

PISCINADIMARE.IT

la soluzione salina



Salt Water Chlorinators

ReChlorSystem®

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Suitable for fresh water (5 grams Salt/liter) And for seawater
Funzionano con concentrazione salina da 5 a 35 grammi/litro



Self cleaning chlorinators for residential swimming pools Sterilizzatori elettrolitici autopulenti per piscine residenziali

Unique Pool Water Treatment Technology

The ReChlorSystem is a self-contained swimming pool purification system that utilizes a natural process to generate pure chlorine. The electrolytic process uses a very low concentration of salt (less than a teaspoon per gallon) and generates free chlorine. The chlorine continuously kills bacteria and algae and then reverts back to salt. This indefinite cycle leaves the water feeling silky, soft, refreshing and sparkling clear. The ReChlorSystem is an easy, economical, and fully automatic pool water treatment system. The ReChlorSystem is carefully engineered to monitor your pool chemistry on a daily basis and give you the freedom and enjoyment every pool owner deserves. This residential controller is specifically designed to automatically adjust pH and sanitizer levels and keep the pool safe and healthy.

Una tecnologia unica per il trattamento delle piscine

Lo sterilizzatore ReChlorSystem è un sistema unico per la sterilizzazione delle piscine residenziali che utilizza un sistema elettrolitico di produzione di cloro. Questo processo utilizza una bassa concentrazione salina in acqua (5 grammi/litro) per generare cloro puro, non stabilizzato. Il cloro distrugge batteri e alghe per ricombinarsi in NaCl. Questo ciclo continuo lascia l'acqua setosa, soffice e straordinariamente scintillante. ReChlorSystem è facile, economico e completamente automatico, costruito per richiedere una manutenzione minima da parte dei proprietari di piscine. Controlla automaticamente il pH della piscina e il livello di cloro in vasca.

Features

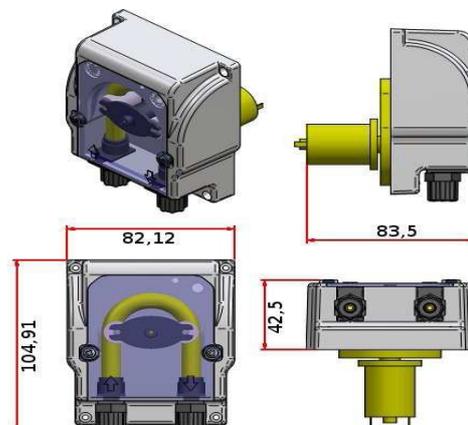
- Inbuilt pH control and readout with peristaltic 4 lt./Hr. pump
- Inbuilt Orp control and readout
- Salinity alarms
- Proportional Chlorine output (P.I.D.) from Redox readout
- End product level alarm
- Flow sensor input
- Level probe input
- 4-20 mA input for external analyzer (optional)
- Fully programmable software
- PT100 temperature sensor input (optional sensor)





Caratteristiche

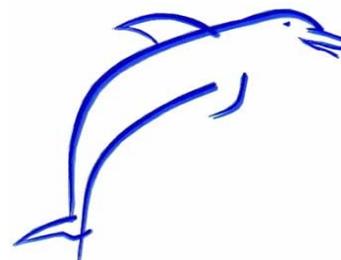
- *Controllo pH con pompa peristaltica da 4 litri/ora*
- *Strumento Redox incorporato*
- *Allarme bassa salinità*
- *Produzione di cloro P.I.D.*
- *Allarme fine prodotto pH*
- *Ingresso sonda di livello pH*
- *Ingresso flussostato*
- *Ingresso 4-20 mA (opzionale)*
- *Ingresso sonda temperatura (opzionale)*



Control unit/Raddrizzatore

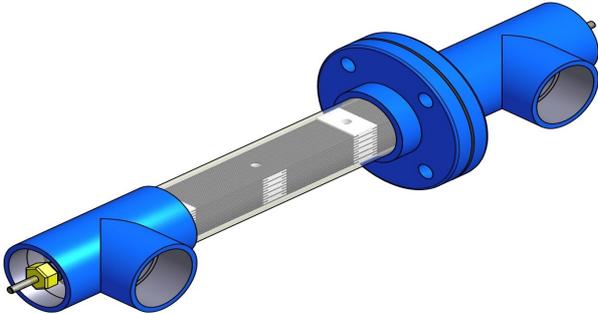
- *Automatic ramp of slope of the tension/current adjustable*
- *Rampa automatica tensione/corrente*
- *Electronic limitation of current at maximum value of the rectifier in the case of overload or short-circuit*
- *Limitatore della tensione*
- *linear adjustment of voltage or current from 5 to 100% of power, by control panel, maintaining the preselected value stabilized with a percentage of +/- 1%;*
- *Regolazione 5-100%*
- *Transformer of power and secondary to IGBT with bridge whole connection with impedance of leveling, largely norms dimension CEI EN 61558 2-6 with class of isolation H and class of temperature F*
- *Adjustment unit with thyristors, connected to the secondary of the transformer, adjusted by highly reliable electronic actuation*
- *Tropicalized components*
- *Componenti tropicalizzati*
- *The service is continuous at 100%*
- *Servizio continuo al 100%*
- *All the power supplies expose the mark CE*
- *Marchio CE*
- *Protection against over-temperature group of regulation and group diode*
- *Automatic interrupters magneto thermal of protection encircled auxiliary*
- *EMC 2004/108 CE electromagnetic and following compatibilities*
- *RoHS Compliant*

Model/Modello	Gr./Lt.	Max. Vol. Pool
SC50	55	100
SC90	90	180
SC120	125	260
SC160	160	400





Cells/Celle



Commercial grade titanium cell plates coated with precious metals

Clear cell housing allows user to easily inspect cell for

Reverse polarity keeps cell clean and prevents scaling

Flow sensor

Celle elettrochimiche in titanio Ru/Ir deNora DSA®

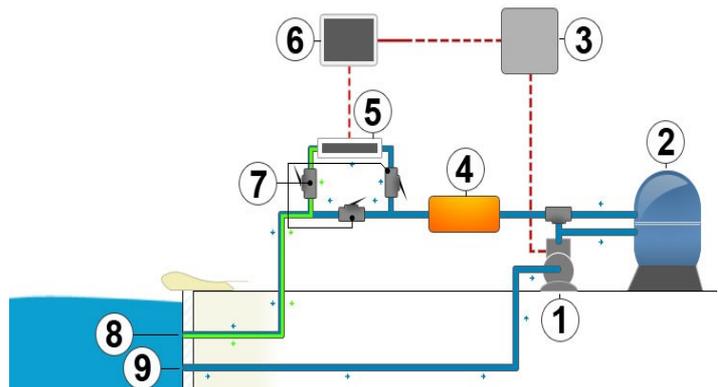
Corpo in Plexiglas® Attacchi e Flange in PVC

Sensore di temperatura

Sensore di Flusso

Installation/Installazione

1 Pump	1 Pompa
2 Filter	2 Filtro
3 Power	3 Alimentazione
4 Heater	4 Riscaldatore
5 cell	5 Cella
6 control unit	6 Rechlorsystem
7 Valves	7 Valvole
8 Outlet	8 Mandata
9 Inlet	9 Ingresso



Normatives/Direttive

- All the commands of control and maneuverings are to low tension (24V ac) and correspondents to the normative: CEI EN 60204 electric equipment of the machines , 2006/95 CE directive low tension and following
- The closet is in steel, painted with dusts anti-acid RAL 5015
- The service is continuous at 100%
- All the power supplies expose the mark CE
- Net isolation 2500 Vrms
- Noisiness below the 75 db
- Temperature max.: 40 °C
- Protection against over-temperature group of regulation and group diode
- EMC 2004/108 CE electromagnetic and following compatibilities
- RoHS Compliant