

UV Disinfection Equipment

Standard System Serie „MIP/VAP P“ For Circulation Water

For Disinfection of water contaminated by bacteria:

- Disinfection up to 30 m³/h per reactor (depending on UV transmission and irradiation H)
- Irradiation H according to application 250 – 400 J/m²
- Power of UV lamps 16 - 300 W per reactor
- Simple handling and maintenance
- Modular installation possible
- Small required space
- Variable flange measurements and arrangement
- Installation horizontally and vertically possible

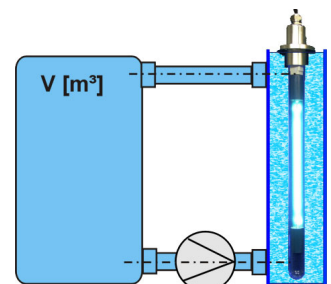


Operational Area Of System MIP P/VAP P:

- Disinfection of private swimming baths (circulation of total volume during 4 h is valid as guide value)
- Cooling water circuits and air conditions
- Agriculture and pisci culture
- Swimming baths & whirlpool baths

Features Of System MIP P/VAP P:

- Reactor material: stainless steel (outside electrolytically polished)
- Material: 1.4301
- 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



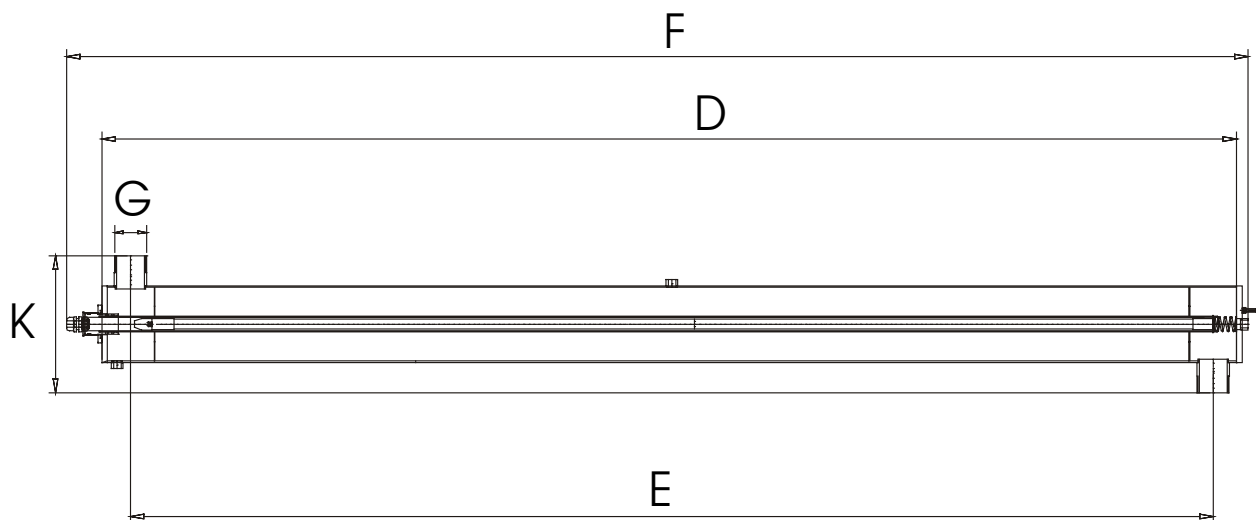
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The UV Systems Consist Of:

- Reactor made from stainless steel 1.4301 with quartz tube and UV low pressure lamp (16 W - 300 W)
- Switch box made from thermoplastic with ballast, plug, operation hours counter and switch (230 V; 50 Hz)
- UV monitoring unit with sensor and switch box made from stainless steel optionally

Drawing Of Reactor:



Technical Data:

Type	Measurements [mm]					P[W]	V [m ³ /h ¹]	Volume circuit [l]
	D	E	F	G	K			
MIP P 009	425	340	480	¾"	163	16	0,8	3.200
MIP P 014	547	460	600	¾"	163	25	1,3	5.200
VAP P 033	942	850	1.005	1"	163	36	3,0	12.000
VAP P 056	950	850	1.005	1¼"	205	60	5,1	20.400
VAP P 073	950	850	1.005	1¼"	205	120	6,7	26.800
VAP P 153	1.205	1.050	1.300	2"	225	170	13,5	54.000
VAP P 190	1.205	1.050	1.300	DN 65	350	170	16,3	65.200
VAP P 362	1.620	1.450	1.700	DN 80	400	300	31,1	124.400

¹ Attention:

This flow is valid is valid for UV transmission of 94% / 1 cm and an irradiation of 400 J/m². Alternating flows can be taken out of the actually technical date sheet.