



EOS UV-Clean

UVC light air disinfection system for saunas or IR cabins

EOS UV-Clean is a wall-mounting air disinfection device for installation e.g. at the fresh air supply of sauna or infrared warming cabins.

Highly effective disinfection, free of chemicals. Works against bacteria, viruses, yeasts.

Advantages and benefits:

- Reliable, continuous, chemical-free disinfection - works against bacteria, viruses, yeasts.
- Up to 99,9% efficiency rate - certified by VDE testing.
- Integrated indicator for UV-tubes replacement. Very low maintenance requirement.
- Very simple installation of the cabin wall.
- Perfect integration into the operation of a sauna in conjunction with an EOS sauna control unit.
- 230V mains cable included. Connection to an EOS control unit optionally possible.
- Made in Germany quality from EOS.

Specifications:

Housing:	Stainless steel, anthracite finish
Chassis, air hub:	Stainless steel
Size (L x W x D):	
• without air hub	600 x 500 x 150 mm
• with air hub	910 x 500 x 150 mm
Disinfection:	UV-C light, chemicals-free air circulation
UV-tube life span:	~4000 h / max. 3 years
Installation:	Wall-mounting
Power:	2x 36 W
Power supply:	230V 1N ~ 50 Hz
Weight:	net 15 kg gross 18 kg



VDE certified efficiency

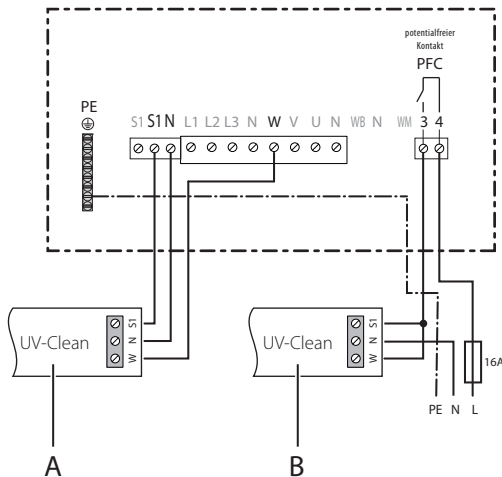
UV-Clean reliably eliminates the following virus and bacteria (e.g. Bacterium coli in the air, Bacterium coli in water, Mycobacterium tuberculosis, Poliovirus, Infectus hepatitis, Influenza, Pseudomonas aeruginosa, Pseudomonas fluorescens, Corona Virus SARS-Cov-2 and yeasts (e.g. baker's yeast) with the efficiency rate >99,9%.



Made in Germany



Connection to a sauna control unit



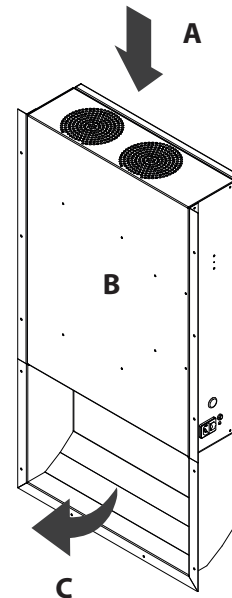
Notice:
The UV-Clean device must be in either case connected to the 230 V power supply with the included mains cord.

- A. Connection via S1 / N / W terminals. Jumper must be set to position JP1A. Function:
- if there is voltage on S1 terminal (heating session on), the the UV-light will be on.
 - if there is voltage on W terminal (heater heats), then the ventilation fans will be on.
- B. Connection via the potential free contact (PFC, e.g. EmoTec D control unit). Jumper must be set to position JP1A. Function:
- UV-light and fans will be switched at once if the PFC is closed (manually or automatically).

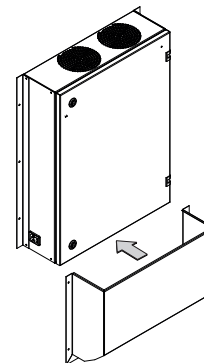
Technical Data

Item number	94 7734		
Size (L x W x D)	600 x 500 x 150 mm - without air hub (air deflector) 910 x 500 x 150 mm - with air hub (air deflector)		
Air disinfection	based on UV-C light treatment, chemicals-free		
Light type	UV-C light		
Light source	2 x Philips 36 W tubes		
UV-C wavelength	254 nm		
Life span of UV tubes	~4000 h / max. 3 years		
Fan capacity	Stage 1	Stage 2	Stage 3
	L/L	M/M	H/H
Air flow rate [m³/h]	40	60	70
Dose [Ws/m²]	174	128	106
Sound pressure level LpA [dB]	42,4	49,6	53,8
Rated power [W]	68	72	74
Device class	Class 100	Class 100	Class 100
Effeciency rate [%]	>99,9	>99,9	>99,9
Power supply	220-240 V N ~ 50 Hz		
Connection	Inlet connector for non-heating apparatus, mains cord included.		
Weight	net 15 kg gross 18 kg		
VDE certified as per	IEC 62471; DIN/TS 67506; VDI 4300; IEC 60335-2-65		

Construction principle



- A. Air input (suction)
B. UV-treatment chamber
C. Air outlet



The air hub is mounted to the unit's body and guides the air into the sauna / IR cabin through an air inlet.

Installation example

