



Laser Air Disinfecter

We care for clean air



A World first air disinfectant with Laser technology

Proven by independent laboratories



A highly efficient and uncompromising system for quick air disinfection through powerful purple and blue Laser beams.

Take a deep breath with us again

SOLUTIONS for 100% clean air

For all areas of application in which people come together

The keyword is photo inactivation

The laser destroys bacteria and other harmful microbes through the high energy absorption of two proteins such as porphyrin and flavin, which are present in every cell membrane. Using special lasers, we achieve an extremely high optical density at the wavelengths 450nm and 405nm, which destroy all kind of microorganism.

This system is based on two technologies. The first technology is artificially created cyclone as trapper for Bio-aerosols, viruses and bacteria and the second one is Photon-Mater interaction of high-power energy irradiated with laser from all sides for binding the proteins in all microorganisms.

The room air is monitored by Co2-sensors and reports when fresh air should be supplied to the room again. Depending on the size of the room, the air is continuously "processed" and neutralized of viruses.




Your advantage

In the fight against viruses & bacteria

We also offer if required
individual customer-related solutions

- 870m³/h Air circulation
- 10.000 Life time
- No filter change
- No ozone formation
- Co2-Sensor and W-LAN control

Should you have any questions on our exclusive range of client services, our professional team and customer service team would be delighted to assist you.



Fritz-Reichle-Ring 2
78315 Radolfzell

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The world's first air purifier with laser technology is called **eva**

We offer Laser Air Disinfector

In three versions
but with the same
power



eva ESSENTIAL

Panel control



eva ADVANCE

Remote control



eva SMART

W-LAN control
& Co2-Sensor



A wide range of designs



General Specifications of Laser-Air-Desinfector

eva Essential / Advanced / SMART

Power requirements	110V or 220 V AC@ 50/60 Hz	
Average laser Power	20.000-mW / dual wavelength @ 450nm and @405nm	
Laser safety classification	Class 1 to OStrV and TROS - 2006/EG Maschinen-RL	
Energy consumption	Max. Laser power and fan speeds 240 Watt	
Dimensions	High 110cm x 50 cm Diameter	
Total weight of System incl.	24 kg	
4 fan speed and	Air volume	Acoustical noise at max.
	Max 800 m³/h	58 dB(A)
	Best 400 m³/h	45 dB(A)
	Mid 320 m³/h	35 dB(A)
	Low 240 m³/h	22 dB(A)



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