



ActivePure® GUARDIAN AIR

A breakthrough in the fight against viruses,
bacteria and other harmful pollutants



Application

ActivePure® GUARDIAN AIR is a device used in rooms intended for permanent residence of people, in order to actively reduce pathogenic microorganisms and pollutants from the air and surfaces.

ActivePure® GUARDIAN AIR is a free-standing, portable device, intended for public utility rooms, hotels, offices, etc.

The device uses the innovative ActivePure® RCI technology, works safely in the presence of people, ensuring uninterrupted 24/7 microbiological cleanliness in the entire volume of rooms. It retains all fractions of harmful dusts that are part of smog, as well as eliminates allergens and volatile organic compounds (VOCs).

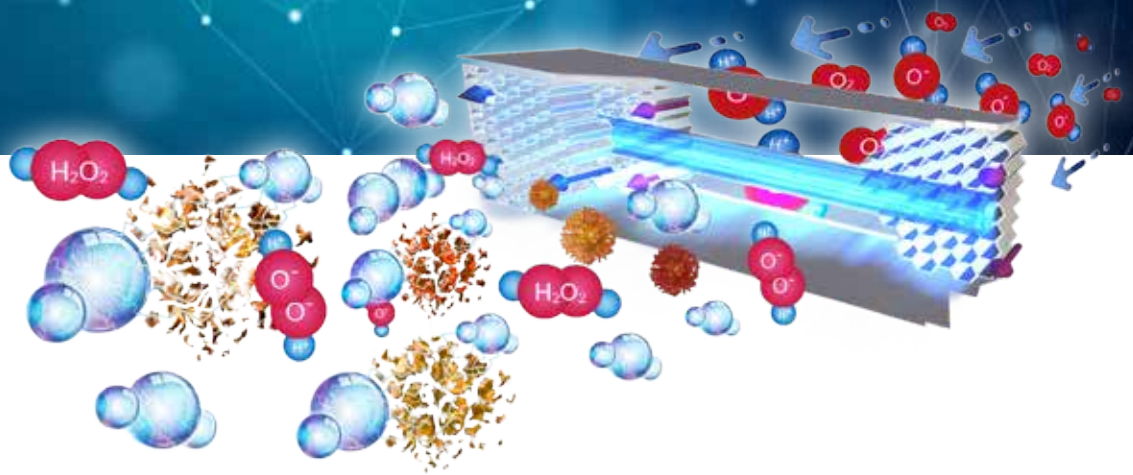
It is intended for use in places where there is no mechanical ventilation or it cannot be interfered with. It is equipped with a movable platform that facilitates its relocation.



Proven elimination efficiency:

- viruses (including SARS-CoV-2 - 99%, A H1N1 - 100%, A H5N5 - 100%, EBV-2 - 100%)
- bacteria (including New Delhi - 99%, Legionella pneumophila - 100%, Escherichia coli - 100%, Enterococcus faecalis - 99%)
- fungi (including Candida albicans - 100%, Aspergillus niger - 99%, Penicillium chrysogenum - 96%)
- volatile organic compounds (including Formaldehyde - 91.9%)
- allergens
- unpleasant odours

NEW AIR QUALITY



Principle of operation

The air enters the device where it is treated and passes through the preliminary filtration system, which mechanically and electrostatically stops dust contamination, and the carbon filter stops unpleasant odours. Then the air flows through the ActivePure® RCI system, which saturates it with natural oxidants as well as hydroxide and peroxide ions. The air ionized and enriched in this way enters the rooms, where it actively eliminates microbiological threats, as well as reduces allergens and volatile organic compounds.

Important facts

- ActivePure® RCI technology reduces SARS-CoV-2 virus from the air (99.9% in less than 3 minutes) and from the surface (98%)
- The ActivePure® RCI technology is a proven method of eliminating Gram-negative and Gram-positive bacteria, viruses with RNA and DNA structure, as well as fungal spores and spore forms of bacteria.
- The ActivePure® RCI technology has been recognized by NASA as one of the most important discoveries of scientists and entered into the „Space Technology Hall of Fame” list - next to technologies such as GPS.

Benefits of using ActivePure® RCI technology:

- Maintains microbiological purity, both in the air and on surfaces
- Increases the safety of building users, reducing the risk of contamination and infection
- Works in the entire volume of rooms, also in hard-to-reach places
- It is based on phenomena occurring in nature (photocatalysis), which is the ecological and safe method
- Works in the presence of people
- Eliminates SARS-CoV-2 virus from the air and from the surface
- Guarantees durability of the obtained results thanks to 24/7 operation
- It neutralizes unpleasant odours and Volatile Organic Compounds
- It improves the comfort of staying in the building
- Captures dust pollution, eliminating the problem of SMOG



Specification:

Power supply	220-240V, 50/60 Hz
Power consumption	23 - 80 W
Air flow	130 m³/h - 410 m³/h
Dimensions	590 mm x 500 mm x 275 mm
Weight	15,59 kg
Noise level	32 - 58 dB
Power cable	1,8 m
Warranty	2 years

ActivePure® RCI technology is designed, developed and manufactured in the U.S.A. ActivePure® RCI technology has been tested by an independent laboratory that carries out tests in accordance with FDA guidelines.

