

**Air duct module** - air disinfection, calculated and effective



**UVpro** KM air duct devices are designed for first-time or subsequent installation in supply and exhaust air ducts. Air volume and other influencing parameters determine the number of required devices. Software-based calculation of the disinfection efficiency. Easy installation and maintenance with maximum UVC output.

- For supply and exhaust air ducts
- Easy installation, also subsequently
- Number and type of tubes according to calculation
- Proven technology for long-lasting use



## SPECIFICATIONS. Technical changes reserved

Short name	<b>UVpro KM</b>		
In conformity with requirements	EMV, CE, IP51		
Material	stainless steel: WN 1.4301 and WN 1.4305		
Operating temperature [°C]	0...+40		
<b>Type [duo]</b>	<b>UVpro KMD 40</b>		
Suitable <b>UVpro</b> tube	<b>UVpro</b> K(T)20-2/-4	<b>UVpro</b> K(T)30-2/-4	<b>UVpro</b> K(T)36-2/-4
Input power [W]	42	62	82
Current flow [mA]	210	290	390
Total UVC output [W253,7 nm]	14	22	32
Tube intensity at 1 m [ $\mu\text{W}/\text{cm}^2$ ]	65	95	150
Tube length from screw joint [mm]	371	556	814
Weight [kg]	3,3	3,35	3,43
Screw joint, wrench size [mm]	34		
Tube replacement interval [h]	12.000 (75 % $\pm 5$ % output performance)		
Life expectancy electronics	> 10 years		
Supply voltage [VAC]	220...240 (50...60 Hz)		
Power cable length [m]	10 (length customisable)		

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Schnitt B-B

