

# UV Disinfection Equipment (Medium pressure) Standard System „Serie UXPM BA”

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## For swimming bath disinfection/Decomposition of organic chlorine:

- Irradiation H according to application 400, 600 J/m<sup>2</sup>
- Power of UV lamps 1.000 W up to 3.500 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 BA:

- 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 BA:

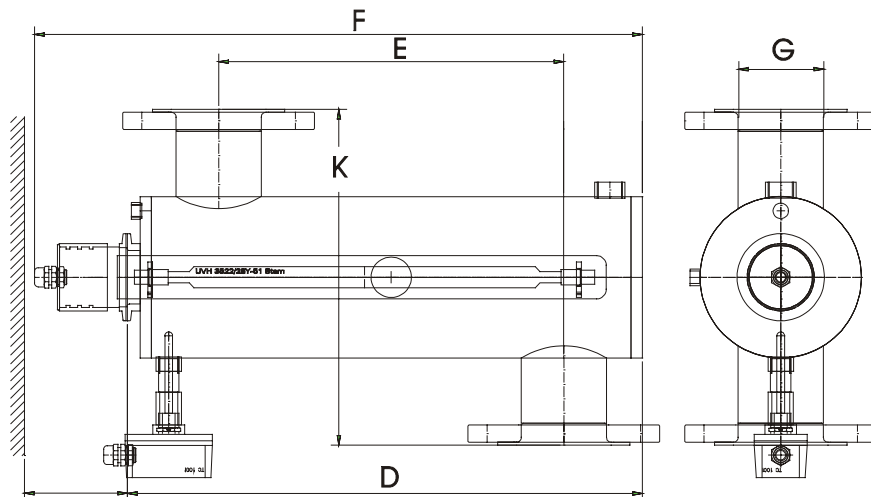
- Reactor material: stainless steel (outside electrolytically polished)
- Material: 1.4301, optionally 1.4571
- Standard flanges according DIN 2642, 2632; DIN 2999 (other flanges optionally)
- UV System with well price performance ratio

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### The UV Systems Consist Of:

- Reactor made from stainless steel 1.4301 with quartz tube and UV medium pressure lamp (1.000 up to 3.500 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 <sup>3</sup> /h] <sup>1</sup>	Tmin <sup>2</sup> [%/1cm]
	D	E	F	G	K			
<b>UXPM BA 20/10</b>	415	250	510	DN 65	400	1.000	20	80
<b>UXPM BA 35/18</b>	602	425	699	DN 80	400	1.750	36	80
<b>UXPM BA 50/25</b>	670	490	765	DN 100	400	2.500	56	80
<b>UXPM BA 70/35</b>	955	718	1.050	DN 125	450	3.500	80	80

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

#### <sup>1</sup> Attention:

This flow is only valid at an UV transmission of 90 %/ 1 cm and an irradiation of 600 J/m<sup>2</sup>. Alternating flows can be taken out of the actually technical data sheet.

<sup>2</sup> Minimum of UV transmission (The allowable flow decreases at lower UV transmission.)