



# ActivePure® INDUCT 5000

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



## Application

ActivePure® INDUCT 5000 is particularly adapted to the designed and existing ventilation and air conditioning systems. The device eliminates microbiological hazards with means of the patented, innovative ActivePure® RCI technology.

ActivePure® INDUCT 5000 is designed for use in small and large buildings equipped with a mechanical ventilation system. Device operation is safe in the presence of people, ensuring uninterrupted 24/7 microbiological cleanliness in the room.

ActivePure® RCI is the only active disinfection technology in the world that works in the entire volume of the room, also in hard-to-reach places. This technology is completely safe for humans, plants and animals.

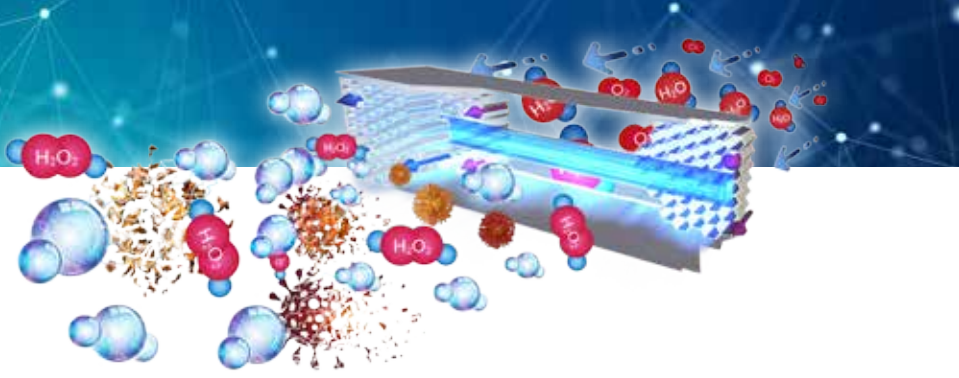
What distinguishes ActivePure® RCI technology from other technologies is the possibility of simultaneous, active disinfection of air and surfaces in the presence of people. This technology has been designed for maintenance-free and continuous operation, 24 hours a day. This enables, previously unattainable for other technologies, preventive disinfection of any part of the building, or even the entire building, during its normal, everyday operation.



## 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

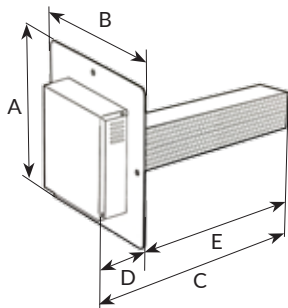
The air supplied through the ventilation duct enters the device - it is treated by the ActivePure® RCI system which saturates it with natural oxidants as well as hydroxide and peroxide ions. The air enriched in this way enters the rooms, where it actively eliminates microbiological threats, as well as 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:

- It increases the safety level of building users during the SARS-CoV-2 epidemic
- It protects employees and guests of the facility against microbiological hazards, without the need to leave the premises at time of cleaning process
- It increases the efficiency of employees (Harvard Business Review, 2017)
- It prevents the sick building syndrome, eliminating: headaches and dizziness, weakness, fatigue, irritation of the mucous membranes and eyes
- It reduces costs related to the cleaning of ventilation ducts
- It neutralizes unpleasant odours, improving the comfort of living in the building



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.

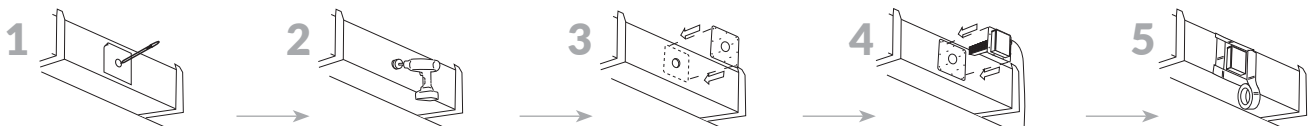
### Specification:

Air flow	up to 1550 m <sup>3</sup> /h
Dimensions (AxBxCxDxE)	245 x 245 x 430 x 60 x 370 mm
Power supply / Power consumption	230V, 50/60 Hz / 32 W
Air flow	0-6 m/s
Air temperature	3-93,3 °C
Average resistance	3-5 Pa
Diameter of the mounting hole in the duct	9,5 cm
Weight	1,8 kg
Warranty	2 years

**Caution:** Devices are selected depending on the type and degree of indoor air pollution

## Installation of ActivPure® INDUCT devices

The devices are mounted in the ventilation ducts in a minimally invasive way and can be connected to the monitoring system



**Caution:** Maximum distance between the device and the last air supply outlet should not exceed 30 m. It is allowed to extend the given distance after an individual analysis of the installation design.

