

# C.O.B.I.A.<sup>TM</sup> SYSTEMS

## Chlorine On Board Integrated Automation



### Advantages and Benefits:

- Totally independent from the pool filter or pressure line.
- No hoses or connections.
- Easy to remove 2 micron filter bag collects sand, silt, or leaves.
- Saves energy costs reducing use of pump and filter.
- Lightweight and easy to maneuver.
- Click-N-Clean removable cell feature allows for easy maintenance.
- Keeps pool water softer, cleaner, and fully sanitized all at the touch of a button.
- Operates on a low salt level (3,000 ppm) which is less than a human tear.
- No more storing and transporting extra sanitizing chemicals. No more damaged hair, red eyes, irritated skin, and color faded bathing suits.



Patent pending



### Chlorine On Board Integrated Automation (C.O.B.I.A.<sup>TM</sup>)

Aquatron's C.O.B.I.A. system uses a compact electrolytic cell to produce chlorine on-site, from sodium chloride (salt) present in the pool. This process occurs as pool water passes between a series of titanium plates which make up the cell. These plates have low current passing between them causing an electro-chemical reaction leading to the production of chlorine.

Easy explanation:

$H_2O + \text{Salt} + \text{C.O.B.I.A. cell} = \text{Naturally Chlorinated Water}$



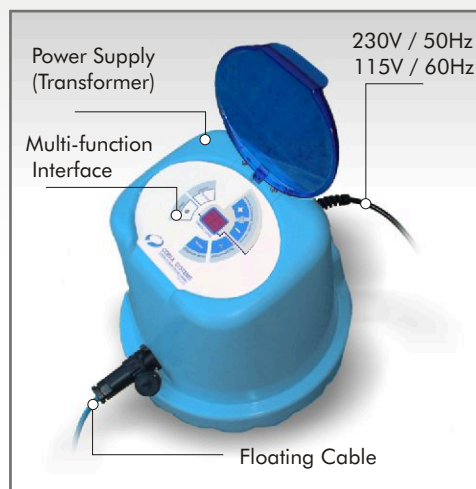
# Onboard Chlorine Generator®

## How does the C.O.B.I.A. system work?

- Turn on the Power Supply and the robot will begin to clean and chlorinate the pool.
  - Once the cleaning cycle ends (1.5 hours), the cell will continue to sanitize the pool for a pre-determined period programmed by the user.
  - The multi-function user interface is located on the power supply which displays the chlorination time and lets the user know the system status.
  - Interface alerts the user when salt levels are too high or low.
- The interface has two separate LED's indicating when the system is in cleaning and/or chlorinating mode(s).

## What makes the C.O.B.I.A. technology advanced?

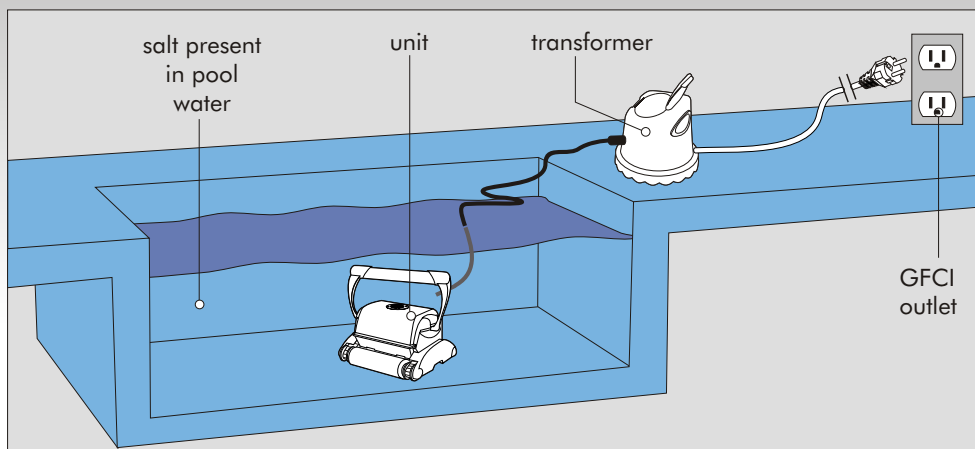
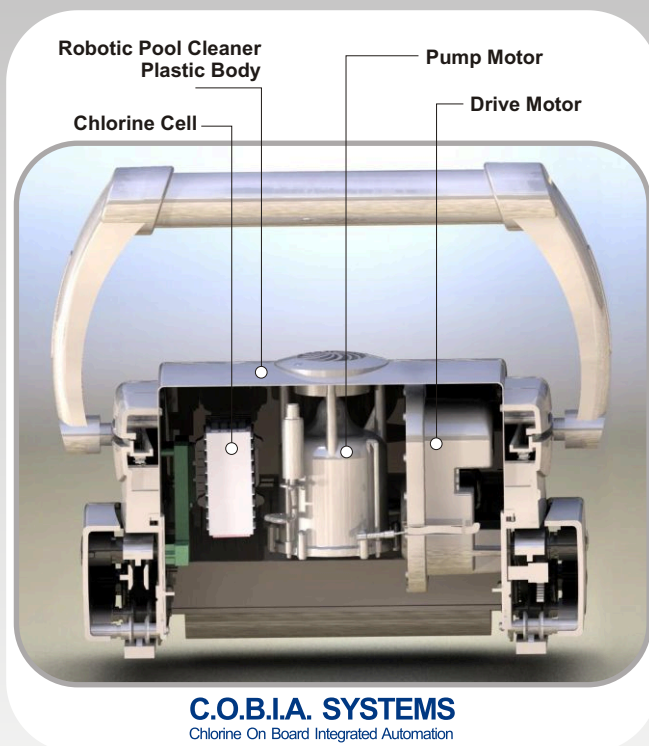
- Self-cleaning cell reverses polarity to eliminate scaling and extend cell life.
- Switch mode power supply makes **C.O.B.I.A.** more efficient than conventional chlorinators.
- On-site chlorination production evenly distributes the sanitizer directly in the pool.
- Allows the user to clean and/or chlorinate the pool at the same time.



## Operation In these 5 easy steps:

- 1) Measure salt level of your pool, add salt if needed.
- 2) Drop the **C.O.B.I.A.** cleaner in the pool.
- 3) Plug the floating cable of the unit into the power supply.
- 4) Set chlorine timer on the power supply based on your pool size (LED light).
- 5) Turn on the unit, cleaning and chlorinating begins.

**Enjoy your clean, chlorinated and sparkling pool!**



## COBIA Specifications

### Pool size:

Up to 40,000 gallons

### Cable length:

60 Ft.

### Input Power:

115/230 VAC,  
50-60 Hz

### Total Output Power:

6-30 VDC, 180 Watts

### Chlorine:

16 grams per hour

### Expected Cell life:

2 years / 5,000 hours

### Warranty:

2 year / 300 cycles

