

# UV System DULCODES LP-PE Plastic

Chemical-free and reliable disinfection of water containing salt, such as seawater or thermal water.

**Pro**minent®



**Disinfection of saline/seawater or thermal water with corrosion-resistant reactor the UV system DULCODES LP-PE. The UV system consists of a reactor and a UV sensor made of highly UV-resistant plastic.**

## Technical Details

- Reactor made of UV-stabilised high-density HD-PE
- High-performance and highly efficient low-pressure amalgam lamps VARIO Flux with dynamic lamp heating
- Guaranteed (pro rata) lamp service life: 14,000 hours of operation
- Long-term stable UVC sensor made of PTFE for continuous monitoring of the system, factory calibrated in accordance with the DVGW standard.
- Control cabinet made of coated steel
- Single-lamp system: equipped with either a Compact controller or Comfort controller UVCb
- 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.



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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	W	mm	mm	mm	DIN / ANSI
1x350 LP-PE	35	1x370	430	1590	1565	140	DN 80
2x350 LP-PE	123	2x370	835	1590	1565	280	DN 125
3x350 LP-PE	252	3x370	1,240	1590	1565	400	DN 200
4x350 LP-PE	328	4x370	1,645	1590	1565	400	DN 200
6x350 LP-PE *	505	6x370	2,455	1590	1565	500	DN 300

\* permissible operating pressure 3 bar

Lamp type	Low-pressure lamp VARIO Flux
Control type	Comfort controller, optionally compact controller
Permissible operating pressure	4 bar
Ambient temperature	5–40 °C with comfort control, 5–35>°C with compact control
Permissible water temperature	5...30°C
Enclosure rating	IP 66

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