

PURION Pool 40 PVC-U



The integrated plant PURION Pool 40 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 pre filter removes sediment from the pool water. The following UV based disinfection prevents biological activities – especially forming of algae.

applications	product line	PURION Pool 40 PVC-U
UV based disinfection of pool water up to 40 m³	pool dimension	40 m³ (20 h operation) 30 m³ (15 h operation)
	dimension (L x B x H in mm)	770 x 530 x 940
	UV plant	PURION 2001 PVC-U
	life time of lamps	10.000 h
	max. delivery rate rotary pump	6 m³/h
	weight (without quartz granulate)	34 kg
	quantity quartz	35 kg
	valve filter tank	top mount 4 port valve
	protection grade	IP 54
	electrical connection	230 V
	over current protection	10 A

advantages
plug and play system for immediate operation

up to 95% reduction of chemicals compared to chemical treatment of the water

considerable cost cutting due to less cost for chemicals

suitable for salt water application

low-maintenance operation

low operational costs

1st step: filtration of sediments

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. This pre filter has two layers with different granulate dimension that removes sediment from the pool water.

2nd step: disinfection with UV-light

The following UV based disinfection prevents biological activities – especially the formation of algae. Unlike other cleaning procedures this approach does not produce potentially dangerous byproducts.

article-no.: 140 00300 0000

article-no.: 140 00400 0000

stainless steel	PVC-U	alternating current	Operating Time Counter
•	•	•	•



equipment PURION Pool 40 PVC-U

Quartz-granulate
fine granularity
article number: 292 02300 0000



Quartz-granulate
coarse granularity
article number: 292 02400 0000



PURION UV-lamp 48 W
article number: 200 00500 0000



service-kit
article number: 292 00900 0000

