

DISINFECTION
99.99%

SPECIFICATION SHEET



FM FLANGE UNIT

Maximum flexibility

The FM Flange Unit is a versatile UV-C disinfection component designed for maximum flexibility in use and performance. It is suitable for air, water, and surface disinfection, making it ideal for installation in air ducts, storage tanks, and surface treatment in crate washers.

The module is available in mono and duo configurations, allowing for tailored applications. The stainless steel module is easy to install and is suitable for full immersion.

“Easy installation, suitable for full immersion (IP68). For air ducts, tanks, basins, and in facilities”

SPECIFICATIONS

Short name	UVpro FM		
In conformity with requirements	EMC, CE, IP68		
Material	Stainless Steel: WN 1.4301 and WN 1.4305		
Operating temperature [°C]	0... +40		
Suitable UVpro tube	UVpro K(T)20-4	UVpro K(T)30-4	UVpro K(T)40-4
Type [mono / duo]	UVpro FMM 40 / UVpro FMD 40	UVpro FMM 40 / UVpro FMD 40	UVpro FMM 40 / UVpro FMD 40
Input power [W]	21 / 42	31 / 62	41 / 82
Current flow [mA]	110 / 210	145 / 290	195 / 390
Total UVC output [$W_{253.7nm}$]	7 / 14	11 / 22	14 / 28
Tube intensity at 1 m [$\mu W/cm^2$]	65	95	145
Tube length from screw joint [mm]	371	556	814
Weight [kg]	2.65 / 3.2	2.7 / 3.25	2.75 / 3.3
Screw joint, wrench size [mm]	34	34	34
Tube replacement interval [h]	12,000 (75 % \pm 5% output performance)	12,000 (75 % \pm 5% output performance)	12,000 (75 % \pm 5% output performance)
Life expectancy electronics	> 10 years	> 10 years	> 10 years
Supply voltage [V_{AC}]	220...240 (50...60 Hz)	220...240 (50...60 Hz)	220...240 (50...60 Hz)
Cable length, grid / tube [m]	10 (customisable) / 1	10 (customisable) / 1	10 (customisable) / 1