

AIR DISINFECTION SYSTEM SDMA

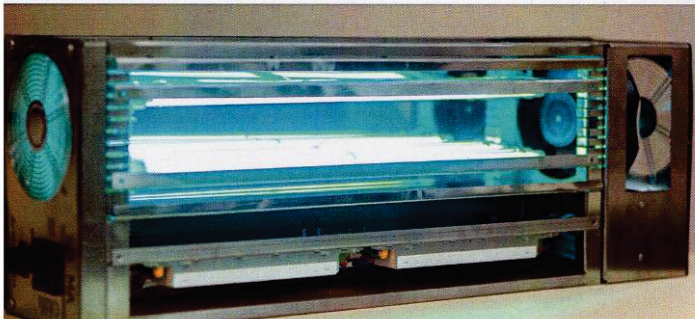
The SDMA devices are medical closed-type air disinfection devices designed for:

- ◆ Prevention of aerosol spread of contagious diseases in closed spaces
- ◆ Air disinfection in the rooms of medical units with a high microbial load to reduce the risk of contamination of the medical staff
- ◆ Air disinfection in closed spaces of public institutions of all levels, including schools, kindergartens, medical facilities, nursing homes, industrial plants, the food industry, and also in locker rooms, shops, warehouses, waiting rooms, crowded places, etc.



MODE OF EXPLOITATION

- in non-stop operation mode 24/7/375
- The SDMA is installed in a horizontal or vertical position at a height of 1,5m from the floor level.
- The SDMA is recommended to be installed at a distance of about 0.4 m from the radiators.
- SDMA devices connects to electrical networks in accordance with European Standards in the field of electrical safety: EN 60335-1:2012/A15:2021, EN 60601-1:2006/A1:2016/AC:2019, EN 61010-1:2010/A1:2019, DIRECTIVE 2014/35/EU



ADVANTAGES

- ✓ High efficiency in air disinfection
- ✓ Ecological - no ozone emission
- ✓ A safe use of UVC light inside the installation
- ✓ The operation of the installation in continuous mode with the possibility of use in the presence of people ensures the performance of work activities without interruptions
- ✓ Easy installation and maintenance
- ✓ The UV-C radiation with a frequency of 253.7 nm breaks down the sequence of DNA and RNA, leading to the destruction of the replication system of pathogens.
- ✓ Once the DNA and RNA sequence is no longer correct, they can no longer reproduce.
- ✓ The destruction of the reproduction apparatus of the dispersed pathogenic suppliers in the aerosol phase takes place by physical methods, during the displacement of the air stream with a fan through the channel of the air processing module with polished walls up to the mirror phase, amplifying the destruction of DNA and RNA structures.

TECHNICAL PARAMETERS OF THE SYSTEM SDMA UVAC-250

a medical device registered in the State Register of Medical Devices of the Republic of Moldova: Dm000367363 on 18.08.2022.

| Characteristics | Allowed Values |
|---|----------------|
| Nominal voltage, (AC) V | 230 |
| Current frequency, Hz | 50-60 |
| Rated current, A, max. | 2,5-5 |
| Noise level dB, max. | 56 |
| Weight kg, max. | 24 |
| Overall dimensions mm, max. | 815x280x195 |
| Volume of disinfected air m ³ /h | 250 |



- UV-C Lamps** – 9000 Life Hours
- Electronic ballast** - 50000 Life Hours
- Fan** -110000 Life Hours
- Electrical module** – 20000 Starts/Stops
- Stainless steel case** – 50 Year Warranty

The Spectrum of Light

