

UV-FANS-XS - SERIES

High performance professional Air Purifier /Sanitiser with UV-C technology



UV-FAN-XS 60HP



UV-FAN-XS 60HP-NX

Designed to provide continuous high quality UV air decontamination in any kind of environment, UV-FAN-XS main features are:

Steel body painted with epoxy powders or AISI 304 stainless steel (model ...-NX).

Selective UV-C lamp (at 253.7 nm.) with high efficiency and high UVC power, ozone-free for use in the presence of people 24/7.

Internal germicidal chamber made of ultra-pure mirror bright special aluminium with high UV-C 253.7nm reflectivity.

24/7 Treatment continuity: use in the presence of people. ISO 15858 standard for safety of devices with UV-C lamps.

Special photocatalytic titanium dioxide TiOx® technology (Registered Trademark of Light Progress Srl) for the elimination of organic and inorganic pollutants VOCs and NOXs.

Complies with ISO 15714 standard that certifies the UV-C dose emitted and required to perform disinfection.

Wall installation, floor installation kit available.

Porthole for visual inspection of the lamps, transparent to visible light but preventing the passage of UV-C rays.

Long cable with plug (2mt).

Safety microswitch: that switches off the lamps if the cover is opened and lamp exposed, to perform maintenance in safety.

CE marking (LVD 73/23 - EMC 89/336 - MD 93/42), ISO 60335-1-2.

Power supply with specific electronic ballast for UV-C lamps.

All materials used are tested to withstand intense UV-C radiation.

Suitable for installation in class 1 - protected areas.

Meets the noise standards of Directive 2006/42/EC <36db at 1mt.



Marketed by:

Majac Medical Products Pty. Ltd.

Tel: 1300 138 578 | Int: +61 7 3265 6355

Email: sales@majacmedical.com.au

www.majacmedical.com.au

Also Available From:

ENVIRONMENTAL DISINFECTION

UV-C RAYS AND ENVIRONMENTAL DISINFECTION

What is the UV dose?

UV rays are effective against any microorganism. Thanks to experimental tests, it has been possible over the decades to establish the resistance to UV radiation of each pathogen. The energy needed to eliminate every single bacterium, spore virus, fungus, mold, etc. it is called dose and is expressed as instantaneous energy necessary to eliminate 99% (or 99.9% or 99.99% ...) of the single strain.

Are UV rays effective against Coronavirus SARS-CoV-2?

Specific tests on the UV resistance of Coronavirus Sars-Cov 2 will be available soon.

However, there are examples of scientific literature about the UV-C treatment of very similar viruses, such as that of Sars-1 or Mers. There is also evidence of the effectiveness of ultraviolet rays in the disinfection of air and surfaces from microorganisms much more complex and difficult to eliminate than this virus, such as C. Difficile, MRSA, or even more deadly threats, such as Ebola and Legionella. It is estimated that the Sars-Cov-2 virus can survive on surfaces for up to nine days, based on its similarity to Sars and Mers.

Standard disinfectants are effective against Sars-Cov-2, but to provide additional protection and defend against errors in the manual disinfection process, ultraviolet light can be used to disinfect surfaces and equipment following manual disinfection.

UV technology is therefore a valid tool in the fight against H1N1, Sars, Mers and now also Covid-19.



UV DOSE REQUIRED EXPRESSED IN mW / CM2 SEC 99% ABATEMENT	
Bacteria	
Mycobacterium tuberculosisn (TB)	4300
Escherichia coli ATCC 11229	4800
Legionella pneumophila ATCC 33152	3200
Pseudomonas aeruginosa ATCC 9027	6500
Salmonella ATCC 6539	4500
Staphylococcus aureus	3200
Streptococcus hemolyticus	4400
Vibrio cholerae	4100
MRSA	6550
Clostridium Difficile	10000
Viruses (generics, DNA and RNA)	
Flu virus A	4558
Hepatitis A HM175	8000
Corona Virus (SARS-CoV1 – MERS-Cov)	1200-1500
Rotavirus	15000
Molds	
Aspergillus Amstelodami	66700
Aspergillus Brasiliensis (Niger)	226000
Yeasts	
Comuni lieviti dolciari	12000
Lievito di birra	20000



Marketed by:
Majac Medical Products Pty. Ltd.
 Tel: 1300 138 578 | Int: +61 7 3265 6355
 Email: sales@majacmedical.com.au
www.majacmedical.com.au

Also Available From: