

DISINFECTION
99.99%

SPECIFICATION SHEET

TS IMMERSION RADIATOR UNIT

Water disinfection perfected

The TS Immersion Radiator Unit is designed for water disinfection in various applications such as water tanks, air washers, humidifiers, and cooling towers.

When positioned directly in a reservoir, it effectively disinfects the service water and prevents the formation of biofilms in the tank and on exposed surfaces, ensuring optimal hygiene and performance. This unit is suitable for full immersion (up to IP68).



SPECIFICATIONS

Short name	UVpro TS 40		
In conformity with requirements	EMC, CE, IP68		
Material	Stainless Steel: WN 1.4301 and WN 1.4305		
Operating temperature [°C]	+2... +40		
Suitable UVpro lamp	UVpro K20-4	UVpro K30-4	UVpro K40-4
Input power [W]	21	31	41
Current flow [mA]	110	145	195
Total UVC output [$W_{253.7nm}$]	7	11	16
Lamp intensity at 1 m [$\mu W/cm^2$]	65	95	150
Lamp length from screw joint [mm]	371	556	814
Weight [kg]	3.0	3.05	3.13
Screw joint, wrench size [mm]	34		
Lamp replacement interval [h]	12,000 (75 % \pm 5 % output performance)		
Life expectancy electronics	>10 years		
Supply voltage [V_{AC}]	220-240 (50-60Hz)		
Cable length [m]	10 (length customisable)		