

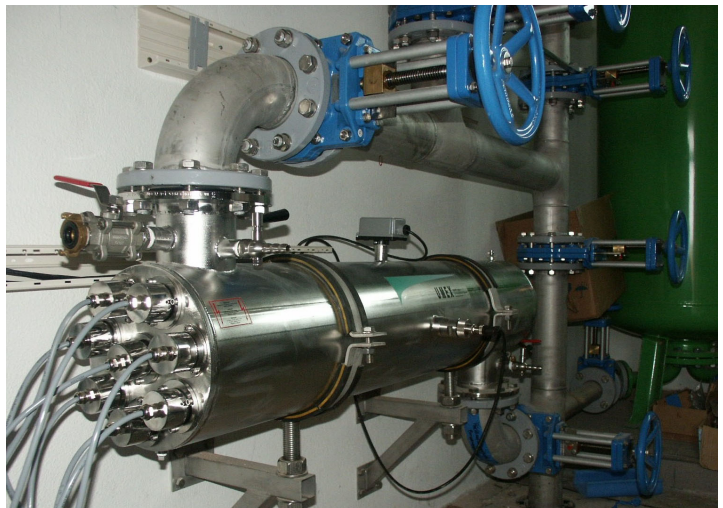
UV Disinfection Equipment Standard System „Serie UXP AW“

For Disinfection of water contaminated by bacteria:

- Disinfection of 9,3 – 78,0 m³/h per reactor (depending on UV transmission and irradiation H)
- Irradiation H according to application 250, 400 J/m²
- Power of UV lamps 170 W or 300 W
- Simple handling and maintenance
- Modular installation possible
- Small required space
- Variable flange measurements and arrangement
- Installation horizontally and vertically possible

Operational Area Of System UXP AW:

- Disinfection of waste water
- Plants for rain water and grey water
- Cooling water circuits and
- air conditions
- Agriculture and pisci culture



Features Of System UXP AW:

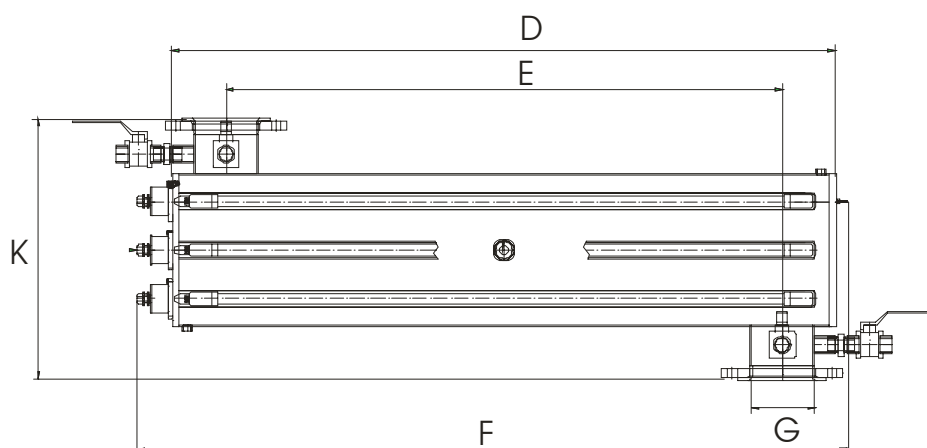
- Reactor material: stainless steel (outside electrolytically polished)
- Material: 1.4301, optionally 1.4571
- Standard flanges according DIN 2642, 2632; DIN 2999 (other flanges optionally)
- Air bleed valve and drain valve in bottom gasketed with Teflon
- UV System with well price performance ratio

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The UV Systems Consist Of:

- Reactor made from stainless steel 1.4301 with quartz tube and various UV low pressure lamp (170 W or 300 W)
- Switch box made from sheet steel with electronic ballasts, operation display, operation hours counter, switch and UV monitoring unit (230 V; 50/60 Hz)

Drawing Of Reactor:



Technical Data:

Type	Measurements [mm]					P [W]	N Lamp	V [m ³ /h ₁]	Tmin ² [%/1cm]
	D	E	F	G	K				
UXP AW 124	1.250	1.000	1.400	DN 65	340	170	4	12,4	64
UXP AW 195	1.625	1.450	1.700	DN 65	330	300	3	19,5	60
UXP AW 300	1.625	1.450	1.700	DN 80	400	300	4	31,3	55
UXP AW 352	1.625	1.450	1.700	DN 100	450	300	5	35,2	55
UXP AW 585	1.625	1.450	1.700	DN 100	500	300	6	58,5	64
UXP AW 668	1.625	1.450	1.700	DN 125	550	300	7	66,8	59
UXP AW 775	1.625	1.450	1.700	DN 125	550	300	8	77,5	57

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. Other flows can be taken out of the actually technical data sheet.

² Minimum of UV transmission (The allowable flow sinks with decreasing UV transmission.)