PURION®
the best solution

PURION 2501 DUAL PVC-U

…is characterized by compact construction and a high degree of efficiency respecting to disinfection and energy consumption. The construction design follows laws, standards and regulations.

Figure: PURION 2001 DUAL PVC-U

manufacturer	PURION® GmbH
type	PURION 2501 DUAL PVC-U
flow rate	20 m³/h
UVC-Transmission	90% T_1 cm
temperature of water	2°C - 40°C
reactor	PVC-U
adhesive socket connection	Ø 50 mm
seal	FPM
dimensions (L x Ø in mm)	928 x 100 (2 x)
distance flanges	710 mm
weight	16,0 Kg
life time of lamps	10.000 h
number of lamps	2
dose	400 J/m²
temperature max	40°C
max. working pressure	10 bar
protective system	IP 65
electrical connection	110-240 V 50/60 Hz
total power	2 x 90 W
over current protection	10 A

The pre-assembled UV plant PURION 2501 DUAL PVC-U extends the capacity and application options of the single plant PURION 2501 PVC-U.

As usual the UV plant can be optionally equipped with an Operating Time Counter (OTC).

Several configuration options are possible to meet specific requirements.

Optionally the PURION 2501 DUAL PVC-U can be equipped with the PURION Installation system DUAL 2. By use of this system a space saving wall fastening can be easily realized.

The used UV-lamps are characterized by a long durability and a high degree of efficiency respecting to disinfection and energy consumption. The power supply is carried out with 110-240 V 50/60 Hz.

The compact construction design enables an easy replacement of the UV lamp at the end of their useful life. You don´t need any tool. Also, replacement and cleaning of the quartz pipe can be arranged easily.

This UV-plant is applied at:

drinking water	•
cooling water	•
disinfection of permeate	•
pools/ ponds	•
greenhouses	•
sewage plant effluent water	•

Configuration options

I	DUAL Basic	simultaneous switching
II	DUAL OTC	simultaneous switching
III	DUAL OTC Professional	separately switchable protection system

Advantages

- additional chemicals are not required for disinfection
- smell and taste of the water is not influenced by radiation
- manageable maintenance
- small operation expenses

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