

ASEPTOR

UV-C AIR FLOW STERILISATION

Designed to improve the microbiological air quality
in your clinic



 **Mano Médical**
Medical equipment for veterinarians

A unique technology

97%
EFFECTIVENESS IN
REMOVING BACTERIA,
VIRUSES, MOULDS
AND FUNGUS

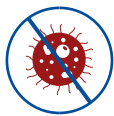
?

UV-C radiation at a wavelength of 254 nm is known to have a powerful germicidal effect against nearly all airborne bacteria, including antibiotic-resistant ones, as well as viruses and fungal spores.

ASEPTOR lamps use a low-speed air circulation system that passes through a UV-C disinfection chamber. This eliminates airborne micro-organisms without directly exposing people to UV radiation (harmful to the skin), resulting in a progressive disinfection of the air volume in the room.



Safe for humans and animals



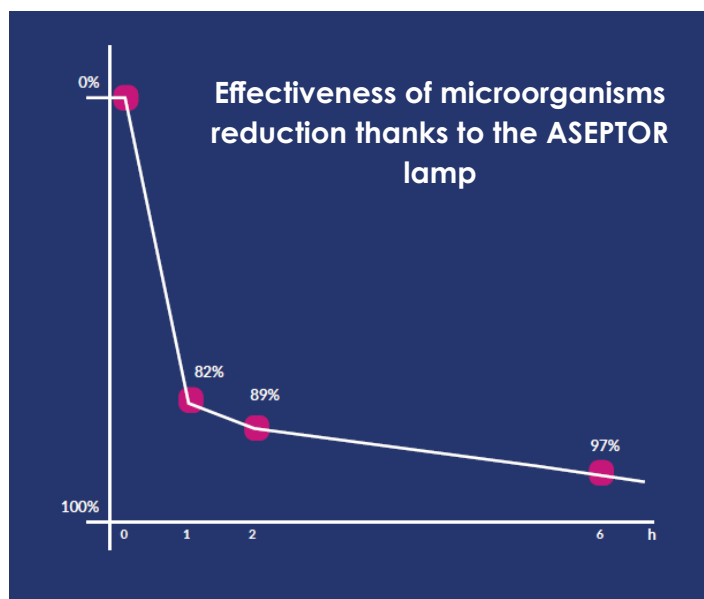
Deadly for viruses

Even in the absence of any other treatment,

✓ **In 2h** of operation, the lamp can bring a standard room up to microbiological cleanliness class **M100 (ISO 8)***.

✓ **In 6h** of operation, it comes close to microbiological cleanliness **M10 (ISO 7)***.

* According to NF S 90-351 standard classification for hospital air quality in human medicine: M10 means that one cubic meter of air in the room contains less than 10 Colony Forming Units (CFU) of germs.



Research by Pr. Waclaw Dabrowski from the Institute of Agriculture and Food Biotechnology - State Research Institute (Poland)

Simple and efficient to use



Why using the ASEPTOR lamp?

- ▶ **Impressive effectiveness in eliminating airborne pathogens**, including staphylococci, Escherichia coli, viruses, spores and antibiotic-resistant strains - based on independent scientific research
- ▶ **It is completely risk-free for animals and humans**, unlike solutions based on ozone or direct UV-C radiation
- ▶ **Quiet** : < 20dB for the 236 version, < 30dB for the 255 version
- ▶ **Easy to use and low maintenance cost**: simply switch on the lamp. A counter displays the total time of use. UV-C bulbs need to be replaced after 9 000 hours of use for optimal efficiency. The dust filter can be replaced very easily without any additional tools
- ▶ **The generated air flow is slow enough not to raise or displace dust**, particularly in operating room, but effective enough to treat the entire volume of air



Where can I use the ASEPTOR lamp?

- ✓ **In the operating room** : eliminates airborne pathogens and reduces the risk of post-operative infections
- ✓ **In the kennel** : reduces the risk of airborne germs transmission between hospitalised animals
- ✓ **In the reception area** : eliminates airborne bacteria and viruses carried by animals and visitors, potential cause of contagion



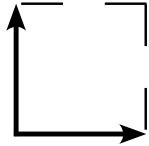
Technical Details

SUPER SILENT!
< 20 dB
 (236 version)

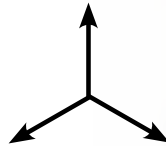
ASEPTOR 236 Version



2x36W



35 m²

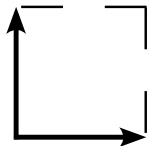


90 m³

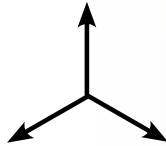
ASEPTOR 255 Version



2x55W



60 m²



150 m³



Very low maintenance



Easy and convenient filter replacement

Working-time LED counter



Automatic brightness level adjustment, depending on the lighting of the room

	236 Version	255 Version
▶ Supply voltage	230V, 50Hz	
▶ Power consumption	80W	120W
▶ UV-C bulb type	2 x PL-L TUV36W	2 x PL-L TUV55W
▶ UV-C bulb durability	9 000 hours	
▶ Fan efficiency	80 m ³ /h	130 m ³ /h
▶ Air flow capability	35 m ³ /h	60 m ³ /h
▶ Disinfected cubature	90 m ³	150 m ³
▶ Disinfected surface	35m ²	60 m ²
▶ Fan volume	< 20 dB	< 30 dB
▶ Overall dimensions	60 x 107 x 60 cm	60 x 125 x 60 cm
▶ Total weight	12,7 kg	14,5 kg



Mano Médical

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15, rue du Noroît
 22100 Taden - France
 Tel. +33 (0)2 96 85 86 76

welcome@manomedical.com

www.manomedical.com

