

# PURION Pool 80 PVC-U



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 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 80 PVC-U
UV based disinfection of pool water up to 80 m³	pool dimension	80 m³ (20 h operation) 60 m³ (15 h operation)
	dimension (L x B x H in mm)	850 x 630 x 1.290
	UV plant	PURION 2501 PVC-U
	life time of lamps	10.000 h
	max. delivery rate rotary pump	12 m³/h
	weight (without quartz granulate)	48 kg
	quantity quartz	85 kg
	valve filter tank	top mount 4-Wege-Ventil
	protection grade	IP 54
	electrical connection	230 V
	over current protection	10 A

**advantages**  
plug & play system for immediate operation

up to zu 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.

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article-no.: 140 00800 0000

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

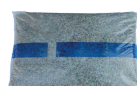


## equipment PURION Pool 80 PVC-U

Quartz-granulate  
fine granularity  
article number: 292 02300 0000



Quartz-granulate  
coarse granularity  
article number: 292 02400 0000



PURION UV-lamp 90 W  
article number: 200 00600 0000



service-kit  
article number: 292 00900 0000

