

VD

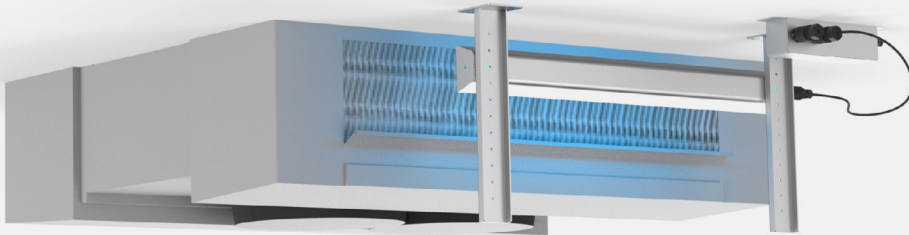
500–1800

Evaporator disinfection



Applications

Evaporators | Heat exchangers |
Refrigerated rooms | Storage rooms



Evaporator disinfection is used for the on-going disinfection of evaporator fins, thereby preventing the formation of a biofilm.

The unit prevents the formation of a biofilm, which has a negative impact on heat and cold transmission and re-contaminates the room air with bacteria and mold. This prevents odor formation in the ventilation system.

Function Keeping fins clean reduces the germ load in the air, optimizes heat transmission and drastically reduces energy costs; no additional chemicals required for disinfection

Equipment The system includes reflectors and mounting consoles that allow for variable adjustment of the height position and targeted disinfection; the electronic ballast is in a water-tight stainless steel housing

Assembly/maintenance Simple, flexible and inexpensive installation for retrofitting any evaporator system

Technical data

| TYPE | VD500 | VD0600 | VD0810 | VD1000 | VD1200 | VD1500 |
|----------------------------|---------------------------------|---------------|---------------|----------------|----------------|----------------|
| Dimensions in mm L x W x H | 600 x 53 x 88 | 700 x 53 x 88 | 910 x 53 x 88 | 1100 x 53 x 88 | 1300 x 53 x 88 | 1600 x 53 x 88 |
| Housing material | AISI304 stainless steel | | | | | |
| Emitter ST1 | UV-C high efficiency / 16,000 h | | | | | |
| Power in W | 23 | 29 | 40 | 50 | 61 | 77 |
| Voltage | 230V ± 10% (50 – 60Hz) | | | | | |
| Connection cable in m | 3 incl. Schuko plug | | | | | |
| Weight in kg | 2 | 2.1 | 2.4 | 2.7 | 3 | 3.4 |
| Protection class | IP68 | | | | | |