

# OWNERS HANDBOOK

## STANDARD MODEL



# AUTO CELL CLEANING



**Leading the way in  
Pool & Spa Equipment Since 1979**  
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The Chlorinator Power Unit is to be mounted at least 1.0 metre above ground level and if possible protected from direct weather. The Chlorinator Electrolytic Cell is to be fitted into the return to pool line after the pump and filter. Water flow through cells can be in either direction and ideal installation is upright as per diagram. The Cell lead is to be connected to the junction box under the power unit. Ensuring the coloured wires are matched correctly and the connections are tight.

The Chlorinator Power Unit is only to be connected to a 220/240 volt AC supply.

Pool salt is then added to the spa or pool to give a salinity reading of 0.6% (6000 P.P.M.) (25 Kgs of salt for every 1000 gallons or 4000 litres).

# OPERATION

## **Super Model:**

Plug the Chlorinator Power Unit into the same 220/240 volt Ac supply as the filter pump. With the Cell switch turned on the Chlorinator will now operate when filter pump is running.

## **Deluxe Model:**

Plug the Chlorinator Power Unit into 220/240 volt AC supply and plug the filter pump into the outlet underneath the Chlorinator Power Unit.

Set the time clock to the desired running times and turn Cell switch to on.

To override the time clock, switch to timer manual for continual running of filter pump.

## **For all Models:**

For maximum efficiency adjust the Chlorine Production Dial to read normal in the green zone on the Chlorine Monitor. If Monitor reads in the red zone, check for too high salt content. If monitor cannot reach the green zone, check for low salt.

For best pool and spa chlorination results, run the Chlorinator for two or more periods a day (mid morning and mid afternoon). A total of 2 - 8 hours per day is required depending on pool or spa size and climate.

# MAINTENANCE

## SALT AND CHEMICALS IDEAL POOL CHEMISTRY READINGS

SALT CONTENT - 0.6% (6000 P.P.M.)

WATER pH - 6.8 TO 7.4

(For fibreglass, vinyl lined and epoxy painted pools)

7.2 TO 7.8 (For other pool finishes)

TOTAL ALKALINITY - 80 TO 150 P.P.M.

STABILIZER - 40 TO 60 P.P.M. MINIMUM

FREE CHLORINE - 1.0 TO 3.0 P.P.M.

## ELECTROLYTIC CELL

The Cell operates most efficiently when it is clean and should be checked about every two weeks but usually will not require cleaning for 6-8 weeks.

To remove the Cell, isolate the 220/240 volt power supply to filter pump and chlorinator. Unscrew the large PVC ring at top of Cell and lift out the Cell.

To clean the Cell, if any foreign buildup is visible, immerse the cell plates into a solution of five parts water and one part hydrochloric acid. Leave for a few minutes then hose off until cell plates are clean. Do not submerge cell head when cleaning.

Always check Cell connections at junction box under power unit are tight and correctly matched when replaced if disconnected for cleaning.

### WARNING

FOR QUALITY AND VALUE - INSIST YOUR CHLORINATOR IS ONLY  
SERVICED WITH GENUINE REPLACEMENT PARTS AVAILABLE FROM  
MANUFACTURER - COMPU POOL PRODUCTS



# HELPFUL HINTS

When the Chlorine Monitor is indicating in the green normal region and the Cell is clean, then the Chlorinator is producing chlorine. However, if the pool remains cloudy or the chlorine residual tests low, then the chlorine being produced is lost due to high chlorine demand.

To reduce the chlorine demand, check the pH reading and check for low or high stabilizer reading. If tests show correct, then a shock treatment is advised with an oxidizer agent. Generally, superchlorination is not necessary if the pool is maintained at correct levels.

## DEFINITIONS

### ALGAE:

Plant-like organisms which grow in water. Especially active in summer conditions, where chlorine disinfectant level is too low to destroy them. Algae may be green, brown or black (Black Spot) in colour.

### CHLORINE DEMAND:

The amount of chlorine that should be added to the water to provide proper bacteria and algae control.

### CHLORINE RESIDUAL:

The amount of chlorine left over, after the "demand" has been met.

### COMBINED CHLORINE:

Weak chlorine which is combined with the contaminants in the water.

### FREE CHLORINE:

Active chlorine in the water with the potency to destroy contaminants.

### SHOCK TREATMENT:

The removal by means of oxidation of those materials that have a chlorine demand.

### SUPERCHLORINATION:

An extra large amount of chlorine added to the water.

# TROUBLESHOOTING

## PROBLEM

## POSSIBLE CAUSE

### CHLORINE RESIDUAL

Low or nil

- Insufficient running times
- pH too high or low
- Insufficient stabilizer
- Cell needs cleaning
- Check chlorine production

### CHLORINE PRODUCTION

Low or nil

- Chlorine dial turned down
- Salt content below 0.6%
- Cell needs cleaning
- Check Cell connections at junction box under unit
- Check fuse on power unit
- Check filter pump running
- Check water flow through Cell is sufficient

### WATER FLOW THROUGH

CELL IS LOW

- Check for air in system
- Check operation of pump
- Check filter is clean
- Check water level of pool
- Check for blockage in System

# WARRANTY

Your Compu Pool Products Saltwater Chlorinator Equipment carries the following warranty should a fault occur due to faulty manufacture or materials.

Compu Pool Products warrants the original purchaser of the Chlorinator Power Unit should examination disclose to its satisfaction that the power unit has failed due to faulty manufacture or materials for a period of 36 months, Commercial installations for a period of 12 months, from date of purchase by the owner. Compu Pool Products also warrants the original purchaser of the Chlorinator Electrolytic Cell should examination disclose to its satisfaction that the power unit has failed due to faulty manufacture or materials for a period of 36 months, Commercial installations for a period of 12 months, from date of purchase by the owner.

## THE WARRANTY IS VOID IF THE FOLLOWING OCCURS:

1. Damage beyond Compu Pool Products control.
2. The Power Unit and Cell are installed incorrectly by any person other than a person authorised to do so by Compu Pool Products or its agent.
3. The Chlorinator is connected to a power supply other than 240 volts AC - 50 HZ.
4. The water temperature of the pool or spa exceeds 45 degrees centigrade.
5. The salt content of the pool or spa is not maintained at all times between 0.5% and 0.6%.
6. The Electrolytic Cell is not cleaned regularly or cleaned by any other method other than by method recommended by the Manufacturer.
7. The Chlorinator Power Unit and Cell is serviced by any other person other than a person authorised to do so by Compu Pool Products or its agent.

This warranty is applicable to workmanship and materials only. Compu pool Products or its agent will replace at no charge all parts return freight paid, which display faulty workmanship or materials.

Compu Pool Products or its agent accepts no responsibility for loss, damage or injuries to person or property arising from warranty failure of equipment, or installation of that equipment, unless with the authority of Compu Pool Products or its agent. This warranty shall not extend to any expenditure otherwise incurred.

# WARRANTY

NAME OF PURCHASER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

PURCHASED FROM: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_

EQUIPMENT MODEL: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

## **IMPORTANT:**

This section must be filled out at time of purchase to render warranty effective.

**KEEP HANDBOOK AND WARRANTY  
FORM IN A SAFE PLACE  
FOR YOUR REFERENCE**

**MADE IN AUSTRALIA**