

Industry: Health

# NBV Series



## Ultraviolet Surface & Air Disinfection Systems

### Direct action germicidal UV-C devices.

Application of direct action antibacterial lamps is one of the most effective methods of disinfection. These devices produce UV-C radiation of wavelength 253.7 nm. This radiation reveals the strongest biocide characteristics and irreversibly deactivates bacteria, viruses, moulds, fungi and other microorganisms.

## The intended use of UV-C germicidal lamps

Due to their high efficiency, antibacterial lamps are used wherever high level of microbiological cleanliness is required and quality and safety of patients and personnel depend on this level of cleanliness:

- Medicine: operating theatres, treatment rooms, delivery wards, sick bays, dentist's;
- Sanatorium, guest houses;
- Pharmaceutical industry, herbal industry, cosmetic industry, pharmacies, laboratories;
- Agricultural and food industry (diaries, slaughterhouses, products packaging);
- Hotel industry and Catering;
- Stations, hotels, discoteques, cinemas.

Depending on a room's usage (sick room, doctor's surgery, operation theatre) lamps should be turned on for 2 – 8 hours. To achieve a temporary disinfection of air in a room (eg. between 2 treatments), turn lamps on for 20-30 minutes.



## CHARACTERISTICS

- Possibility of the effective disinfection of upper layers of the air (rotation at 300° - for portable model);
- Reflection made of high-quality aluminum with characteristics similar to the mirror (high reflectivity), easy to keep clean;
- UV-C tubes Philips or Osram guarantee high efficiency and long-time performance (8000-9000h);
- Material: stainless steel, powder coated.

## ADVANTAGES

- It can be used in the presence of staff when the upper part is rotated towards the ceiling;
- The lamp can be directed to certain surfaces for local disinfection (rotation 300 degrees);
- Hourcounter, Remote Control (Optional);
- Alarm for non-functional lamp (Optional);
- Improved disinfection due to the reflector;
- Orientation device that ensures the rotation of the lamp by approximately 300 degrees vertically and 360 degrees horizontally;
- Protective foil for UV tubes.



## TECHNICAL SPECIFICATIONS

Model	Treated surface	Power requirements (VA)	UV-C tube and power	UV-C radiation intensity at 1m (W/m <sup>2</sup> )	Type of housing	Dimensions (mm)		Weight (kg)
						Upper part	Height of the mobile stand*	
NBV 15P	6 m <sup>2</sup>	25	1x15W	0.9	IP20	465x85x135	1800	2.0
NBV 30P	12 m <sup>2</sup>	40	1x30W	2.3	IP20	925x85x135	1800	3.0
NBV 2x30P	24 m <sup>2</sup>	75	2x30W	3.6	IP20	925x85x145	1800	5.0
NBV 55P	22 m <sup>2</sup>	58	1x55W	2.5	IP20	960x85x155	1800	3.2
NBV 2x55P	45 m <sup>2</sup>	123	2x55W	3.6	IP20	960x85x165	1800	8.5

\*On request the mobile stand can be made with adjustable height

## BENEFITS

- You will have sterilized surfaces and clean air;
- With the help of the hourcounter you know exactly when you need to change the lamp, thus ensuring an optimal disinfection;
- Working in an environment free of harmful microorganisms;
- Eliminate the chances of getting sick;
- Tube protective foil provides safety against hazards (physical, material handling) associated with broken lamps, quartz (glass) fragments and mercury contamination.

## OPTIONAL ACCESSORIES

Can be added as an optional accessory to germicidal lamps with direct NBV radiation.



RC remote control

### Remote Control

Advantages:

- Switching the lamp on / off at a safe distance;
- Possibility to switch on the lamp after leaving the room.



Inductive counter L



Digital counter LW with microprocessor with the display 4 field LED

### Hourcounter

Advantages:

- Acoustic signaling the moment of exchange UV tubes.



**S P E C T R A**

**PROFESSIONAL UV SOLUTIONS**

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