



# AquaRite® UV Low Salinity

**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**



WATER TREATMENT

**OPTIONS AVAILABLE**

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		



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



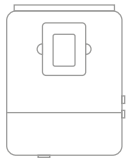
Detachable TFT screen



Flow switch included

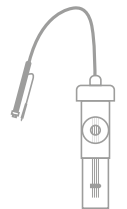


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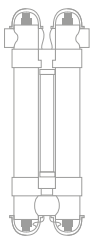
**AQUARITE®  
UV LS**

Description	AQR-UV-1LS	AQR-UV-2LS	AQR-UV-3LS
Maximum production CL <sub>2</sub> /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 <sup>3</sup>	200 m <sup>3</sup>	300 m <sup>3</sup>
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 <sup>3</sup> /h	9 m <sup>3</sup> /h	9 m <sup>3</sup> /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 <sup>2</sup>		
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

Private sphere: myaccount@gmail.com

Europe sphere: myotheraccount@poolmaintenance.com

Control all your pool equipment with **Alexa** and **Google Assistant**\*

\* AquaRite® UV LS / AquaRite® + / AquaRite® Flo Advanced / Control Station