

UV Disinfection Equipment (Medium pressure) Standard System „Serie UXPM AW“

For waste water disinfection:

- Disinfection up to 84 m³/h per reactor (depending on UV transmission and irradiation H)
- Irradiation H according to application 250, 400 J/m²
- Power of UV lamps 2.000 W up to 7.000 W per reactor
- Simple handling and maintenance
- Modular installation possible
- Compact construction
- Variable flange measurements and arrangement
- Installation horizontally and vertically possible



Standard: Switch cabinet made from sheet steel,
optionally stainless steel

Operational Area of system UXPM AW:

- Waste water disinfection
- Plants for rain water and grey water
- Cooling water circuits and air conditions
- Agriculture and pisci culture
- Swimming pool (reduction of chloramine)

Features Of System UXPM AW:

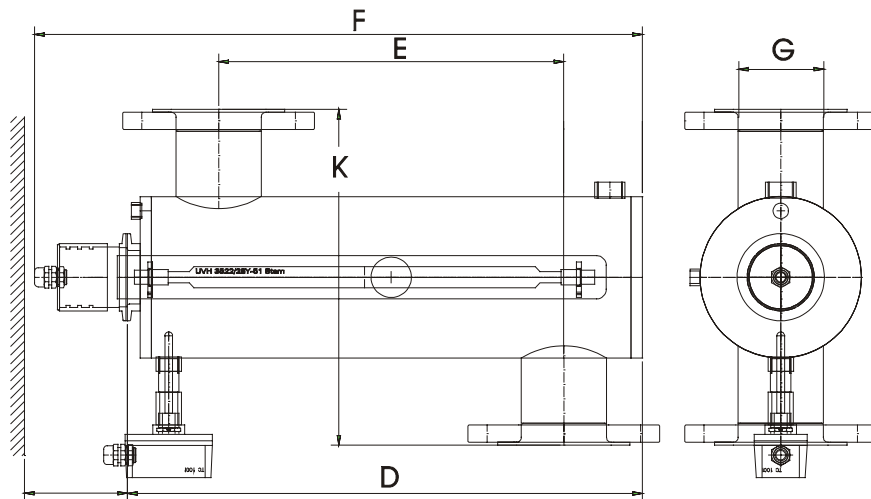
- Reactor material: stainless steel (outside electrolytically polished)
- Material: 1.4301, optionally 1.4571
- Standard flanges according DIN 2642, 2632; DIN 2999 (other flanges optionally)
- UV System with well price performance ratio

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The UV Systems Consist Of:

- Reactor made from stainless steel 1.4301 with quartz tube and UV medium pressure lamp (2.000, 3.500, 5.000 and 7.000 W)
- Switch cabinet made from sheet steel with ballast, V/A meter, operation hours counter, switch and UV monitoring unit (400 V; 50/60 Hz) incl. temperature controlling
- Equipment with electronic ballast (ALP) optionally

Drawing Of Reactor:



Technical Data:

Type	Measurements [mm]					P[W]	V [m ³ /h] ¹	Tmin ² [%/1cm]
	D	E	F	G	K			
UXPM AW 23	412	250	509	DN 65	350	2.000	23	45
UXPM AW 42	537	360	634	DN 80	350	3.500	42	45
UXPM AW 62	602	425	699	DN 100	350	5.000	62	45
UXPM AW 84	952	715	1.049	DN 125	400	7.000	84	45

The measurements of the UV systems can vary according to configuration and selection of flanges. Other sizes of UV Systems and modification on request.

¹ Attention:

This flow is only valid at an UV transmission of 65 %/ 1 cm and an irradiation of 400 J/m². Alternating flows can be taken out of the actually technical data sheet.

² Minimum of UV transmission (The allowable flow decreases at lower UV transmission.)