

AEROTRONIC

AIR PURIFIER





CASADA
medical

Three different variations

AEROTRONIC

Our pioneering technology of air purification is recommended for hospitals, offices, restaurants, hotels, schools and private homes.

	SPECIFICATIONS		
Model:	AEROTRONIC 600	AEROTRONIC 460	AEROTRONIC 360
Item:	CRF-042	CRF-041	CRF-040
Rated voltage:	100 ~ 240V	100 ~ 240V	100 ~ 240V
Rated frequency:	50/60 Hz	50/60 Hz	50/60 Hz
CADR:	600m ³ /h	460m ³ /h	360m ³ /h
Ozon:	10ppb	10ppb	10ppb
Noise (max.):	25db	25db	25db
Rated power:	35W	35W	20W
Weight netto:	31 kg	21,5 kg	14,5 kg
Dimension:	43,5 * 26 *92 cm	36,5 * 24 *78,5 cm	36,5 * 24 *60,5 cm
Coverage (max.):	100 sqm	60 sqm	40 sqm
Certificates:			



*** 7-Stage filter technology**

*6-Stage for AEROTRONIC 360



Washable filters none expensively consumable parts



Filter accuracy up to 0.001 microns



*** Coverage up to 100 m2**

*up to 60 m2 for AEROTRONIC 460 and up to 40 m2 for AEROTRONIC 360



Medical grade aluminium case



Low noise with 25 decibel

Casada
medical



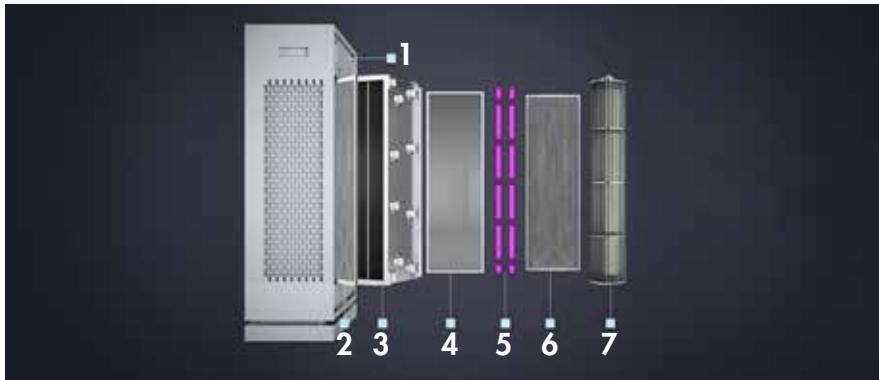
Brushless low noise motor

Durable and reliable. Equipped with a large rotational distance, acoustic mechanisms and components with low heat generation, this motor has a particularly long service life.

The Future in Air Purification Technology

Destroys coronavirus and other harmful pathogens

Aerotronic air purifiers – developed by experts and engineers. The Aerotronic team is passionate about developing innovative technologies, with a focus on hospital quality air purifiers for private use.



- | | |
|---|-----------------------------------|
| 1 Build-in high voltage plasma | 5 LED-UV-Lamp |
| 2 Primary Filter | 6 Photocatalytic net |
| 3 Two-Zone electrostatic ion box | 7 Silent carbon filter fan |
| 4 O-zone decomposition network | |



Cleans 20x more than HEPA Filters

Removal of ultra-fine particles down to an amazing 0.001µm



0.3 µm
Particle size that
HEPA purifier filters



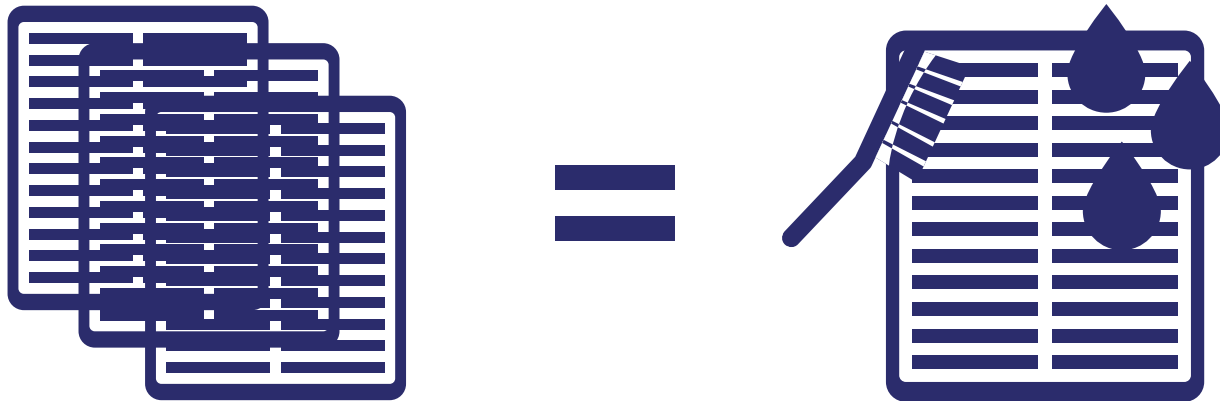
0.1 µm
Size of the novel
coronavirus (COVID-19)



0.001 µm
Particle size that
Aerotrionic filters

Washable & Reusable filters

Air purifier with no consumable material

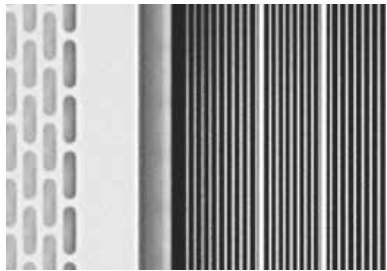


Equipped with reusable high-performance filters in medical quality
No need to buy expensive HEPA filters every 3-6 months
Saving money, with long-lasting reusable filters



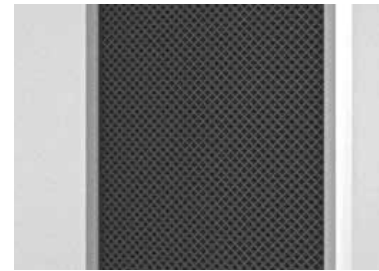
Filter Technology

In addition to traditional ionic technology, our process has proven to be the most effective air purification solution on the market. The Aerotronic from our company offers a disposal-free air purifier variant. Thanks to the unique ion field, 99.99% of viruses and bio-aerosols are effectively destroyed and removed.



01 The primary filter screen

A stainless steel mesh that filters mainly particles with a size of 10 micrometers and more.



03 Ozone depletion filter grid

This filter breaks down excess ozone that is harmful to humans. It also eliminates unpleasant odors and keeps the air indoors fresh and clean.



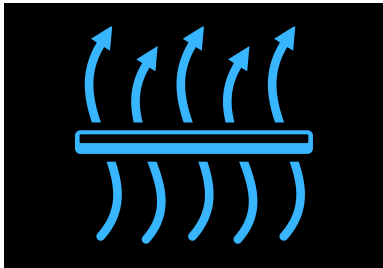
02 Two-zone ion field

This filter creates an electric field that destroys harmful particles that could potentially get trapped in our lungs. Such particles can be PM2.5 dust particles, viruses and bacteria. Electrostatic charges caused by high voltage destroy these particles.



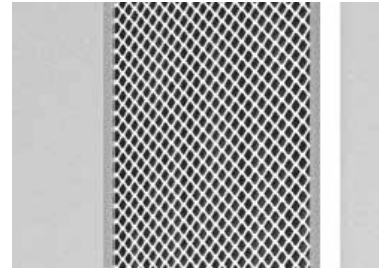
04 LED UV LAMP

Double ultraviolet wavelength irradiation breaks the RNA and DNA of bacteria and other microorganisms so that they lose their ability to multiply and survive, thus achieving the goal of sterilization.



05 Photocatalytic filter

These UV filters can effectively eliminate viruses, bacteria, fungi and other microorganisms harmful to humans. Effectively breaks down volatile organic compounds as well as formaldehyde and toluene.



07 Activated carbon filter

This filter is very absorbent and has a large surface area. It is characterized by a fast absorption and desorption rate.



06 High-voltage plasma field

In this field, 20,000 to 40,000 volts are generated. This can effectively kill viruses and bacteria. Compared to conventional electrostatic disinfection, this technology is 8 times better.

REMOVES EFFECTIVELY



Viruses



Fungus



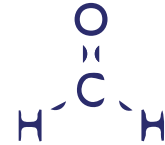
Germs



Pollen



Dust



Formaldehyde

99.99%

Entfernt schädliche Rauchgase, Viren und Bio-Aerosole in Innenräumen. PM2,5 und ultra-feine Partikel bis hinunter zu 0,001µm sowie sämtliche flüchtige organische Substanzen.



Mite



Dander



PM 2,5



Smoke



TVOCs



Odor

HIGHLIGHTS



Ultrafine particles

Removes ultra-fine particles down to 0.001µm! Compared to commercially available HEPA filters with a maximum filter performance of 0.3 µm, the AeroTronic cleans your indoor air up to 20 x more efficiently



Low noise

Optimized aerodynamic design and reduced airflow resistance.



Disposal-free

Washable and reusable filters.



Test procedure confirmed

The cleaning performance of our process has been rigorously tested and proven in authoritative test laboratories.



Simple operation

User-friendly functions.



Environmentally friendly

The absence of the use of non-degradable filters (HEPA) is a contribution to the preservation of the environment.



Smart mode

The control panel displays the Air Quality Index (AQI) and automatically adjusts the airflow rate according to the AQI values of the environment.



Ozone Safe

EPA compliant and ozone safe.

EXAMPLES



School



Old people's home



Hair stylist

EXAMPLES



Treatment room



Waiting areas



Medical offices

EXAMPLES



Office



Office



Homes



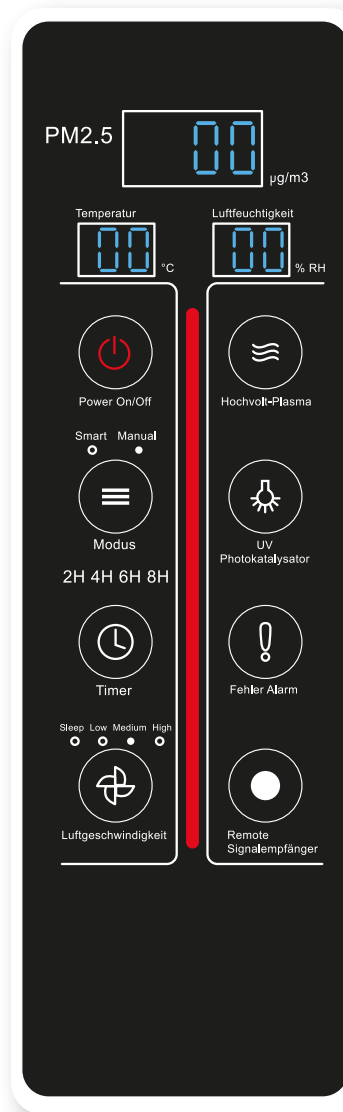
AEROTRONIC



 Excellent
air quality



 Good
air quality



 Bad
air quality

LCD Display Air quality index

On the LCD display of the Aerotronic air purifier, the current air quality is quickly recognizable with the help of a coloured traffic light system.



CASADA INTERNATIONAL GMBH

Obermeiers Feld 3 | 33104 Paderborn | www.casada.com | info@casada.com

Folge uns gerne auf Social Media:  [@casada.healthcare](https://www.instagram.com/casada.healthcare)  [Casada International GmbH](https://www.facebook.com/CasadaInternationalGmbH)