

KLS (Air sterilization unit)

The KLS units are used for reliable disinfection of the air flow in air conditioning and ventilation systems. Microorganisms formed in the ventilation or supplied from the outside via the fresh air are efficiently inactivated and destroyed with the help of these systems. Sick building syndrome and infections can be reduced with these UV-C air disinfection devices.



Applications: Ventilation housing | Ventilation ducts

Function: KLS system suitable for smaller ventilation systems; supports the hygiene requirements of VDI guideline 6022; Series connection of individual modules possible

Equipment: Moisture-protected UV-C emitter modules with integrated ballast electronics

Assembly/maintenance: Easy installation in ventilation ducts – can be integrated into existing ventilation systems/work processes; (no counter holder) Installation vertically in the ventilation shaft

Option: Version with ozone emitters for additional odour neutralisation possible

Technical Data

| TYPE | KLS |
|----------------------------|------------------------------------|
| Dimensions in mm L x W x H | 446x144x104 |
| Housing material | Stainless steel V4A |
| Spotlight ST1 | 2x UV-C high efficiency / 16,000 h |
| Length of spotlight in mm | 300-1500 |
| Power in W | 26-144 |
| Tension | 230V ± 10% (50 – 60Hz) |
| Connection cable in m | without (required by customer) |
| Weight in kg | 3.3-4.1 |