

## PURION POOL Premium PVC-U

... is characterized by an extraordinarily high disinfection performance with a compact design and low energy consumption. and low energy consumption. The unit is designed in accordance with applicable laws, standards and directives.



Picture: PURION POOL Premium PVC-U

The PURION POOL Premium PVC-U system consists of filtration and UV-based disinfection of the pool water. It is used for the disinfection of pool circulation water.

The upstream filter unit with "top mount" 6-way valve consists of a filter tank made of high-quality, glass-fibre reinforced polyester. This is filled with activated filter granulate made of special quartz. This pre-filter removes existing turbidity from the water. The subsequent UV-based disinfection prevents biological activities - especially the formation of algae.

A self-priming Speck Badu Prime pump is used for this purpose. Compared to conventional chemical treatment of the water, up to 95% of the chemicals used can be dispensed with.

The PURION UV lamps used are characterised by a long service life, high disinfection performance and low energy consumption. The compact design allows easy lamp removal without tools and lamp replacement, for example at the end of the lamp's useful life.

Manufacturer	PURION® GmbH
Type	PURION POOL Premium PVC-U
Pool size	80 m³ (with 3 x daily circulation)
Dimension L x W x H in mm	1100 x 760 x 1150
Weight (without filling filter tank)	approx. 60 kg
UV system	PURION 2501 H PVC-U (106 W)
Radiation usage time	10.000 h
Temperature range	2 - 40 °C
Flow rate: Pump Speck Badu Prime 20	15 m³/h at delivery head <sup>1</sup> 12 m
Working pressure	2 bar
Operating range	can be set up max. 3 m above or below the water level
Filter tank material	high quality glass-fibre reinforced polyester
Filter tank volume	186 l
Quantity of special quartz	175 kg
Filter medium (granulate)	AFM active
Valve Filter tank	top mount 6 way valve
Connection	Spout stepped D 40/32
Electrical connection	230 V 50 Hz
Power consumption pump	1,3 kW/h
Type of protection	IP 54
Fuse protection	10 A

### Advantages

- plug and play system for immediate operation
- up to 95% reduction in chemical input compared to conventional methods
- cost savings due to reduced costs for chemicals
- suitable for salt water
- low maintenance operation
- Low operating costs

<sup>1</sup> 12 m delivery head (water head) corresponds to 1.2 bar.