

SteriWhite Air Q900

Equipped with highly effective UVC technology and a subtle, modern design: the SteriWhite Air Q900. The device can be placed freely in rooms and can also be used in training rooms thanks to its quiet operation of ≤ 40 dB(A) at $750 \text{ m}^3/\text{h}$. The air flow and therefore the volume can be switched to two levels at the push of a button. In addition to the free-standing device with wheels, a variant for ceiling or wall mounting is also available.



Areas of application: Waiting areas | Hotel industry | gastronomy

Function: The SteriWhite Air Q900 is our most powerful circulating air disinfection system for the reliable inactivation of microorganisms. Powerful, very quiet fans (≤ 40 dB(A) at $750 \text{ m}^3/\text{h}$; a quiet apartment corresponds to around 45 dB) inside the housing ensure a constant air flow through the disinfection system. The air is directed past UVC low-pressure lamps. The principle of action: The very high-energy, short-wave UVC rays penetrate the cell membrane or virus envelope and disrupt the base pairing of the RNA or DNA by causing the formation of pyrimidine dimers and uridine hydrates. The genetic information is destroyed and the bacteria, viruses (e.g. COVID-19, influenza) and spores can no longer reproduce. The chain of infection has been broken. An inactivation rate of up to 99.99% has been demonstrated for SARS-CoV-2 on surfaces in the laboratory.

Features: With the SteriWhite Air Q900, function meets design: the UVC sterilizer looks great in any room. Its powder-coated sheet steel housing and specially developed light traps prevent UV radiation from escaping. In addition, no ozone is generated. This means that the SteriWhite Air 900 not only complies with the safety regulations for UV radiation, but can also be used without any concerns in rooms where people are present. The SteriWhite Air Q900 is available as a plug & play disinfection device (connection cable: 3 m) on wheels for standing up or alternatively for wall or ceiling mounting. The air purifier is simply switched on and off at the push of a button. Our UVC lamps have an extremely long service life of up to 16,000 operating hours. Changing the lamp is therefore only necessary very rarely and is indicated at an early stage by an LED on the housing.

Option: Available as a standard version, for wall or ceiling mounting

Technical Data

TYPE	Q600
air flow	approx. $600 \text{ m}^3/\text{h}$ (at normal room air: 20°C , 50% humidity)
Dimensions in mm H x W x D	860x860x315
Wavelength UVC lamps	254 nm
Operating hours UVC lamps	up to 16,000 hours
Supply voltage	230V/50Hz
power consumption	approx. 300 W
Emission sound pressure level LPA	$\leq 36 \text{ dB A}$ (at a distance of one meter at maximum volume flow)
Weight	approx. 53 kg
Fastening	Free-standing device on wheels, wall/ceiling mounting