

MidasAnAirSU



Description:

Surface Disinfection Units
with concentrated flux of non-ionizing radiation
The air from the enclosure is disinfected up to 99%

Models:

Models	MidasAnAir SU108	MidasAnAir SU208	MidasAnAir SU115	MidasAnAir SU215	MidasAnAir SU130	MidasAnAir SU230	MidasAnAir SU155	MidasAnAir SU255
UV lamps power	8W	2x8W	15W	2x15W	30W	2x30W	55W	2x55W
UV lamps make	Philips/Osram							
UV generators lifespan	9000h							
wavelength	254nm							
supply voltage	230V AC +/-10%, 50Hz							
grid connection	Grounded socket							
rated power	8W	16W	15W	30W	30W	60W	55W	110W
presence allowed during operation	No							
running time	24/7							
PIR sensor	No		Yes					
wi-fi connection*	No		On Request					
electronic access timer & timer	On Request		Yes					
dimensions (mm)	350x135x100		10x180x130	530x180x110	980x190x130			
weight (kg)	24 Months							

Features:

- electronic timer for storing total functioning time of the ultraviolet generators.
- the system is based on a microprocessor that has permanent auto testing and monitoring functions of the device for detecting potential failures that may occur (UVC generator failure; air circulation system failure; exceeding functioning time of the UV-C generators), allowing the system to identify a potential partial or total inability of the device to disinfect the air.
- remote control for turning the device on/off and for setting the operating time, this should depend on the room's volume for an efficient disinfection and for a maximum life time of the generators.

How it works:

The air loaded with microorganisms is driven inside the device by the air circulation system. Inside the device there are located UV-C generators whose radiation is concentrated through an ellipsoidal mirror system that forms a resonance cavity which leads to the maximum efficiency of the device.

The air circulation time is carefully chosen, accounting the level of energy necessary for destroying every type of microorganism and the energy that is created by the generators. It is important to know that the use of this patented principle led to increased device efficiency. The system was conceived and built to be completely harmless for humans and to have maximum efficiency.

Key benefits:

- stops the spread of diseases and sicknesses;
- helps preserve the archived objects and documents;
- the resonant cavity generates a high level of energy per sq. cm., thus the level of microorganisms in the air is drastically reduced (93-99%);
- no toxic debris;
- totally eliminates the need for usage of chemical products, thus protecting the users and the environment;
- significant energy saving;
- ozone free.

Applications:

MidasAnAir systems can be used as air purifier wherever there is a high risk of spreading viruses, airborne bacteria and diseases:

- hospitals, medical cabinets and sanitary units: operating rooms, isolation rooms, intensive care units, examination rooms, emergency rooms, bronchoscope / sputum rooms and waiting areas;
- pharmaceutical industry;
- schools and nurseries;
- public food units and food packaging facilities;
- general office space and receptions, public and private institutions;
- document archives, valuables and patrimony storage units;
- museums and rare / antique item preserving units;
- cosmetic and beauty salons.