed
Formaldehyde CADR	From 19.3 to 162.2 m³/h depending on the speed
Particle CCM	P4 (highest possible grade)
Formaldehyde CCM	F4 (highest possible grade)
Negative Ion Density	20 million pcs/cm³
Input Voltage & Frequency	AC220V - 50Hz
Wattage	<ul style="list-style-type: none"> • Speed 1 : 10,1W • Speed 2 : 13,5W • Speed 3 : 19,2W • Speed 4 : 35,8W • Speed 5 : 56,8W
Fan Speeds	1-2-3-4-5 (5 levels)
Noise Level (decibels)	<ul style="list-style-type: none"> • Night mode = silent (< 30 dB) • Speed 1 = silent (< 30 dB) • Speed 2 = 41dB • Speed 3 = 50dB • Speed 4 = 62dB • Speed 5 = 68dB
Product Size	31,25 x 62,7 cm (diameter x height)
Net Weight	9,4 kg
Multi-Layer Filter	Weight: 2.2 kg. (Inner diameter x Outer diameter x Height : 15,5 x 26,0 x 39,0 cm)
Filter Composition	Pre-filter + Bamboo Fibre and Lysozyme + HEPA H13 Filter + Activated Charcoal + Photocatalysis
Lifespan of filter	12 months
Purification Functions (in addition to filter)	<ul style="list-style-type: none"> • Ionization (20 million pc/cm³) • UV sterilisation (UVC lamp - 254nm)
Remote Control Display	Real-time digital display
Remote Control Display Sensors	<ul style="list-style-type: none"> • Fine particles sensor (PM2.5) • Chemical pollution sensor (HCHO) • Temperature and Humidity sensors
Air Quality Indicator	Excellent : Green Good : Blue Fair : Yellow Bad : Red
Warranty	<ul style="list-style-type: none"> • 30-day «Money-back guarantee» return policy • 5-year Limited Warranty



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