



# AIR STERILISATION MODULE

KLM

The STERILSYSTEMS KLM-module is developed for the sterilization of central air conditioning- and ventilation units and substantially contributes to meeting the hygiene requirements as per VDI-Guideline 6022. Often germs, viruses, yeast and mould spores form there, these can also multiply and will distribute throughout production- and work rooms and contaminate the goods. This results in inferior product quality and a health hazard for personnel.



## Construction

The KLM-module is integrated directly into the ventilation channel or ventilation station and coordinated with the required volume of air, this way it can develop its full cleaning effect. The individual installation of the UV-C-module into existing systems is very easy. High quality stainless steel and a high-grade surface satisfy the highest demands.

The moisture-protected UV-C-lamps are placed into the housing so no relevant loss of pressure appears. With a constant optional monitoring, defects are displayed by indicator lamps or a signalling contact. UV-C-emitter exchange is easy and can be done without additional maintenance costs. Upon request we also deliver the UV-C-emitter with a splinter shield.

## Technical data

|                          |                                          |
|--------------------------|------------------------------------------|
| Type                     | KLM                                      |
| Dimensions               | Depeding on the volume flow              |
| Housing material         | Stainless Steel or galvanized            |
| Emitter housing material | Stainless Steel V2A                      |
| Real power               | up to 200.000 m³/h                       |
| Emitter                  | UV-C-emitter ST1 16.000h high efficiency |
| Voltage                  | 230 V ± 10% 50..60 Hz                    |
| Identification           | CE                                       |

## Features

- ✓ **Efficient**  
The KLM-modules are highly efficient in fighting germs
- ✓ **Integrable into existing systems**  
The KLM-system is perfectly integrable into an existing AC-System
- ✓ **Quality for a long time**  
Very long life span of the UV-C-emitters