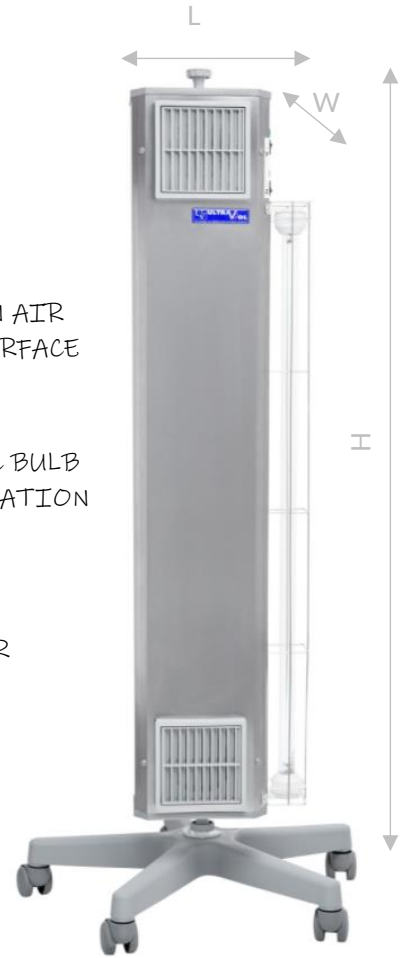
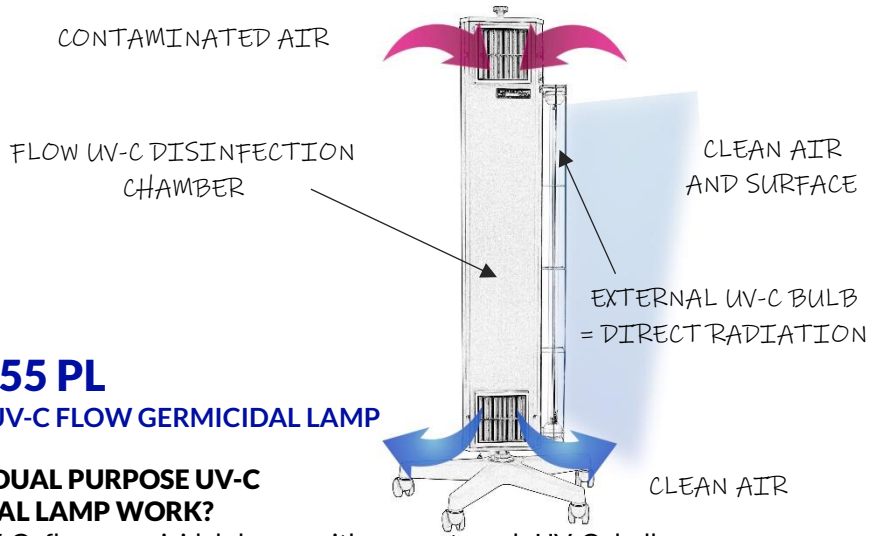


TECHNICAL DATA SHEET
NBVE series



NBVE 110/55 PL
 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:

| | |
|---|---|
| Air flow disinfection function (flow disinfection chamber) | yes |
| Direct radiation function | yes |
| Presence of people, animals, plants inside the room during 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 |
| 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

TECHNICAL DATA SHEET

NBVE series

NBVE 110/55 PL

DUAL PURPOSE UV-C FLOW GERMICIDAL LAMP

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 wave - length | 253.7 nm |
| Useful lifetime of the UV-C bulbs | min. 8000 h |
| Radiation intensity of the external UV-C tube at the distance of 1 m | 150 μ W/cm ² |
| Fan capacity | 199 m ³ /h |
| Cubage of disinfected room | 45-90 m ³ |
| 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) | 285 x 130 x 1125 mm |
| Overall dimensions (L x W x H) | 600 x 600 x 1300 mm |
| Total lamp mass | 12.0 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

Schools, kindergartens



Ultra-Viol's realisation



2 inductive
mechanical counters