SURFACE STERILIZATION SYSTEM

FS-SYSTEM

The FS-system was especially designed for the sterilization of surfaces. Unwanted microorganisms are often brought in from the outside and adhere to surfaces. The result: Germs, viruses, yeasts and mildews are inevitably distributed through the production environment, can proliferate here and re-contaminate the products. A quality reduction and shortening of the minimum durability are the result.

The FS-UV-C-system of STERILSYSTEMS permits a sterilization of up to 99.999 %; germs, viruses, yeasts and mildews will be effectively eliminated and their proliferation will be stopped.

Design

FS sterilization systems can be used individually and, thanks to their easy installation, they can be adapted to almost any disinfection area.

The system consists of a UV-C radiator (optionally with splinter protection). The socket is made of high-quality stainless steel and is in accordance with the highest hygiene requirements.

The system is completely watertight and is in accordance with IP67. The front-end electronics can optionally be delivered with or without switch cabinet. Monitoring the radiators is possible on request – in case of a failure, this will be displayed through indicator lamps or a floating output telecommunication contact.

Based on the very high service life, the FS-system is very economical. The exchange of the radiators is very simple and can be accomplished with a few hand movements, without additional maintenance costs.

Technical data

Type FS	200 810	300	400 1000	500 1200	600 1500	700 1800
Dimensions installation length in mm	242 852	342	442 1042	542 1242	642 1542	742 1842
Power in Watt	7 40	17	22 52	27 61	32 77	35 92
Flange diameter	50 mm					
Housing material	Stainless steel					
Radiator	high efficiency UV-C radiator (optional with splinter protection) 12,000 h					
Emissions range	253.7 nm					
Cooling	Convection, air flow					
Electrical connection	3	6	10 m					
Voltage	230 V +- 10% 50..60 Hz					
Identification	CE					