

TR200 - 1800 (Air and water disinfection system)

The TR system is used to sterilize air flows in central air conditioning and ventilation systems, and to sterilize process water. With its many different applications, the TR system provides reliable disinfection in any moist environment. It is installed in the wall of the ventilation duct or water tank using a customized flange system and optional counter support.



Applications: Ventilation housing | Ventilation ducts | Water tanks | Process water | OEM machinery and system construction

Function: The UV-C module is installed directly in the air duct/water tank

Equipment: Ballast unit available separately or installed in the switch cabinet; high-quality, sealed UV-C emitter IP68

Assembly/maintenance: Easily exchange the emitter via a screw-in socket; three attachment options are available:

Standard flange = TR

Installation in air conditioning/ventilation duct = TRKL

Installation in tank = TRT

Option: LED indicator for easier functional controlling, remote signaling contact for function monitoring. Cable lengths 3 / 6 / 10 m

Technical Data

Type	TR200	TR300	TR400
Dimension in mm	D30 × L250	D30 × L350	D30 × L450
Housing material	V4A stainless steel		
Emitter ST1	1× UV-C high efficiency / 16.000 h		
Power with Hg in W	7	13	18
Power with Amalgam in W			55
Voltage	230V ± 10% (50 – 60Hz)		
Connection cable in m	3 / 6 / 10		
Weight in kg	0,47	0.5	0.54
Protection class	waterproof		

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Type	TR500	TR600	TR700	TR810
Dimension in mm	D30 × L450	D30 × L650	D30 × L750	D30 × L860
Housing material	V4A stainless steel			
Emitter ST1	1× UV-C high efficiency / 16.000 h			
Power with Hg in W	23	29	35	40
Power with Amalgam in W				110
Voltage	230V ± 10% (50 – 60Hz)			
Connection cable in m	3 / 6 / 10			
Weight in kg	0.57	0.6	0.62	0.67
Protection class	waterproof			

Type	TR1000	TR1200	TR1500	TR1800
Dimension in mm	D30 × 1050	D30 × 1250	D30 × 1550	D30 × 1850
Housing material	V4A stainless steel			
Emitter ST1	1× UV-C high efficiency / 16.000 h			
Power with Hg in W	50	61	77	92
Power with Amalgam in W				
Voltage	230V ± 10% (50 – 60Hz)			
Connection cable in m	3 / 6 / 10			
Weight in kg	0.73	0.78	0.8	0.83
Protection class	waterproof			

