



## Introducing the "M" model for Commercial Spas and Pools

The next generation of ChlorKing saline chlorinators has finally arrived, featuring the new "M" model for spas and pools.

This new design continues the tradition of the rugged industrial strength that is needed for a commercial pool application, but features a revolutionary power supply, capable of 24/7 operation at maximum power, with even lower power requirements. Simply put, the "M" model is more energy efficient and will fit in even smaller spaces.

### Features And Benefits ...

- **Easy to install**

The ChlorKing "M" model systems are mounted onto any wall surface in the pump room, and plumbed into an existing circulation system, without cutting into existing pipes. The ChlorKing "M" model systems use bypass flow and are not in-line.

- **Easy to use**

ChlorKing offers the simplest operation available, using the KIS (keep it simple) process. A dial is mounted on the system, similar to a light dimmer at home, and a simple turn of the dial increases, or decreases chlorine production. The "M" model is equipped with two additional visual indicators, a voltmeter, and a low salt LED mounted on the front panel. These additional indicators make the operation of the ChlorKing system even easier.

- **Reliable performance**

All components used in the manufacture of the ChlorKing systems are of industrial standard, and designed for 24/7 operation, allowing the ChlorKing systems to operate at maximum output continuously.



- **Models available**

27167BPG - 1.25 lb / day  
27166BPG - 2.5 lb / day

- **ORP inputs**

All ChlorKing "M" model systems have a separate ORP input, which allows a regular controller to activate the chlorKing system. This allows pool operators to keep their existing controllers to maintain ORP and PH levels.

- **Bather friendly**

ChlorKing systems operate with 0.5% salinity in the water, this salinity level is slightly less than human tears and gives the water a "mineral spa" feel.

- **Low Operating Costs**

ChlorKing systems operate using the salinity in the water to produce hypochlorous acid, which is what is measured as free chlorine on test kits. Because salt is not consumed in this process, the only makeup required is when water is lost due to backwashing or rainfall.



# Technical Specifications

## Specifications

**Mounting board:**  
12"W x 12"H

**Power requirements:**  
110V, 1.5 – 3.5 amps

**Power Enclosures:**  
NEMA 3R (suitable for indoor and outdoor Installation)

**Reverse Polarity:**  
Self cleaning timer default set at 3 hours.

**Control:**  
Chlorine production available from 1 – 100% to ensure continuous sanitization levels.

## Cell Specifications

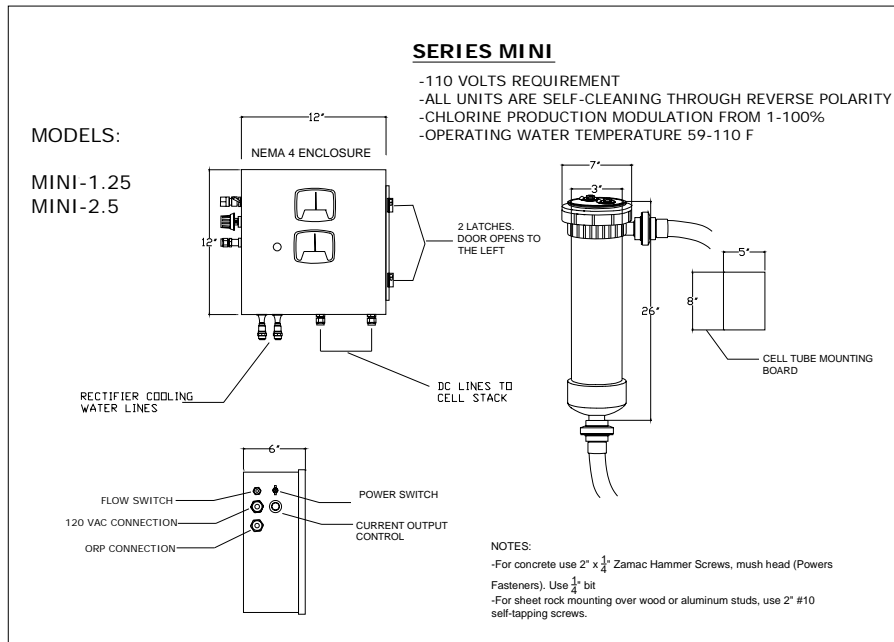
**Flow Requirements:**  
Minimum 20 gpm at 30 psi max

**Plates:**  
Titanium coated with ruthenium dioxide.

**Cell Housing:**  
Combination PVC schedule 40 & 80.

**Operating temperature:**  
59-110°F

**Water Chemistry requirements:**  
PH: 7.2 – 7.6 (7.3 ideal)  
Alkalinity: 80 – 120  
Hardness: 180 – 250 ppm  
Stabilizer: 30 – 80 ppm  
Salt: 4000 – 6000 ppm



## INSTALLATION SCHEMATICS

