

STERIM®

STERI AIR 3

Air flow sterilizer

Device description

STERI AIR is a portable indoor air sterilization device. The device works by irradiating the flowing air UV-C radiation on nucleic acids and proteins of microorganisms, which damages the structure of genetic material of microorganisms (including proteins and nucleic acids) preventing their reproduction. With this method pathogens from the air such as fungi, bacteria and viruses including CoV-2 are neutralized and afterwards filtered, clean air flows back into the room. There is one independent HEPA filter installed inside the device, two UV-C lamps as well as an innovative flow channel with reflectors that extend the air flow path which helps obtaining twice the dose of UV-C radiation inside this device 300J/m². Radiation is only emitted inside the device and affects only the air flowing through the device itself.

The device is intended for continuous operation in the presence of people and animals, including the patient rooms, laboratories, nursing homes, doctor's offices, residential buildings, offices and other places of public utility.

Specification

- Steel housing, powder coated in white colour
- Dimensions: H 890 mm, W 215 mm, D 280 mm.
- Device weight 8 kg
- UV-C lamps with power of 2 x 18 W / wavelength 253.7 nm
- Lifetime of the UV-C lamp 9000 hours
- Rated power 42 W
- Working range up to 50 m²
- Ventilator capacity 120 m³ / h
- HEPA filter
- Meter of working hours
- UV-C lamp operation light

Country of origin

Poland (EU)

