



WE CURE AIR

potok[®]

The most effective solution
for air decontamination





HEALTHCARE APPLICATIONS

For effective control of pathogens in healthcare facilities, indoor air must be decontaminated by inactivating microorganisms in addition to physical purification. POTOK devices can be used for air decontamination in all medical premises, including class I, II and III clean rooms (operating rooms, pre-surgical rooms, anesthesia rooms, central sterile supply department, intensive care units, wards, etc.)

POTOK devices in healthcare institutions:

- Reduce the incidence and prevent the spread of hospital infections
- Reduce operating costs and energy consumption
- Improve the well-being of patients and staff
- Reduce the cost of social security for sick pay



Why choose POTOK devices?

- 01 NON-SELECTIVITY**
kills 99.99% of all types of bacteria, mold, fungi, and viruses (including coronaviruses) detected in indoor air
- 02 RELIABILITY**
automatic inactivation control
- 03 SAFETY**
24/7 operation in presence of people
- 04 ENERGY EFFICIENCY**
10 W per 1000 m3 of handled air
- 05 ENVIRONMENTAL FRIENDLINESS**
no chemicals are used for inactivation
- 06 ECONOMICAL BENEFIT**
no filters to change
- 07 OPERATIONAL IN ALL CONDITIONS**
air temperature and moisture do not affect the efficiency of the equipment

99.99%

POTOK kills all types of microorganisms and viruses, including antibiotic- and chemical-resistant strains



No HEPA filters



No dangerous chemicals



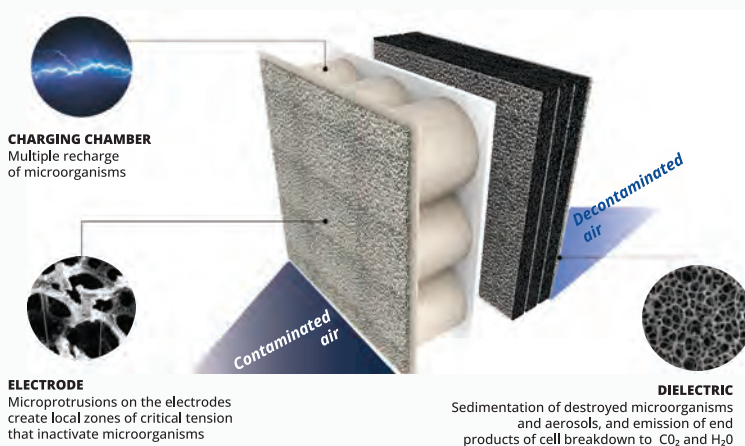
No UV



No hidden expenses

What sets POTOK equipment apart from other air purifiers?

POTOK technology is based on the physical destruction of microorganisms and viruses present in the air using a strong electric field.



*The air is decontaminated by putting microbial cells and secondary and tertiary structures of viral proteins underexposed by constant critical electric fields

IDEAL SOLUTION FOR AIR DISINFECTION IN HEALTHCARE FACILITIES

The need to use air disinfection equipment in healthcare facilities is conditioned by the high risk of developing hospital infections, the spread of viruses, and the development of postoperative complications.

Why is POTOK necessary for disinfection in healthcare institutions?

Hospital infections lead to a decrease in the quality of treatment, prolonged hospitalization, and increased antibiotic consumption, all of which increase the total cost of treatment.

What makes hospital-acquired infections problematic is that they are caused by microorganisms that constantly change their characteristics and are often resistant to different types of antibiotics.

The use of POTOK technology shows that its application in medicine enables the complete inactivation of all types of airborne microorganisms and viruses.

Application of devices in medicine

- ✓ increases the efficiency of the treatment process
- ✓ reduces the length of stay of patients in hospitals
- ✓ reduces cases of sepsis
- ✓ reduces postoperative complications
- ✓ prevents cross-infections in the premises
- ✓ reduces lethality
- ✓ increases the safety of the work of medical personnel in infectious wards



POTOK LAD8640

For highly aseptic operating rooms



POTOK LAD2160

For recovery rooms and intensive care rooms

Where are **POTOK** devices used in healthcare?

- ▶ operating rooms
- ▶ pre-surgical rooms
- ▶ anesthesia rooms
- ▶ hospital wards
- ▶ central departments for the supply of sterile material



Numerous scientific research institutes have confirmed the effectiveness of **POTOK technology**



UNIVERSIDAD DE GRANADA



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THE GAMALEYA
NATIONAL CENTER
OF EPIDEMIOLOGY AND MICROBIOLOGY



Federal Service for
Surveillance on Consumer
Rights Protection and
Human Wellbeing



Faculty of Medical
Sciences

The devices manufactured by Potok Europe are installed **in over 3.500 health institutions**, including surgical centers, perinatal clinics, infectious disease clinics, oncology centers, laboratories, etc.



POTOK LAD540

unit in a one-piece
outer enclosure with an
air distribution device



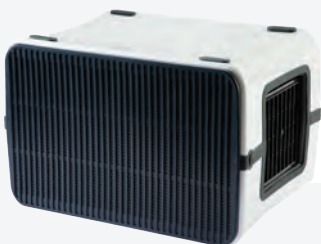


POTOK
Standalone
Devices



POTOK SAP120
Standalone unit

POTOK SAP600
Standalone unit

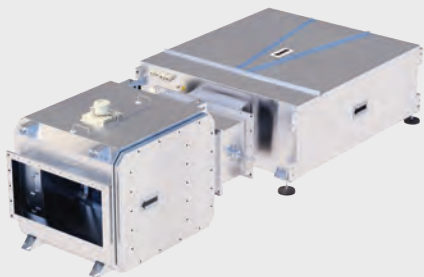


POTOK SAP130
Standalone unit



POTOK SAP900
Standalone unit

POTOK PTKA1080
Standalone unit



POTOK PTKA540
Standalone unit

Induct POTOK
devices for
biological
laboratories





Breathe healthy air with
POTOK technology

potok®

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