

## VD500 - 1800 (Evaporator Disinfection)

Evaporator disinfection is used for the ongoing disinfection of evaporator fins, thereby preventing 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.



**Applications:** Evaporators | Heat exchangers | Refrigerated rooms | Storage rooms | Central ventilation

**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 & 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 & 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 × 53 × 88	700 × 53 × 88	910 × 53 × 88	1100 × 53 × 88	1300 × 53 × 88	1600 × 53 × 88
Housing material	V2A stainless steel	V2A stainless steel	V2A stainless steel	V2A stainless steel	V2A stainless steel	V2A stainless steel
Emitter ST1	UV-C high efficiency / 16.000 h	UV-C high efficiency / 16.000 h	UV-C high efficiency / 16.000 h	UV-C high efficiency / 16.000 h	UV-C high efficiency / 16.000 h	UV-C high efficiency / 16.000 h
Power in W	23	29	40	50	61	77
Voltage	230V ± 10% (50 – 60Hz)	230V ± 10% (50 – 60Hz)	230V ± 10% (50 – 60Hz)	230V ± 10% (50 – 60Hz)	230V ± 10% (50 – 60Hz)	230V ± 10% (50 – 60Hz)
Connection cable in m	3 incl. Schuko plug	3 incl. Schuko plug	3 incl. Schuko plug	3 incl. Schuko plug	3 incl. Schuko plug	3 incl. Schuko plug
Weight in kg	2	2.1	2.4	2.7	3	3.4