

SMART COMBINATION of productivity and efficiency.



The bactericidal recirculator **OBN PRO 2 FORCED** is designed to disinfect the air with ultra-violet bactericidal radiation when the air is shaken through the UV chamber inside the device.



HOW DOES

2

TYPES of installations

Recirculator is placed horizontally or vertically on the wall in a room, or on a special mobile stand. Recommended installation height at the level of the outlet for the most efficient use of the device is 1.8-2.0 m.

the **OBN PRO 2 FORCED** disinfect

The operating principle of the bactericidal recirculator is based on air disinfection by UV radiation from a low-pressure bactericidal lamp generating radiation with a wavelength of 253.7 nm while providing the required UV bactericidal dose in the air volume.

Bactericidal recirculator provides additional air purification from dust and odors using a fire-proof (FH3) replaceable absorbent carbon air filter.

The level of bactericidal efficiency of air disinfection using a recirculator is ensured against the reference microorganism *Staphylococcus aureus* (*Staphylococcus Aureus*) and applies to the SARS-CoV-2 coronavirus.

No UV irradiation leaks outside the disinfection chamber.



Code	Name	Productivity, m3/hour	Bactericidal Efficiency (for Staphylococcus Aureus),%
1997038680	OBN PRO2 115 FORCED /E/	45	99,0
1997038690	OBN PRO2 130 FORCED /E/	45	99,9
1997038700	OBN PRO2 315 FORCED /E/	90	99,0
1997041540	OBN PRO2 230 FORCED /E/	90	99,9
2775000010	STAND FOR OBN PRO2 FORCED		

Recommended bactericidal lamps.
Technical characteristics of lamps
size T8, base G13



SCHOOL



OFFICE



CANTEEN

Lamp type	Lamp current, A	UV-C Radiation, W	Service life, hour	UV-C Depreciation at service life, %
PHILIPS TUV-15W	0,34	4,7	9000	10
PHILIPS TUV-30W	0,37	11,2	9000	10
OSRAM PURITEC HNS 15W	0,31	4,9	9000	10
OSRAM PURITEC HNS 30W	0,37	12	9000	10
LIGHTTECH LTC 15	0,35	4,8	9000	10
LIGHTTECH LTC 30	0,38	11,3	9000	10



The bactericidal lamp is replaced after 9,000 hours of operation. When replacing the lamps, it is necessary to reset the operating time counter to "0.00" by pressing the reset button installed inside the recirculator once.

ATTENTION! As part of the recirculator, ultraviolet lamps of the UV-C range are used, the direct exposure to ultraviolet radiation of which can cause eye burns and skin erythema.