

# CIRCULATING AIR STERILIZATION EQUIPMENT

## ULE500

The ULE500 was developed for effective disinfection of room air. Due to the very quiet fan, the device, which is operated by a pressure switch, can also be used in waiting areas at doctors' surgeries, therapy and social rooms, in the hotel and catering industry and many more.

Due to the special design of the high-quality powder-coated housing, a reliable shielding of the UV-C light for people is guaranteed.



### The Effect

The high-energy UV-C light triggers a photochemical reaction. The wavelength at 253.7nm is absorbed by the cell nucleic acids and, depending on the irradiation dose, leads to the inactivation of viruses, bacteria and fungal spores. Because of this, the UV-C light can be used for targeted inactivation or damaging of up to 99.99% of microorganisms (such as bacteria/viruses, yeasts and molds).

### Equipment/assembly

The high-quality housing is equipped with high efficiency UV-C lamps, a high-performance, very quiet fan and a filter. Furthermore, an LED service indicator is installed for an integrated display of the operating hours.

Delivered plug-in ready with a 3m connection cable.

### Option

- ✓ Available as a stand version, for wall or ceiling mounting

### Technical data

Type	ULE500
Dimensions	H 600 x W 600 x D 150mm (160)
Material housing	Steel powder-coated
Voltage	230 V +/- 10 % (50 Hz)
Power	53 Watt
Noise emission	36dB
Fan power	115m <sup>3</sup> /h
Weight	approx. 15kg
Marking	CE