

Industry: medical, pharmaceutical, food

MidasAnAir

UV Air Disinfection Units



UV Air Disinfection Units
The air from the enclosure
is disinfected up to 99%.



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.

MICROORGANISMS SUCCESSFULLY DESTROYED BY MIDASANAIR UNITS

BACTERIA

Bacillus anthracis (*Anthrax*)
 Bacillus anthracis spores (*Anthrax spores*)
 Bacillus magaterium sp. (spores)
 Bacillus magaterium sp. (veg.)
 Bacillus paratyphus
 Bacillus subtilis spores
 Bacillus subtilis
 Clostridium tetani
 Corynebacterium diphtheriae
 Ebertelia typhosa
 Escherichia coli
 Leptospiracanicola (*infectious Jaundice*)
 Micrococcus candidus
 Micrococcus sphaeroides
 Mycobacterium tuberculosis
 Neisseria catarrhalis
 Phytomonas tumefaciens
 Proteus vulgaris
 Pseudomonas aeruginosa
 Proteus fluorescens
 Salmonella enteritidis
 Salmonella paratyphi (*Enteric fever*)
 Salmonella typhosa (*Typhoid fever*)
 Salmonella typhimurium
 Sarcina lutea
 Serratia marcescens
 Shigella dysenteriae (*Dysentery*)
 Shigella flexneri (*Dysentery*)
 Shigella paradysenteriae
 Spirillum rubrum
 Staphylococcus albus
 Staphylococcus hemolyticus
 Staphylococcus lactis
 Streptococcus viridans
 Vibrio comma (*Cholera*)

MOLDS

Aspergillus flavus
 Aspergillus glaucus
 Aspergillus niger
 Mucor racemosus A
 Mucor racemosus B
 Oospora lactis
 Penicillium expansum
 Penicillium roqueforti
 Rhisopus nigricans

PROTOZOA

Chlorella Vulgaris
 Nematode Eggs
 Paramecium

VIRUSES

Infectious Hepatitis
 Influenza
 Poliovirus (Poliomyelitis)
 Tobacco mosaic
 SARS-CoV-2
 H5N1
 H1N1

YEASTS

Brewers yeast
 Common yeast cake
 Saccharomyces carevisiae
 Saccharomyces ellipsoideus
 Saccharomyces spores

APPLICATIONS

MidasAnAir systems can be used as air purifier wherever there is high risk of spreading viruses, airborne bacteria.



- 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 saloons.



MODEL 3040



MODEL 3040 T



TECHNICAL DETAILS

Model	3040	3040T
UV lamp power	2 x 15W	2 x 25W
UV lamp made by	Philips / Osram	Philips / Osram
nominal frequency	50/60HZ	50/60HZ
UV generators lifespan	9.000h	9.000h
wavelength	254nm	254nm
airflow	45mc/h	90mc/h
supply voltage	110/230V AC	110/230V AC
grid connection	grounded socket	grounded socket
absorbed power	45W	65W
operation mode	remote control	remote control
full electric control / hourly counter	yes / yes	yes / yes
presence allowed during operation	yes	yes
running time	24/7	24/7
installation (horizontal / vertical)	on wall (H)	on wall (H + V)
wall mounting brackets	–	yes
mobile rack installation	–	yes
dimensions (mm)	715x235x120	715x240x125
weight	5,3kg	5,7kg
noise level	19dB	<30dB
warranty period	24 months	24 months

Technical changes reserved

ADVANTAGES

- 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 debirs;
- Totally eliminates the need for usage of chemical products, thus protecting the users and the environment;
- Significant energy saving;
- Ozone free.

BENEFITS

- Electronic timer for storing total functioning time of the ultraviolet generators;
- Monitoring functions of the device for detecting potential failures that may occur (UVC generator failure);
- Remote control for turning the device on/off and for setting the operating time.



S P E C T R A[®]

PROFESSIONAL UV SOLUTIONS