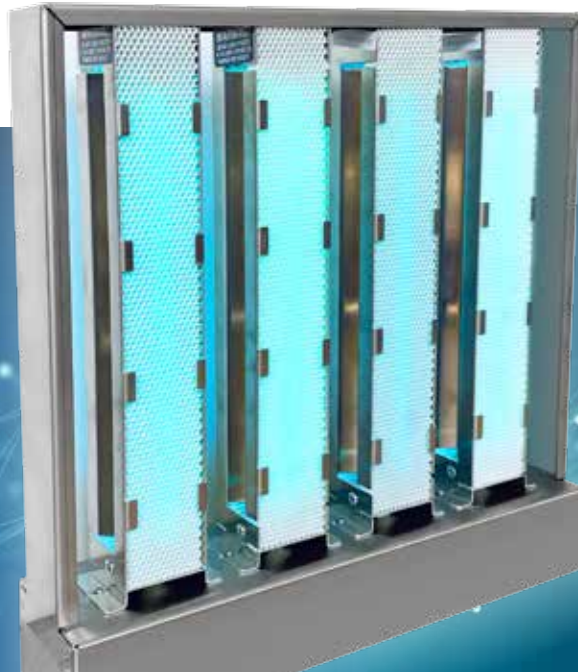


## ActivePure® INDUCT Inside IRI

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



### Application

ActivePure® INDUCT Inside IRI is designed for installation in the section of a ventilation unit. It is perfect for existing or newly designed ventilation and air-conditioning systems. The device eliminates microbiological hazards with means of the patented, innovative ActivePure® RCI technology.

ActivePure® INDUCT Inside IRI is intended for use in public buildings, office buildings, hotels, etc. The device works safely in the presence of people, ensuring uninterrupted 24/7 microbiological cleanliness in the room.

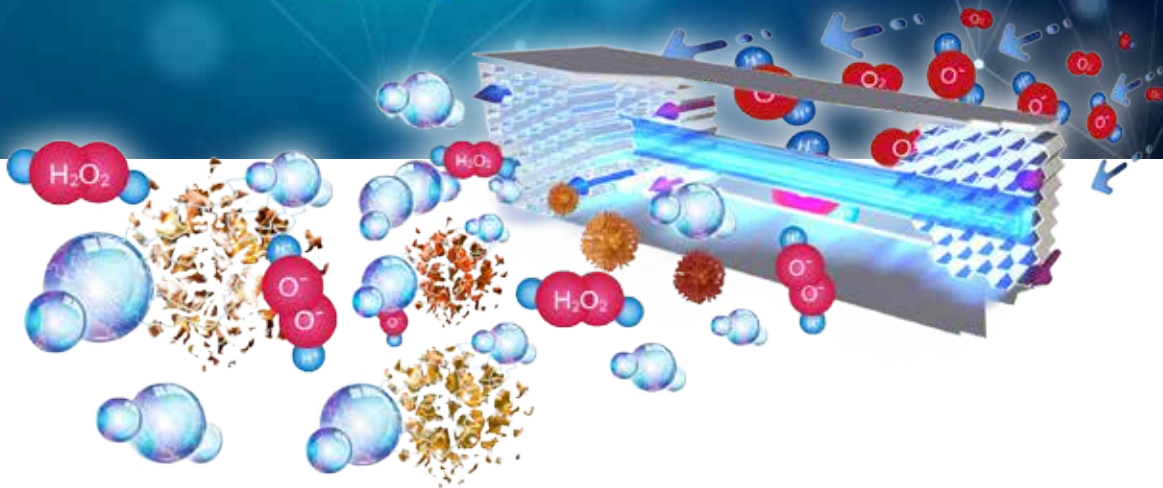
ActivePure® RCI is the only active disinfection technology in the world that works in the entire volume of the room, also in hard-to-reach places. This technology is completely safe for humans, plants and animals.

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 protection 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



## Principle of operation

The air supplied through the air handling unit passes through the device, in which it is treated by 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
- It 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
- Reduces the costs related to the operation of the installation, ensuring the microbiological cleanliness of the ventilation ducts
- It neutralizes unpleasant odours and Volatile Organic Compounds
- It improves the comfort of staying 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	0 - 6 m/s
Air temperature	3 - 93,3 °C
Average air resistance	3 - 5 Pa
Power supply	230V, 50/60 Hz
Warranty	2 years

The selection of devices is each time adjusted to the parameters of the air handling unit and the ventilation system, with consideration to:

- air flow,
- purpose of the object,
- cleanliness class of the rooms,
- volume of the building,
- length of the ventilation ducts.

