

## PURION PRO Multiplants 2500 / 8 for UV based disinfection of liquids

... is characterized by compact construction design. The construction follows laws, standards and regulations.



The PURION Multiplant 2 x 4 PURION PRO 2500 is designed to enable UV based disinfection for high flow rates even in case of very low UVC transmission.

The assembly is carried out in a rack made from grooved aluminium. 2 x 4 reactors 2500 are operated in series.

The plant can be configured to be operated in hot water applications.

The Electric Control Cabinet can be optionally made from Stainless steel or steel powder-coated.

The Electric Control Cabinet can be equipped with the PURION Operating Time Counter (OTC2). Optionally the PURION Electric Control Cabinet can be equipped with the PURION Operating Power Detection (OPD2) (monitoring of one UV-reactor).

The potential free contact D1-D2 (error amount signaling) enables easy integration into existing remote monitoring systems.

product line	PURION PRO Multiplant 2500 / 8
flow rate for given UVC transmission	>20% T <sub>1</sub> cm: 8,5 m³/h >10% T <sub>1</sub> cm: 6 m³/h
dose	400 J/m²
dimension (L x W x H mm)	approx. 600 x 400 x 1.200
weight	85 kg
number of lamps	8
max. working pressure	10 bar
electrical connection	PURION Electric Control Cabinet 1: • 3 ~/N/PE 50 Hz 400/230V • L/N/PE 50 Hz 230V
total power	8 x 90W or 8 x 106W (depending on configuration)
over current protection	3 x 6A
configuration rack	grooved aluminium

### The PURION PRO Multiplants are applied at:

coolant/ lubricant

circulation water from washing processes

applications in agriculture

### Selected options for configuration

- configuration as PURION H
- Operating Time Counter (OTC2)
- Operating Power Detection (OPD2)
- main alert for controlling (visual error amount signalling on the cabinet door, in addition to the potential free contact D1-D2)