

AquaRite® UV Low Salinity NG



3 STANDARD **4th** 8000 HOURS



**A COMBINATION OF 3 DISINFECTION SYSTEMS:
ULTRAVIOLET, HYDROLYSIS
AND LOW SALINITY ELECTROLYSIS**

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:

- New design of control box to disinfect, control and regulate all your pool (including variable speed filtration pumps, heat pumps, lighting,...)
- Control and regulation of pH, redox and free chlorine
- Control all your pool remotely with WiFi/Ethernet (optional)
- **UV lamp:** 2 separates chambers for optioma efficiency due to increased contract area with water
- **Equipment** made of PVC UL1018, formulated to resist UV rays and pressure up to 3 bars



INCLUDED

Touch Screen
4.3"

Cl Production

Control of filtration and VS pumps

Up to 50W

UV

LOW SALINITY

+4
Control of the 4 auxiliary outputs

Modbus

TOTAL CONNECTIVITY
HAYWARD®

All your parameters are managed by a dedicated free **Hayward® Poolwatch app** (WiFi connection).

OPTIONS AVAILABLE

Description	AQR-UV-1LSNG	AQR-UV-2LSNG	AQR-UV-3LSNG
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 (give access to smart filtration mode and heating control)		
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		

New probe holder
PVC transparent

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

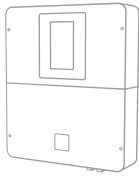
VIDEO

▶

Watch the video



AquaRite® UV Low Salinity NG



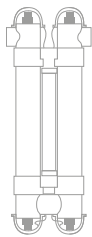
**AQUARITE®
UV LS NG**

Description	AQR-UV-1LSNG	AQR-UV-2LSNG	AQR-UV-3LSNG
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 - HR - HE - ZH		
Pool volume	65 m ³	200 m ³	300 m ³
Display	4,3" touch screen		
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**

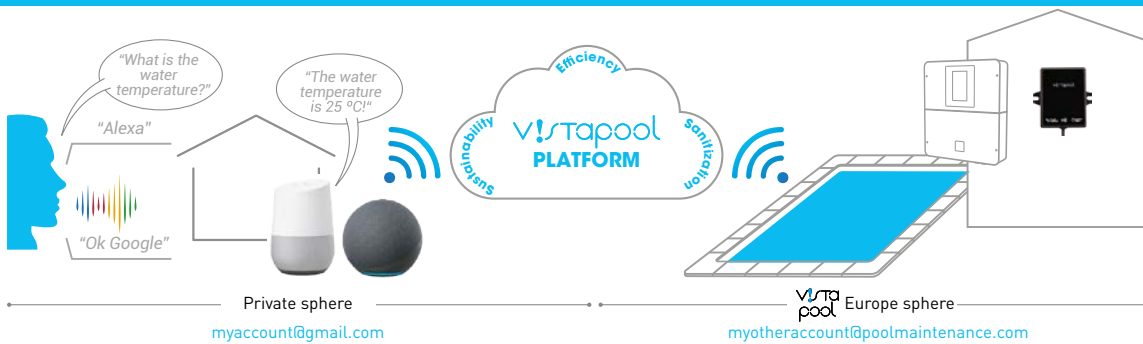
Description	AQR-UV-1LSNG	AQR-UV-2LSNG	AQR-UV-3LSNG
Salt chlorination cell	5 monopolar titanium plates	7 monopolar titanium plates	10 monopolar titanium plates
Minimum flow rate	5 m ³ /h	9 m ³ /h	9 m ³ /h
Plate dimensions	200 x 45 mm	400 x 45 mm	400 x 45 mm
Cell mount material	Transparent PVC plastic		
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-1LSNG	AQR-UV-2LSNG	AQR-UV-3LSNG
Dimensions	1000 x 375 mm		
Connection	63 mm		
Material	PVC UL1018		
Watts	2 x 55 W		

CONNECTIVITY



Watch the video

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