

UV Disinfection Equipment Standard System „Serie MIP P“

For Disinfection of water contaminated by bacteria:

- Disinfection of 50 – 1.400 l/h per reactor (depending on UV transmission and irradiation H)
- Irradiation H according to application 250, 400, 800, 1.200 J/m²
- Power of UV lamps 16 W up to 25 W per reactor
- Simple handling and maintenance
- Modular installation possible
- Small required space
- Variable flange measurements and arrangement
- Installation horizontally and vertically possible



Operational Area Of System MIP P:

- Disinfection of process water
- Disinfection of drinking water (only for private use)
- Preparation of ultra-high-purity water (TOC decomposition) for certain applications¹
- Cooling water circuits and air conditions
- Agriculture and pisci culture
- Swimming baths & whirlpool baths (vide extra information sheet)

Features Of System MIP P:

- Reactor material: stainless steel (outside electrolytically polished)
- Material: 1.4301, optionally 1.4404 or 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

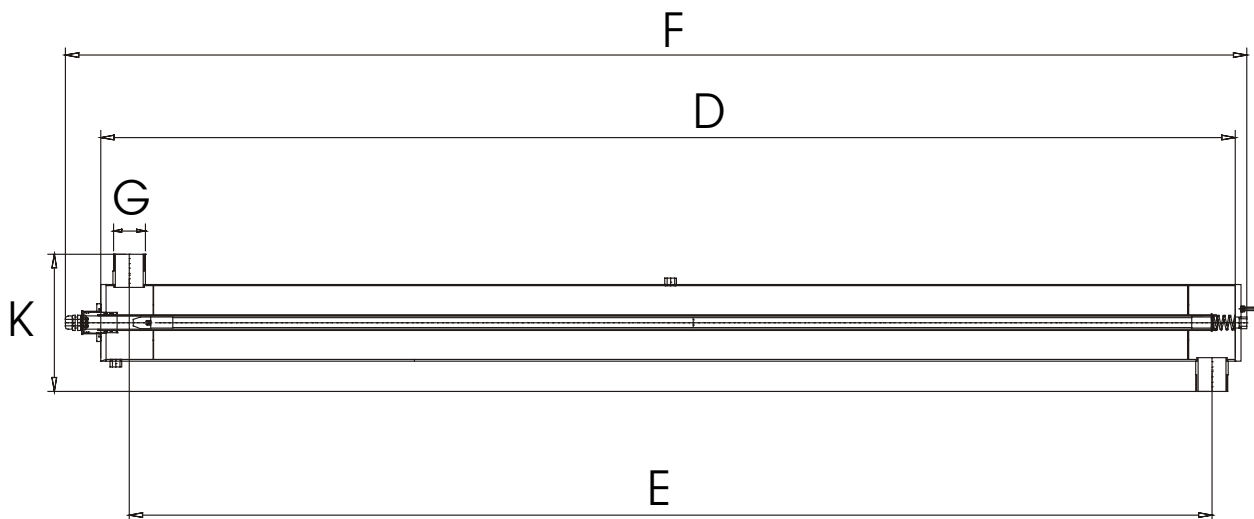
¹ Special applications with serie EL-LE

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The UV Systems Consist Of:

- Reactor made from stainless steel 1.4301 with quartz tube and UV low pressure lamp (16 W; 25 W)
- Switch box made from thermoplastic with ballast, plug and switch (230 V; 50 Hz)
- Operation hours counter and UV monitoring unit optionally

Drawing Of Reactor:



Technical Data:

Type	Measurements [mm]					P[W]	V [l/h] ²	Tmin ³ [%/1cm]
	D	E	F	G	K			
MIP P 217	400	340	470	½"	98	16	220	51 %
MIP P 009	425	340	480	¾"	163	16	900	93 %
MIP P 014	547	460	600	¾"	163	25	1.400	97 %

Other system sizes and modification on request.

² Attention:

This flow is only valid at an UV transmission of 98% / 1 cm and an irradiation of 400 J/m². Alternating flows can be taken out of the actually technical date sheet.

³ Minimum of UV transmission (The allowable flow decreases at lower UV transmission.)