

PURION Multiplants 2501 / 4 for UV based disinfection of liquids

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



The PURION Multiplant PURION 2501 / 4 is designed to enable UV based disinfection for high flow rates up to 40 m³/h.

The assembly is carried out in a rack made from grooved aluminium. 2 x 2 PURION 2501 reactors are operated in series.

Stainless steel distribution pipes distribute and combine the water flow. This guarantees reliable disinfection.

The water inlet and outlet can optionally be designed with a 2" external thread or with a Tri-Clamp DN40.

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

The Electric Control Cabinet can be equipped with the PURION Operating Time Counter (OTC2).

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

product line	PURION Multiplant 2501 / 4
flow rate for given UVC transmission	>90% T ₁ cm: 40 m ³ /h
dose	400 J/m ²
dimension (L x W x H mm)	approx. 600 x 470 x 1.100
weight	60 kg
number of lamps	4
max. working pressure	10 bar
electrical connection	110 -240 VAC 50/60 Hz
total power	4 x 90W or 4 x 106W (depending on configuration)
over current protection	10 A
configuration rack	grooved aluminium

The PURION Multiplants are applied at:

drinking water

cooling water

process water

Selected options for configuration

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