

TECHNICAL DATA SHEET

NBVE series

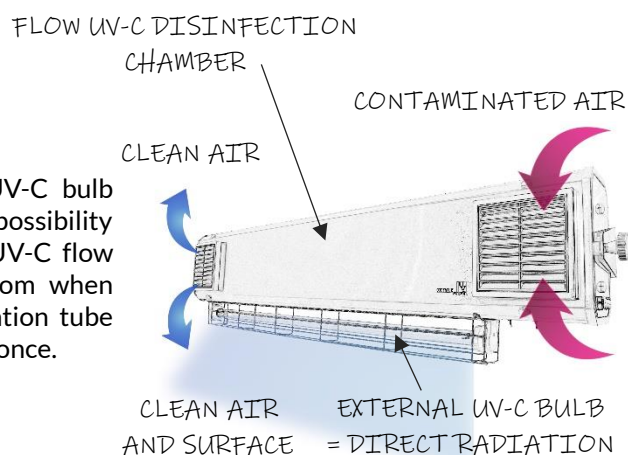


NBVE 110/55 S

DUAL PURPOSE UV-C FLOW GERMICIDAL LAMP

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

Dual purpose UV-C flow germicidal lamps with an external UV-C bulb of direct action guarantee a full range of disinfection. It gives a possibility of intensive disinfection of the air in the presence of people (UV-C flow chamber – function I) and direct disinfection of the whole room when the staff and patients stay outside the room (UV-C direct radiation tube – function II). Functions can be turned on/off separately or both at once.



BASIC DATA:

Airflow disinfection function (flow disinfection chamber)	yes
Direct radiation function	yes
Presence of people, animals, plants inside the room during the disinfection process	allowed / not allowed flow function / direct radiation function
Mounting type	ceiling-mounted
Mounting from two sides of the device	yes (provides stability)
Working time counter	no
External bulbs	yes, 1 bulb
Casing material*	INOX steel
Anti-dust filters	yes, 1 filter inside the device, 5 additional pcs. for each lamp
Switch on/off	2 separate switches to each function 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

*white color version of NBVE lamps on demand in the same price

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TECHNICAL DATA:

Supply voltage	230 V, 50 Hz
Power consumption	145 W
UV-C bulbs (Philips/Osram)	internal: 2 x 55 W (TUV/HNS) external: 1 x 55 W (TUV/HNS)
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 1 m	150 $\mu\text{W}/\text{cm}^2$
Fan capacity	199 m ³ /h
Cubage of disinfected room	45-90 m ³
The effective area of the lamp	18-36 m ²
Class of protection against electric shock	I
Ingress Protection Code	IP 20
Lamp body dimensions (L x W x H)	1125 x 130 x 285 mm
Overall dimensions (L x W x H)	1190 x 130 x 400 mm 1190 x 285 x 215 mm (position on photo 1.1)
Total lamp mass	8.0 kg
Holders length	16.0 cm
Power cord length	1 m

APPLICATION RECOMMENDATIONS:

Hospitals

- operation theatres
- intensive care units
- 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
- restaurants
- catering/café

Schools, kindergartens



1.1 Ultra-Viol's realisation