

TECHNICAL DATA SHEET

ASEPTOR Basic series



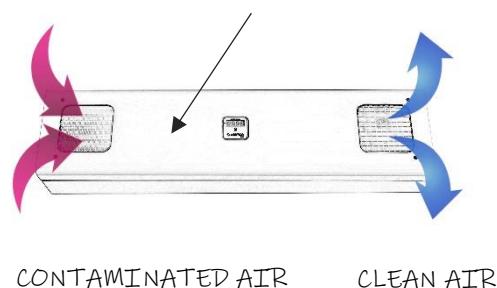
ASB 255 W

SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP

HOW DOES THE SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP WORK?

Contaminated air is drawn by a fan – through a filter catching dust and other contaminations into the disinfection chamber. The UV-C radiation intensity and the time during which the air remains in the disinfection chamber are selected so that the air blown out from the lamp is practically free of microorganisms. It should also be noted that the forced flow of the air results in its smooth circulation and cause disinfection of the air in the whole room. This is a safe way to get rid of viruses, bacteria, molds, and fungi from the air.

FLOW UV-C DISINFECTION CHAMBER



BASIC DATA:

Airflow disinfection function (flow disinfection chamber)	yes
Direct radiation function	no
Presence of people, animals, plants inside the room during the disinfection process	allowed
Mounting type	wall-mounted / ceiling-mounted
Working time counter	no
External bulbs	no
Casing material*	powder-coated steel
Anti-dust filters	yes, 1 filter inside the device, 5 additional pcs. for each lamp
Switch on/off	built-in lamp body
Ambient temperature	+10°C to +40°C
Relative humidity	30% to 70%
Atmospheric pressure	700 hPa to 1060 hPa
Declaration of conformity	yes
User's manual English version	yes

*ASB lamps can be covered with RAL colors; INOX acid-proof steel version of ASB lamps on demand

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TECHNICAL DATA:

Supply voltage	230 V, 50 Hz
Power consumption	120 W
UV-C bulbs (Philips/Osram)	2 x 55 W (PL-L TUV/HNS-L 2G11)
UV-C radiation wavelength	253.7 nm
The useful lifetime of the UV-C bulbs	min. 9000 h
The radiation intensity of the external UV-C tube at a distance of 1m	-
Fan capacity	130 m ³ /h
Airflow capability	60 m ³ /h
Cubage of disinfected room	150 m ³
The effective area of the lamp	60 m ²
Fan noise level	<30 dB
Class of protection against electric shock	I
Ingress Protection Code	IP 20
Class for the medical environment	B-home
Group according to PN-EN 55011 Clause 5	1
Compliance with PN- EN 60601-1	yes
Lamp body dimensions (L x W x H)	1035 x 155 x 250 mm
Overall dimensions (L x W x H)	1035 x 155 x 250 mm
Lamp body mass	10.9 kg
Total lamp mass	11.3 kg
Power cord length	0.3 m

APPLICATION RECOMMENDATIONS:

Hospitals

- hospital's operation theatres
- intensive care units
- hospital emergency rooms
- examination and treatment rooms
- reception units
- patient rooms, isolation rooms
- soiled/dirty utility rooms

Outpatient clinics

Medical laboratories

Chemist's

Beauty salons

HoReCa

- SPA hotels
- hotels
- restaurants
- catering/café

Schools

Kindergartens