

## TECHNICAL DATA SHEET

# NBVE series

### NBVE 110/110 PL RC

#### DUAL PURPOSE UV-C FLOW GERMICIDAL LAMP

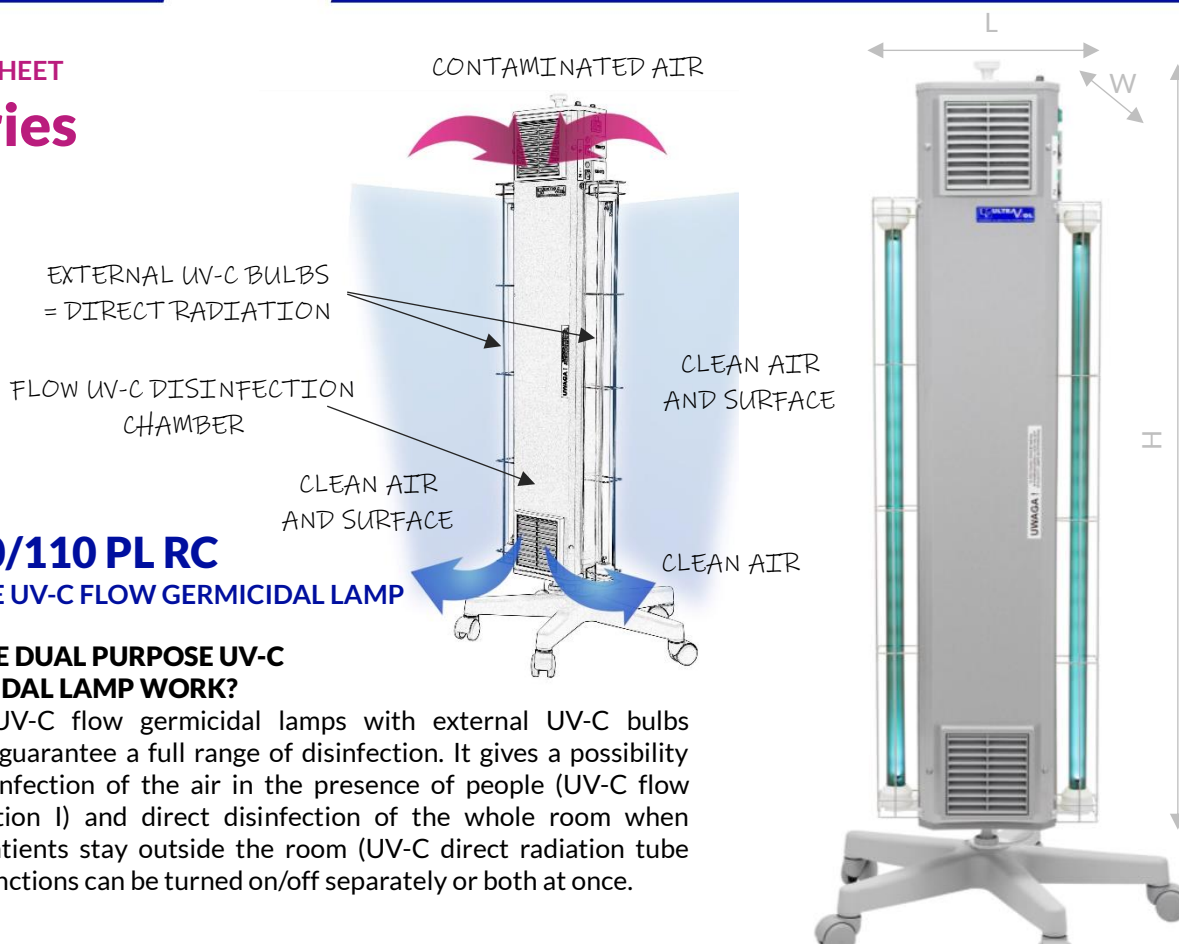
#### HOW DOES THE DUAL PURPOSE UV-C FLOW GERMICIDAL LAMP WORK?

Dual purpose UV-C flow germicidal lamps with external UV-C bulbs 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	on mobile stand
Mounting on five arm mobile stand	yes (provides stability)
Working time counter	yes, 2 inductive mechanical counters, 1 for each function
RC remote control	yes, in standard
External bulbs	yes, 2 bulbs
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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Supply voltage	230 V, 50 Hz
Power consumption	185 W
UV-C bulbs (Philips/Osram)	internal: 2 x 55 W (TUV/HNS) external: 2 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 <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)	355 x 130 x 1125 mm
Overall dimensions (L x W x H)	600 x 600 x 1300 mm
Total lamp mass	12.5 kg
Stand length	118 cm
Power cord length	3 m, ended with the socket plug

#### 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



RC remote control  
provided with lamp