

TECHNICAL DATA SHEET

NBV series

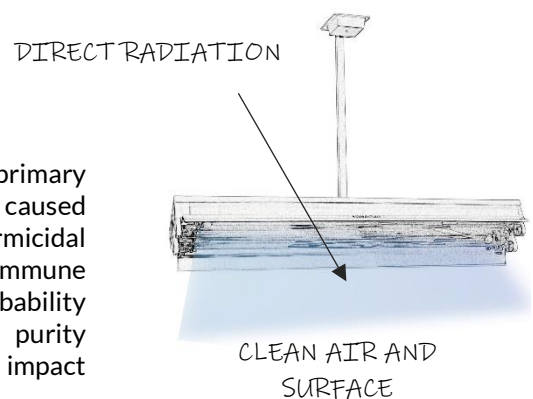


NBV 55 SL

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 impact of existing outbreaks of pathogens.



BASIC DATA:

| | |
|---|---|
| Air flow disinfection function (flow disinfection chamber) | no |
| Direct radiation function | yes |
| Presence of people, animals, plants inside the room during disinfection process | not allowed |
| Mounting type | ceiling-mounted |
| Working time counter | yes, internal digital counter with acoustic signalling, without the display |
| External bulbs | yes, 1 bulb |
| Casing material | powder laquered aluminium |
| Reflector material | high quality reflective aluminium |
| 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 | 60 W |
| UV-C bulbs (Philips/Osram) | 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 1m | 2,9 W/m ² |
| Effective area of the lamp | 15-18 m ² |
| Exposure angle adjustment range | 240° |
| Anti-shock protection class | I |
| Ingress Protection Code | IP 20 |
| Lamp body dimensions | 960 x 85 x 135 mm |
| Total lamp mass | 4,5 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



Digital counter with acoustic signalling, without the display