



# VIROXX

**bioclimatic**  
INTELLIGENT AIR

## Benefits

- Inactivation of Viruses, Bacterias and Pathogens
- Reduces risk of contagion infection
- Healthy and Odorless Indoor Air
- Reduction of Fine Dust & VOC's
- Low energy consumption
- Certified effectiveness\*
- Optimized compact design & Mobile use



Reduction of  
viruses



Reduction of  
bacteria



Reduction of  
mold



Effective against  
odors



Healthy  
Indoor Air

The VIROXX E150 ++ air purifier inactivates Viruses, Bacteria's, Moulds, Yeasts and abates airborne pollutants and particles as well as unpleasant odors of the indoor air.

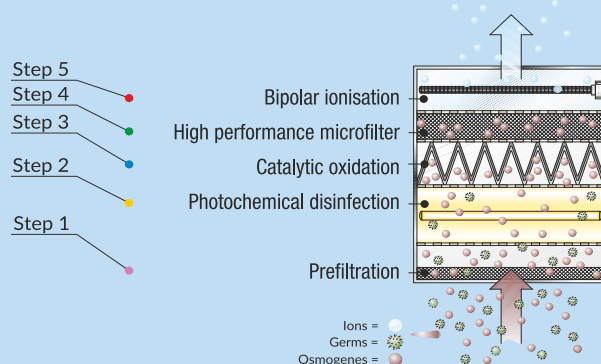
The innovative Viroxx technology convinces with its unique technology of air purification. The perfect combination of pre-filtration, photochemical disinfection, catalytic oxidation, high-performance micro filtration and bipolar ionization creates pleasant and hygienic indoor air conditions.

In addition to the possibility of manual basic device adjustment and device control, an integrated air quality sensor takes over the fine control of the device performance depending on the real indoor air contamination level. Targeted, reliable disinfection and air conditioning with VIROXX E150 ++ reduces the risk of uncontrolled contagion risks and ensures noticeably better and healthier air indoors.

Product dimensions	710 x 335 x 815 mm (W x H x D)
Product weight	45 kg.
Operating temperature	+5 to +45 °C
Relative humidity	Max 85%
Input power supply	230V AC/50Hz
Power consumption	250W max.
Suggested room volume	180 m <sup>3</sup>
Air flow volume	250 m <sup>3</sup> /h max.
UV lamp	Ozone free
Radio shielding	DIN EN 55011
EMC	EN/IEC 61000-4-3
Degree of protection	Ip44

\* The above mentioned values are measured under standard conditions (230V AC 50/Hz, 25°C, 50% relative humidity). The values could vary in case of different conditions. Also due to continuous development of product performance the specifications may vary to the above mentioned values.

## VIROXX 5 STEP-TECHNOLOGY



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## Benefits

- Inactivation of Viruses, Bacterias and Pathogens
- Promotes better hygiene and abolishes bad odors
- Improves Indoor Air Quality (IAQ)
- Versatile mounting (Duct or AHU)
- Low pressure drop
- Low energy consumption
- Low maintenance



Reduction of  
viruses



Reduction of  
bacteria



Effective against  
odors



Healthy  
Indoor Air

### Product Scope

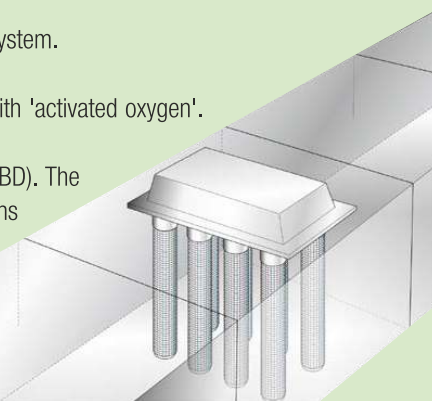
These device's are ionization system designed to be installed in new or existing HVAC, Ventilation and Air extraction system.

### Functional and Working description

Aerotron air ionization systems work by neutralizing air pollutants and microorganisms by means of oxidation with 'activated oxygen'.

Activated oxygen is used as a general term for the reactive oxygen compounds produced.

The activated oxygen is produced by a ionization tube which works on the basis of dielectric barrier discharge (DBD). The activated oxygen is a mixture of gaseous oxidants such as oxygen radicals, hydroxyl radicals and bipolar oxygen ions (positive/negative). The high energy and charge state of these substances mean that they combine with organic and inorganic air pollutants and oxidize them. This ensures the restoration of natural air ion concentrations which is not only healthy for humans but also abate viruses and micro-organisms in the indoor air and surfaces as well and also efficiently neutralize odor.



### Technical Specifications

Duct Width	300 to 600 mm
Product weight	2.5 to 11 kg.
Operating temperature	-20 to +50 °C
Relative humidity	max 85%
Input power supply	230V AC/50Hz
Power consumption	10W to 150W
Degree of protection	Ip44*

\* Only for electrical components with installed tube socket seal



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