

AQUASCENIC

LOW SALINITY ELECTROLYSIS,
HYDROLYSIS AND IONIZATION (Cu / Ag)

PUBLIC SWIMMING POOLS

REMOVABLE
TOUCH
SCREEN
INCLUDED



Non contractual photography

PUBLIC SWIMMING POOLS

Public swimming pools*	Model	Description	Components
65 m ³	HD 4	Hidrolisis 85 + Flocculation via ionization of Cu/Ag	Electronic unit / Titanium cell / Transparent PVC support 110 mm / Ionization chamber 8e
120 m ³	HD 5	Hidrolisis 120 + Flocculation via ionization of Cu/Ag	Electronic unit / Titanium cell / Transparent PVC support 110 mm / Ionization chamber 10e
250 m ³	HD 6	Hidrolisis 175 + Flocculation via ionization of Cu/Ag	Electronic unit / Titanium cell / Transparent PVC support 110 mm / Ionization chamber 12e
350 m ³	HD 7	Hidrolisis 250 + Flocculation via ionization of Cu/Ag	Electronic unit / Titanium cell / Transparent PVC support 140 mm / Ionization chamber 12e
500 m ³	HD 8	Hidrolisis 350 + Flocculation via ionization of Cu/Ag	2 electronic units / 2 cells titanio / 2 transparent PVC supports 110 mm / Ionization chamber 12e
750 m ³	HD 9	Hidrolisis 500 + Flocculation via ionization of Cu/Ag	2 electronic units / 2 cells titanio / 2 transparent PVC supports 140 mm / Ionization chamber 12e

* equipment dimensioning for public and community swimming pools

$$\frac{[(N^{\circ} \text{ bathers}) \times 10] + [\text{volume m}^3 \times 2]}{\text{filtration hours}} = \text{necessary intensity (see number under "DESCRIPTION")}$$



Self cleaning Cell



Cell warranty



Polarity change programming



PVC Transparent support



Security sensor included



Lightning control



Redox measurement and control (rX)



pH measurement and control



Free chlorine measurement and control (Cl₂)

ELECTRONIC UNIT

DESCRIPTION	HD 4	HD 5	HD 6	HD 7	HD 8	HD 9
Intensidad	0-100%					
Salinity	From 1 g of NaCl/l					
Pool Volume m ³	125 m ³	250 m ³	350 m ³	500 m ³	700 m ³	1000 m ³
Display	4.3" TOUCH SCREEN removable screen for remote installation (12 languages)					
Power supply	220V 50/60 Hz					
Output	8-65 A	8-95 A	10-65 A	10-95 A	2 (10-65 A)	2 (10-95 A)
Maximum consumption	680 W	1000 W	1020 W	1500 W	1500 W	1500 W
Dimensions	300 x 550 x 250 mm					
Electronic unit	Black anodized aluminum					
Protection cover	Flame retardant plastic black ABS					
Control	Microprocessor 32 bits					
Intensity regulation	Amperage + Voltage					
Ventilation	Forced					
Self-cleaning	Programmable from 1 to 24 h					
Flow control	Flow sensor					
Operating hours counter	Yes, accessible by customer					
Production control	From 0 to 100%					
Alarms	Low conductivity / Lack of flow / dosing pH / excessive pH out of range / ph maximum dosing time					
Salinity test	Conductivity indicator accuracy of ± 10%					
Production control per deck/cover	Configurable production level 0-100% depending on open or closed pool cover					
External signal production	Configurable production level 0-100% depending on any external signal (second analog input)					
Communications	MODBUS / WIFI					
Main control outputs	Filtration control / Lighting control / Heating control					
Additional control outputs	4 additional relay outputs configurable by the user					

HYDROLYSIS CELL

DESCRIPTION	HD 4	HD 5	HD 6	HD 7	HD 8	HD 9
hydrolysis cell	7 titanium plates	10 titanium plates	13 titanium plates	17 titanium plates	2 x 13 titanium plates	2 x 17 titanium plates
Minimum flow	12 m ³ /h	15 m ³ /h	15 m ³ /h	20 m ³ /h	30 m ³ /h	40 m ³ /h
Plates sizes	400 x 90 x 19 mm	400 x 90 x 28 mm	400 x 90 x 38 mm	400 x 90 x 50 mm	2 cells HD 6	2 cells HD 7
Cell support material	Transparent PVC plastic					
Cell closure	Threaded for easy cell installation					
Pipe connection diameter	110 mm	110 mm	110 mm	140 mm	110 mm	140 mm
Dimensions millimeters	650 mm x 140 mm		760 mm x 140 mm		2 cells HD 6	2 cells HD 7
Cell cable	2 (1 x 35) x 2 m	2 (1 x 50) x 2 m	2 (1 x 35) x 2 m	2 (1 x 50) x 2 m	4 (1 x 50) x 2 m	
Maximum pressure	4 Kg/cm ²					
Maximum temperature	Minimum 0° C / Maximum 45° C					

IONIZATION CHAMBER

DESCRIPTION	HD 4	HD 5	HD 6	HD 7	HD 8	HD 9
Number of electrodes	8	10	12	12	12	12
Dimensions (length x Ø)	2 chambers of 4 electrodes	1 chamber of 6 e + 1 chamber of 4 e	2 chambers of 6 electrodes	2 chambers of 6 electrodes	2 chambers of 6 electrodes	2 chambers of 6 electrodes
Connection	2" thread (63 mm)					
Glass material	Transparent ABS					
Electrode material	Electrolytic copper and silver					
Installation	By-pass					