

TECHNICAL DATA SHEET

# NBVE series

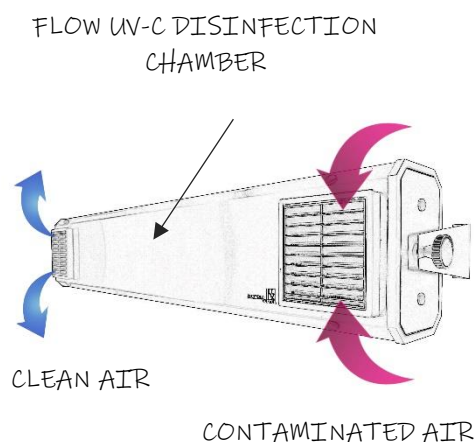


## NBVE 110 S

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 air remains in the disinfection chamber are selected so that 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	ceiling-mounted
Mounting from two sides of the device	yes (provides stability)
Working time counter	no
External bulbs	no
Casing material*	INOX steel
Anti-dust filters	yes, 1 filter inside the device, 5 additional pcs. for each lamp
Switch on/off	no
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	115 W
UV-C bulbs (Philips/Osram)	2 x 55 W (TUV/HNS)
UV-C radiation wave-length	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	-
Fan capacity	199 m <sup>3</sup> /h
Cubage of disinfected room	45-90 m <sup>3</sup>
The effective area of the lamp	18-36 m <sup>2</sup>
Class of protection against electric shock	I
Ingress Protection Code	IP 20
Lamp body dimensions (L x W x H)	1125 x 130 x 215 mm
Overall dimensions (L x W x H)	1190 x 130 x 330 mm 1190 x 215 x 215 mm (position on photo 1.1)
Total lamp mass	7.5 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