

AquaRite® UV Low Salinity

EXPERT LINE

YEARS OF WARRANTY



PRODUCTOS PISCINA
CALIDAD EN TU PISCINA & SPA



INNOVATIVE COMBINATION OF 3 DISINFECTION SYSTEMS: ULTRAVIOLET TECHNOLOGY, LOW SALINITY ELECTROLYSIS AND HYDROLYSIS (SALT CONCENTRATION = 1,5 GR/L)

Disinfection principle:

- Low salinity salt chlorination produces just the right chlorine dose to keep your pool water disinfected and disinfecting
- Hydrolysis of water generates free radicals with stronger disinfectant powers than chlorine
- UV rays eliminate 99% of chloramines, algae, bacteria and microorganisms

Control box:

- Control and regulation of the pH, Redox and free chlorine
- Control of filtration, lighting, pH, Redox + 4 additional auxiliary outputs
- Temperature control
- Remote management as an option (WiFi / Ethernet+ app)

UV lamp: 2 x 55 Watt lamps

- Supply and control from the AquaRite®
- Universal 63 mm input and output connections
- 2 separate chambers for optimal efficiency due to increased contact area with the water
- Equipment made of a special PVC UL1018, formulated to resist UV rays and pressure up to 3 bars



INCLUDED



Cl⁻ Production



DISPLAY TFT



Up to 50W



UV



LOW SALINITY



Control of the 4 auxiliary outputs



Control of filtration and VS pumps



Modbus



Description	AQR-UV-1LS	AQR-UV-2LS	AQR-UV-3LS
pH kit as standard		BKPER-OPTION-PH (1.5 L/h peristaltic pump)	
Redox probe kit as standard		E-OPTION-REDOX	
Temperature kit		T-OPTION-TEMP	
Free chlorine amperometric probe		H-OPTION-CL	
Free chlorine membrane probe		H-OPTION-CL2	
WiFi module		RS3WI-OPTION-W	
Ethernet module		RS3NET-OPTION-L	
Detachable touch screen		CTS-OPTION-TS	
Detachable TFT screen		AQR-PLUS-PANL	
Acid tank detection		AQR-PLUS-CANNE	

OPTIONS AVAILABLE



pH kit as standard



Redox probe kit as standard



Temperature kit



Free amperometric probe



Free chlorine membrane probe



WiFi module



Ethernet module



Detachable touch screen



Detachable TFT screen

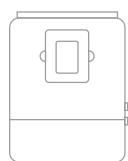


Flow switch included

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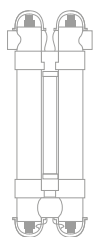
AQUARITE®
UV LS

Description	AQR-UV-1LS	AQR-UV-2LS	AQR-UV-3LS
Maximum production CL ₂ /h	0-100%		
Salt concentration	From 1.5g to 100g of NaCl		
Choice of languages	EN - FR - ES - DE - IT - CS - PT - NL - PL - HU - RO		
Pool volume	65 m ³	200 m ³	300 m ³
Display	2,8" TFT		
Power supply	220 V; 50/60 Hz		
Dimensions	270 x 220 x 115 mm		
Electronic box	Black ABS fireproof plastic		
Protective lid	Black ABS fireproof plastic		
Output	8-15 A	10-15 A	35-45 A
Consumption	120 W	150 W	360 W
Main control outputs	Filtration / lighting / heating		
Additional control outputs	4 additional auxiliary relays, configurable by the user		
Self-cleaning	By polarity inversion		
Salinity test	Measures salt concentration (g/L) (precision ±10%)		
Detection of closed pool cover	Production level can be configured in the range 0 to 100%		
Flow detection	Gas sensor + mechanical flow switch		



TRANSPARENT
CELL

Description	AQR-UV-1LS	AQR-UV-2LS	AQR-UV-3LS
Salt chlorination cell	5 monopolar titanium plates	7 monopolar titanium plates	10 monopolar titanium plates
Minimum flow rate	5 m ³ /h	9 m ³ /h	9 m ³ /h
Plate dimensions	200 x 45 mm	400 x 45 mm	400 x 45 mm
Cell mount material	Transparent PVC plastic		
Cell attachment	Threaded for easy cell mounting		
Flexible piping diameter	63 mm		
Cell dimensions	355 x 305 x 305 mm		
Cell cable	(3 x 4) x 1.5 m		
Maximum pressure	4 kg/cm ²		
Maximum temperature	45 °C		



UV

Description	AQR-UV-1LS	AQR-UV-2LS	AQR-UV-3LS
Dimensions	1000 x 375 mm		
Connection	63 mm		
Material	PVC UL1018		
Watts	2 x 55 W		

CONNECTIVITY

