SITA UV AL Series



The UVs in the AL series are the smallest units we produce and are designed for the domestic applications.

The main features are high quality and extremely easy maintenance. These systems can be used both for private households and as an accessory for more complex water treatment systems such as reverse osmosis units, water house and water dispensers.

MODEL	UV 107	UV 405	UV 480
GENERAL INFORMATION			
Max flow rate	5 l/m	19 l/m	85 l/m
UVC transmittance	99%- 1 cm		
UVC dose	300 J/m2		
Water Temperature range	5-50° C		
Total consumption	12 W	33 W	88 W
Mounting	Vertical or horizontal		
Quartz sleeve cleaning system	-	-	Availabe – RM version (only SS 316L)
UV REACTOR			
Material	Stainless Steel 304 (optional 316L)		
Connections	Thread 1/8" F	Thread ¾" M	Thread 1 ½" M
Total Volume	0,1 l	1 l	7.9 l
Total Weight	0.4 kg	1.5 kg	6 kg
Max working pressure	10 bars g		
Protection class	IP 54		
Shape	L	U	Z
Flow direction	From bottom to top		
UV LAMP			
Number	1		
Lifespan	9000 hr		
Lamp power	12 W	30 W	80 W
Type	Low pressure type 026410/1	Low pressure type 028102	HO low pressure type 028124

CONTROL PANEL	AL	AL2
Material and colour	Thermoplastic (Bromine/Chlorine free; UL94 flame rating V0)	
Dimensions	217 x 118 x 61 mm	
Protection class	IP 54	
Ambient temperature range	5 – 45 °C	
Power supply	100-265V - 50/60 Hz	
Lamp cable	1 m	
Power supply cable	1 m	
Feed plug	SCHUKO, UK, AS/NZS or no plug	
Green/red status LED	Yes	No
Resettable hour meter	No	Digital SITA
Lamp function control	No	Yes for total system life
Alarm led	No	Yes for lamp life control
Free contact (NO - NC)	No	With silence options
230 V output (NO - NC)	No	Optional N/O max 100 mA-250V

SPECTRA®
PROFESSIONAL UV SOLUTIONS

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