

# AIR CLEANER V

ENSURE NOTICEABLY MORE SAFETY AND HYGIENE IN THE PASSENGER COMPARTMENT BY MEANS OF BIPOLAR IONIZATION.



The Air Cleaner V ensures safe, healthy air for your passengers and staff. Our devices clean the cabin air of trains, buses and other means of public transport. During the journey reliably, efficiently, quietly and unobtrusively.

## Vehicle disinfection by means of ionization

Everyone knows about bad air in confined spaces with large numbers of people. Whether in buses, lifts or trams. The air becomes stuffy, smelly and unhygienic. In addition, the risk of infection by bacteria, germs and viruses increases. The **AIR CLEANER V** by **bioclimatic** is perfectly suited to noticeably and

sustainably improve the air quality in such situations. It uses bipolar ionization to reduce viruses, bacteria, germs, pollutants and microorganisms, thus creating safe, fresh and hygienic air. The technology also puts an end to annoying odours. Drive again risk-free and comfortably with safe air from **bioclimatic**.

## Effect of ionised air:



**Inactivation of viruses** and pathogens incl. SARS-CoV-2 by up to 99,99%



**Safe and healthy air** in living and working spaces of all kinds



**Reduction of odours,** fine dust and irritants for odourless air



**Certified efficiency** for your safety with every bioclimatic product



## AIR CLEANER V

The visually unobtrusive **bioclimatic AIR CLEANER V** creates fresh and hygienic air on the ceiling or wall with the help of the existing ventilation in the entire bus, train, lift or van. It has a manual control and works autonomously after a single adjustment. In addition, it is compatible with a hygiene, cooling or even thermal extension.

MADE  
IN  
GERMANY



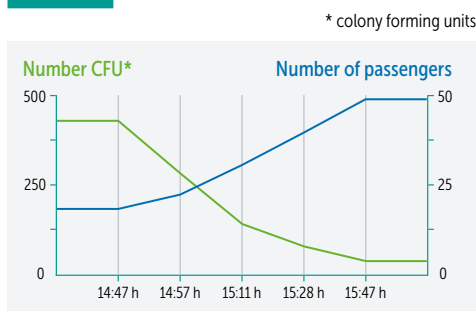
# AIR CLEANER V

Healthy and safe air just like in nature. With the bioclimatic Air Cleaner V this becomes a reality.

## The operating principle

The **bioclimatic** units work according to a process in nature: the principle of air ionization. Neutral oxygen molecules are negatively and positively charged by the "dielectric barrier discharge" (DBD) by means of a special ionization tube. Oxygen clusters are created, which, due to their high energy potential, have the property of neutralising viruses, bacteria, germs, pollutants, microorganisms, odour molecules and gases.

## Germ reduction through ionization



## Recommendation from



"Bioclimatic technology generates bipolar ionization through positive and negative ions." – Leibniz University Hanover

## Sophisticated technology

The original **bioclimatic** ionization tubes guarantee a high power intensity and work absolutely reliably, even under the highest loads in continuous operation.

The **AIR CLEANER V** from **bioclimatic** is also virtually noiseless and with a maximum power input of 7 watts economical in consumption.

### Technical specifications

Dimensions	253 mm x 175 mm x 63mm
Weight	approx. 550 g
Electrical connection	24V DC
Power consumption	maximum 7 W
Configuration	approx. 1 unit per 20 passengers

**Areas of application: Public transport, patient transport, lifts, pharmaceutical, blood and food transports**

## Installation

The ionization systems can be placed in ceilings as well as on walls after exact aerodynamic calculation. The simple installation in a suitable place guarantees optimum efficiency in air purification and disinfection.



**bioclimatic** – since 1978 this means competence and experience in the field of high quality air treatment and disinfection systems for:

- Food industry
- Hotels and restaurants
- Commercial kitchens
- Office and administration
- Hospitals and medical practices
- Retirement and nursing homes
- Animal breeding and husbandry
- Private areas
- Odour-intensive businesses
- Sports and fitness areas

If you would like to know more about our products – just give us a call. We will be happy to send you comprehensive information material including meaningful references and are always available to answer any questions you may have.



bioclimatic GmbH  
Im Niedernfeld 4  
31542 Bad Nenndorf



T +49 5723 9440 0  
F +49 5723 9440 30  
info@bioclimatic.de

