

TECHNICAL DATA SHEET

ASEPTOR Basic series



ASB 236 M

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.

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	on mobile stand
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	80 W
UV-C bulbs (Philips/Osram)	2 x 36 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	80 m ³ /h
Airflow capability	35 m ³ /h
Cubage of disinfected room	90 m ³
The effective area of the lamp	35 m ²
Fan noise level	<20 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)	215 x 140 x 890 mm
Overall dimensions (L x W x H)	600 x 600 x 1070 mm
Lamp body mass	9.1 kg
Total lamp mass	12.7 kg
Power cord length	3 m, ended with the socket plug

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