

# AirSanitizer

High efficiency Air Purifier





## HEALTHY INDOOR AIR

Where there are many people present in internal spaces at the same time, the air quality deteriorates within a short time due to the air we breathe out, perspiration and other emissions. Experts refer to this as **aerosol pollution**. These are microscopic particles that accumulate in the indoor air and can remain there for hours as so-called suspended particles. The polluted room air is proven to be an important transmission path for potentially pathogenic viruses, bacteria and spores.

The **corona pandemic** has brought the air quality in rooms into focus and the advice of experts is always: “ventilate, ventilate, ventilate!”

This can be done by **professional ventilation systems** which continuously bring fresh, unpolluted outdoor air into a room and at the same time remove the contaminated indoor air. Where such systems are not available, e.g. in private homes or schools, the importance of frequent ventilation by opening the windows is apparent.

But what if these actions are not enough or not possible because windows can only be opened slightly or cannot be opened at all? Or even if you simply want to offer to the occupants or guests more **security** and comfort through **optimal indoor air quality**?

## THE SOLUTION!

The Euroclima **AirSanitizer** recycles existing and contaminated air within a room or an internal space using **high performance filters** and immediately releases clean air back into the room or internal space.

For example, these types of device filters are used in hospitals. In this process, **99.95% of all viruses, bacteria and germs** are reliably filtered out from the air.

## APPLICATIONS

The Euroclima AirSanitizer offers a **high level of safety** against potentially pathogenic micro-organisms in places such as hotel lobby, classroom, restaurant, fitness room or open-space office. „Incidentally“ the device also filters fine **dust** from the room or internal spaces with the same **efficiency measuring 99.95%**.



Air filtration  
Air filtration system

## INSTALLATION AND COMMISSIONING

The Euroclima AirSanitizer is delivered „**plug & play**“ and can be installed directly and easily in the desired room.

It only needs to be connected to a normal household socket and the device should operate swiftly.

## THE DESIGN

The AirSanitizer is available in the two **versions S and M** and is suitable **for room sizes from 40 to 250 m<sup>2</sup>** (depending on the desired air exchange rate). The design of the Euroclima AirSanitizer is characterized compact and adaptable to spaces. The **smooth and robust surfaces** allow it to be installed in a wide variety of rooms and it's available with different colors and materials (Inox).

Due to this, the Euroclima AirSanitizer can be used for a **wide variety of visual purposes**: should it remain discreetly in the background - or can be a focal point. Your decision!

## THE OPERATION

There is one thing that makes the Euroclima AirSanitizer completely inconspicuous: its operation.

The Euroclima AirSanitizer is equipped with high-performance silencers and is therefore practically **inaudible** in operation. The unit is maintenance-free and only requires occasional filter changes.



## TECHNICAL INFORMATION

<b>Unit type</b>	Return-Air unit with high performance Filter-system and silencer
<b>Assembly</b>	Plug & Play (Ready to switch on)
<b>Dimension</b>	High 2003 mm x side 710 x 405 mm (S-Version) High 2307 mm x side 710 x 710 mm (M-Version)
<b>Unit configuration (from bottom up)</b>	ePM1-85% (F9) Pre-filter HEPA H13 Filter (HEPA H14 Filter optional) Silencer Fan Silencer Exhaust grill Coated Steel (optional INOX) Withe (RAL 9003) Other colors on request 135 kg (S-Version) 170 kg (M-Version) 230 V-1ph, 50 Hz 3 meter 104 Watt (S-Version at 1000 m <sup>3</sup> /h) 206 Watt (M-Version at 1500 m <sup>3</sup> /h) 1500 m <sup>3</sup> /h (S-Version) 2250 m <sup>3</sup> /h (M-Version) depending on the nominal air volume and room size 40db (A) Unit conform to VDI 6022 hygiene standard From 40 up to 150 m <sup>2</sup> (Depending on the desired air exchange rate) Pre-filter once a year HEPA-filter every 2 years Operating lamp (optional fault lamp) Included Fast clamping system On/Off counter, timer and motion detector optional
<b>Casing (outside)</b>	
<b>Standard color</b>	
<b>Special color</b>	
<b>Weight</b>	
<b>Currency</b>	
<b>Lenght of the cable</b>	
<b>Power</b>	
<b>Max. air volume</b>	
<b>Soundlevel</b>	
<b>Standard</b>	
<b>Siutable room size</b>	
<b>Maintanance (recommended)</b>	
<b>Control</b>	
<b>Tilt-Protection</b>	
<b>Filter exchange</b>	
<b>Service</b>	

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(work in progress)

## Euroclima product catalogues



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Due to its commitment of continuous product development and improvement, Euroclima reserves the right to change specifications without notice.

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We care for better air

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