

SLM6/3 (Sterile air module)

The SLM6/3 is used to sterilize the airless area of tanks or containers and to sterilize intake air. The SLM6/3 is used to guide air through three filter stages (G4, F7, H13) for treatment and filtration. Then the air is sterilized by the UV-C module, after which it is blown into the existing tank.



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

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 × 713 × 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	40332
Weight in kg	70
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