UV System DULCODES LP F&B

Chemical-free disinfection of production water for the food and beverage industry

UV system with hygienic design of radiation chamber. For reliable disinfection and constant quality in your production process.
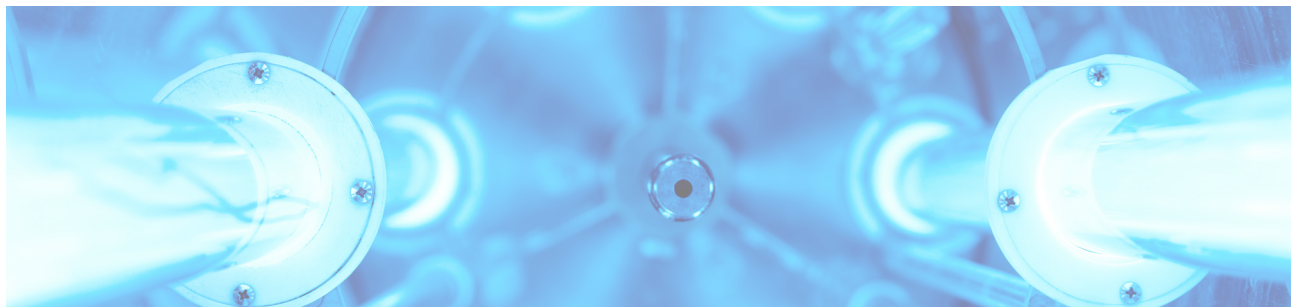
Technical Details

- Comprehensively certified to internationally recognised DIN-DVGW / ÖNORM / SVGW / ACS / EPAUVDGM standards.

- The unique combination of electronic ballast technology and the VARIO-Flux lamps enables the system to be quickly and precisely dimmed over a broad capacity range of up to 50%.

- Stainless steel control cabinet with IP 66 degree of protection.

- Suitable for integration into CIP (cleaning in place) circuits.

- High-grade stainless steel 1.4404/316L reactor hydraulically optimised by means of computer simulation.

- High-output amalgam lamps "VARIO-Flux" with dynamic lamp heating.

- Guaranteed lamp service life of 14,000 operating hours (pro rata).

- Electronic ballasts for gentle lamp ignition, operation and individual monitoring as well as control.

- DIN DVGW/ÖVGW UVC sensor 160° opening angle, highly selective and age-stable, integrated in the measuring window.

- Various options for simple integration of the system in higher-level control systems thanks to many analogue and digital interfaces and connectors.

- Data logger: all relevant operating data and events are saved on the SD card and can be simply and conveniently visualised with an analysis programme.

DULCONNEX

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Technical Data

Type	Max. flow rate*	Lamp power	Connected load	Radiation chamber length	Free space needed for maintenance	Diameter	Connector width
	m³/h	W	kW	mm	mm	mm	Tri clamp
1x350 LP	48	370	430	1640	1465	168	DN 100
2x350 LP	109	2x370	835	1640	1465	256	DN 150
3x350 LP	168	3x370	1,240	1885	1565	324	DN 200

* 98E%/cm transmission; flows certified to DIN-DVGW 19294 / ÖNORM / SVGW / ACS

Lamp type	Low-pressure lamp VARIO Flux
Control type	Comfort controller
Permissible operating pressure	10 bar
Min. ambient temperature	5°C
Max. ambient temperature	40°C
Permissible water temperature	2…70°C
Enclosure rating	IP 66