PURION®
the best solution

PURION POOL 80 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.

picture: PURION POOL 80 PVC-U

manufacturer	PURION® GmbH
type	PURION POOL 80 PVC-U
pool dimension	80 m³ (20 h operation) 60 m³ (15 h operation)
dimension L x W x H in mm	850 x 630 x 1.290
weight (without filling of the filter tank)	48 kg
UV plant	PURION 2501 PVC-U
life time of lamps	10.000 h
monitoring option	OTC
temperature of water	2 - 40 C°
max. delivery rate rotary pump	12 m³/h
max. working pressure	2 bar
quantity special quartz	85 kg
material filter tank	Polyethylene
valve filter tank	top mount 4 port valve
connection	nozzle staged D 40/32
filter medium	AFM active
electrical connection	230 V
protective system	IP 54
over current protection	10 A

The integrated plant PURION POOL 80 PVC-U consists of a filtration of sediments and UV based disinfection of pool water. It is applied to disinfect circulation water of pools.

The upstream filter unit with „top mount“ 4-port valve consists of a Polyethylene filter tank (filled with activated filter granulate -special quartz) and a rotary pump. The pre filter removes sediment from the pool water. The following UV based disinfection prevents biological activities - especially forming of algae.

In comparison to traditional chemical based treatment of the pool water it is possible to save up to 95% of the used chemicals. The UV plant can be optionally equipped with an Operating Time Counter (OTC) to monitor the service life of the PURION UV lamps.

The used UV-lamps are characterized by a long durability and a high degree of efficiency respecting to disinfection and energy consumption.

The compact construction design enables an easy replacement of the UV lamp at the end of their service life. You don´t need any tool.

Advantages

- plug and play system for immediate operation
- up to 95% reduction of chemicals compared to chemical treatment oft he water
- considerable cost cutting due to less cost for chemicals
- suitable for salt water application
- manageable maintenance
- small operation expenses

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