

TECHNICAL DATA SHEET

NBV series



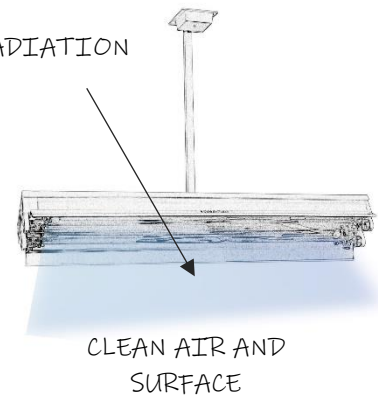
NBV 2x55 SLW

DIRECT RADIATION UV-C GERMICIDAL LAMP

HOW DOES THE DIRECT RADIATION UV-C GERMICIDAL LAMP WORK?

Direct radiation germicidal lamps type NBV are designed to prevent primary and secondary infections of patients and medical personnel caused by airborne pathogenic microorganisms (pathogens). Using direct germicidal radiation in the rooms where infected patients or patients with immune deficiencies are staying, significantly reduces the probability of infection spread by air. Raising the level of microbiological purity of the air and the rooms helps to destroy and reduce the impact of existing outbreaks of pathogens.

DIRECT RADIATION



BASIC DATA:

| | |
|---|--|
| Airflow disinfection function (flow disinfection chamber) | no |
| Direct radiation function | yes |
| Presence of people, animals, plants inside the room during the disinfection process | not allowed |
| Mounting type | ceiling-mounted |
| Working time counter | yes, the digital working time counter with 4-field LED display and acoustic signalling |
| External bulbs | yes, 2 bulbs |
| Casing material | powder lacquered aluminum |
| Reflector material | high-quality reflective aluminum |
| 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 |

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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 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 | 3.6 W/m ² |
| The effective area of the lamp | 22-27 m ² |
| Exposure angle adjustment range | 240° |
| Class of protection against electric shock | I |
| Ingress Protection Code | IP 20 |
| Lamp body dimensions - without holder (L x W x H) | 960 x 85 x 145 mm |
| Total lamp mass | 4.6 kg |
| Extension arm (holder) length: | 50.0 cm |
| Power cord length | 0.8 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

Pharmaceutical industry

Food industry

Cosmetic industry



Ultra-Viol's realisation