

DISINFECTION
99.99%

SPECIFICATION SHEET

KM40 CHANNEL MODULE

*"A proven technology
for long-lasting use with
easy installation"*

For supply and exhaust air ducts

The KM Channel Module, with its proven technology and long-lasting use, is designed for seamless integration into supply and exhaust air ducts.

From their simple assembly process and ability to be retrofitted into existing technology, they provide a calculated and effective disinfection option. Air volume and other influencing metrics determine the number of devices required.

SPECIFICATIONS

Short name	UVpro KM		
In conformity with requirements	EMC, CE, IP66		
Material	Stainless Steel: WN 1.4301 and WN 1.4305		
Operating temperature [°C]	0... +40		
Type [duo]	UVpro KMD 40		
Suitable UVpro tube	UVpro K(T)20-4	UVpro K(T)30-4	UVpro K(T)40-4
Input power [W]	42	62	82
Current flow [mA]	210	290	390
Total UVC output [$W_{253.7nm}$]	14	22	32
Lamp intensity at 1 m [$\mu W/cm^2$]	65	95	150
Lamp length from screw joint [mm]	371	556	814
Weight [kg]	3.3	3.35	3.43
Screw joint, wrench size [mm]	34	34	34
Lamp 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 (length customisable)	10 (length customisable)	10 (length customisable)