



Disinfection

## SteriWhite Air Q115

for UVC disinfection of ambient air in rooms  
with constant occupancy

Effectiveness of our UV lamps at  
inactivating SARS-CoV-2 (COVID 19)  
on surfaces confirmed  
by accredited S3-laboratory

### System-Features

- Equipped with high-performance UVC low pressure lamps
- Meets all safety guidelines for UV irradiation
- Modern Design
- With foot or for wall or ceiling mounting

### Advantages

- Chemical-free air disinfection
- Inactivation rate up to 99,99% for viruses, germs and mould spores on surfaces
- No ozone formation
- Very low operating noise

## SteriWhite Air Q115

### Chemical-free UVC disinfection of ambient air

The **SteriWhite Air Q115** is a highly efficient disinfection system for reliably inactivating micro-organisms in ambient air.

Natural air convection and powerful and **very silent fans** (< 39 dB; decibel scale of quiet apartment: 45 dB) inside the housing generate a continuous airflow through the disinfection system, where it is irradiated by UVC low pressure lamps.

The high-energy UVC light initiates a photo-chemical reaction. The wavelength of 254 nm is absorbed by the nucleic acid of each cell which leads to an inactivation of viruses (e.g. COVID-19, influenza), bacteria and mould spores. In the laboratory, an inactivation rate of 99,99% was confirmed for SARS-CoV-2 viruses on surfaces.

With SteriWhite Air Q115 function meets form: Due to its modern design the UVC disinfection system fits in any interior. Its powder-coated sheet steel housing combined with specially developed light traps prevent the leaking of UV irradiation. In addition, no ozone is generated. Thus, SteriWhite Air Q115 does not only meet the safety guidelines for UV irradiation but **can also be used in all rooms with constant occupancy without any health risk.**

SteriWhite Air Q115 is a plug & play disinfection system (connection cable: 3 m) which is available either with foot or alternatively to be mounted on wall or ceiling. Its simply switched on and off by pressing a button.

Our UVC lamps have an extremely long life service of up to 16.000 operating hours. A service-display on the housing gives an early warning for the rare lamp exchange.

### Application fields

Rooms with constant occupancy, especially where a low sound emission is demanded:  
e.g. surgeries, treatment rooms, laboratories, shops, retail stores, bars, clubs, cafeterias, refectories, restaurants, hotels, schools, retirement or special care homes, meeting rooms, conference rooms, receptions, waiting rooms

### Occupational safety

SteriWhite Air Q115 meets the following EG guidelines: CE, EMV 2014/30/EU, Low voltage guideline 2014/35/EU, RoHS 2, 2011/65/EU, Photobiological Safety 2018/EN 62471

### Technical data

Air volume fans	ca. 160 m <sup>3</sup> /h
Air flow rate*	ca. 115 m <sup>3</sup> /h
Dimensions (HxWxD) **	600 x 600 x 100 mm
Wavelength UVC lamp	254 nm
Operating hours UV lamp	up to 16.000
Supply voltage	230 V / 50 Hz
Power consumption	ca. 55 W
Sound level	< 39 dB A (1 m distance)
Weight	ca. 15 kg

\* in standard room air: 20°C, 50 % humidity

\*\* dimensions can vary depending on way of mounting / foot



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