

SLM

6/3

Disinfection air-module

The SLM6/3 is used to disinfect the airless area of tanks or containers and to disinfect intake air.



Applications

Ventilation systems | Ventilation ducts
| Airless areas of tanks/containers

The SLM6/3 is used to guide air through three filter stages (G4, F7, H13) for treatment and filtration. Then the air is disinfected by the UV-C module, after which it is blown into the existing tank.

Function Filtering and UV-C disinfection are combined into just one device, allowing for the reliable elimination of dust particles, suspended and polluting materials and microorganisms ; dry, heat-free and chemical-free disinfection

Equipment Module contains three filter stages (G4, F7, H13) and the UV-C module; UV-C emitters are waterproof with a protective glass; switch cabinet contains operating hours counter and remote signaling contact for functional monitoring

Assembly/maintenance The module is mounted upstream of the suction channel; maintenance can easily be performed on the filter and emitter from the outside

Technical data

TYPE	SLM6/3	
Dimensions in mm L x W x H	1830 x 713 x 435	
Housing material	Galvanized steel or stainless steel	
Emitter ST1	UV-C high efficiency / 16,000 h	
Power in W	300	
Voltage	230V ± 10% (50 – 60Hz)	
Connection cable in m	3/6/10	
Weight in kg	70	
Protection class	IP68	
Filter stage 1	Filter class G4 as per EN779:2012	Average degree of separation (Am) of the synthetic test dust (%) G4: 90 ≤ Am
Filter stage 2	Filter class F9 as per EN 779:2012	Minimum effectiveness at 0.4 µm F9 70%, mean effectiveness (Em) of 0.4 µm 95 ≤ Em
Filter stage 3	Filter class H13 as per EN 1822 aerosol filter	Filter class H13 as per EN 1822 aerosol filter