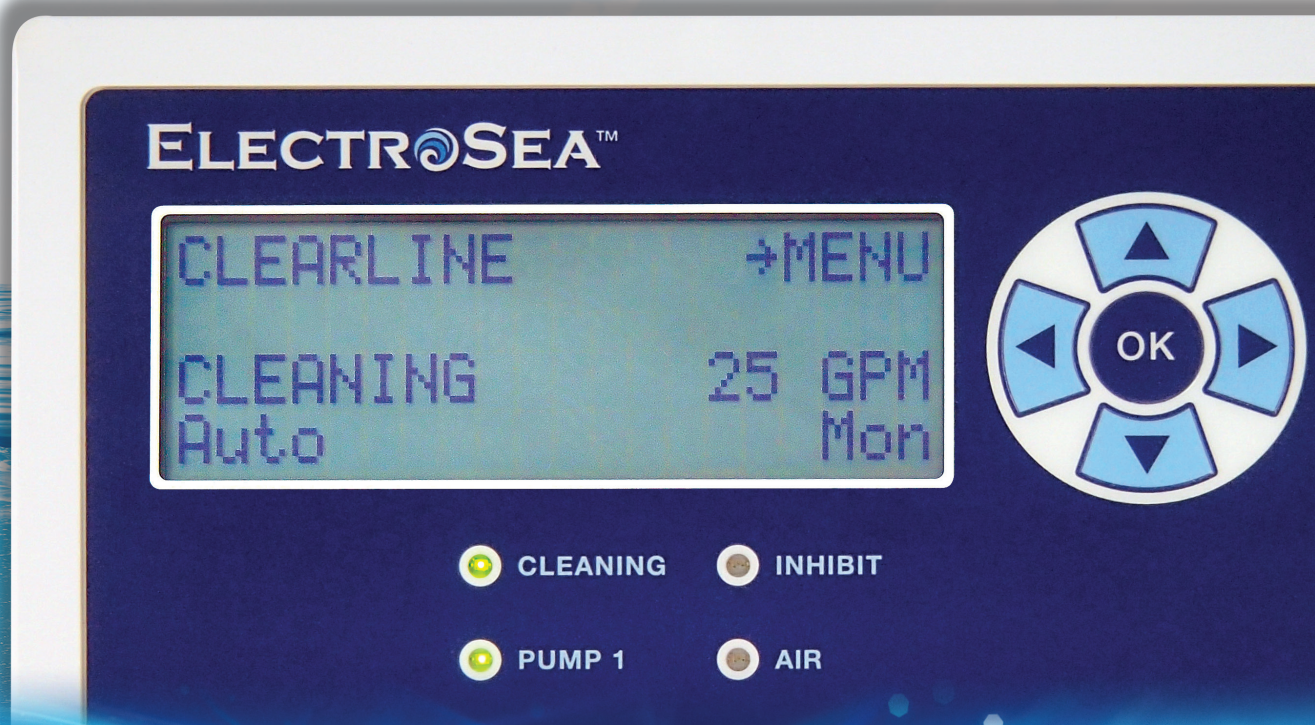


# ELECTROSEA®

EXPERTS IN MARINE GROWTH PREVENTION SYSTEMS®

## New Technology to Prevent Marine Growth in Seawater Lines



# CLEARLINE®



# CLEARLINE®. A NEW SYSTEM THAT PROTECTS YOUR VESSEL'S SEAWATER LINES

Finally, a revolutionary System that continuously prevents biofouling and barnacles from clogging your vessel's seawater conduits. CLEARLINE keeps raw water supply lines for air conditioners, chillers and refrigerators operating at maximum flow rates, and sea strainers clean longer.

CLEARLINE is an innovative vessel electrochlorination system that creates a safe and effective level of chlorine to protect raw water pipework. CLEARLINE eliminates expensive and hazardous acid descaling and prevents unexpected equipment failures so you can enjoy more time on the water.



Keeps air conditioners, refrigerators and raw water systems operating at peak performance



Keeps sea strainers clean longer



Prevents blocked lines and high-pressure faults



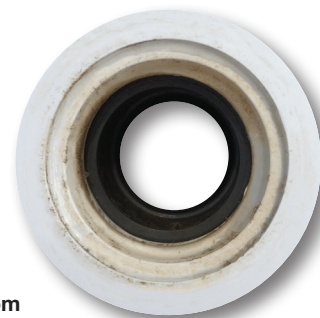
Eliminates costly and hazardous acid descaling



Environmentally friendly



Without CLEARLINE



With CLEARLINE

Actual Photos from 72' Yacht

## INDUSTRY LEADERS, OWNERS AND CAPTAINS RECOMMEND CLEARLINE

"CLEARLINE pays for itself the first year in Florida, where growth often returns within 60 days after cleaning. You get barnacles, algae, you name it. CLEARLINE ensures that growth never gets in there; it gets rid of a headache for our customers that they don't really need."

- Tom Carroll, President and CEO, Princess Yachts America

"Like clockwork, I would clean my A/C strainer every Tuesday for years until we installed the ElectroSea CLEARLINE system. After installing the CLEARLINE System, I only check on my A/C Strainer about every five weeks. When I do check it, I hardly clean anything, no barnacles or gunk. I've had the system installed for six months now, and can honestly say this will change how the industry thinks about descaling saltwater systems."

- Capt. Harry Schaffer, 66' Viking Yachts, SEA WOLF

"Preventing barnacle growth in the A/C system wasn't possible until now, but now that it is, I can't imagine why anyone wouldn't install a CLEARLINE, since the payback is real and the hassles and caustic acid treatments are eliminated."

- Owner, Joe Kirby, 66' Marlow Yachts

## CLEARLINE - PROVEN SYSTEM FOR RELIABLE PERFORMANCE

The CLEARLINE System includes the Control Unit, which is the brain, and ClearCell® electrochlorinator, which is the heart of the system. CLEARLINE generates a consistent, safe and effective level of chlorine using a patented design. The CLEARLINE System is customized to your vessel's seawater intake demand and is recommended for vessels from 35 ft. and up. The System operates 24x7x365 and is built for flawless and reliable performance at maximum flow rates.



### CLEARLINE CONTROL UNIT

The CLEARLINE CONTROL UNIT works in concert with ClearCell to deliver a precise, safe and effective low level of chlorine. The System provides real-time monitoring, dynamic chlorine adjustment based on seawater and cell conditions, and automatic pump switching.

CLEARLINE is intuitive and easy to use with a full LED display, status indicator lights, and audible alarm. The keypad is splash-proof and easy to read in low light. It is compact, rugged, and designed for high temperature engine room mounting. The System is powered from your vessel's DC source and is easy to install during new build or retrofit.

### CLEARCELL

ClearCell is a specialized seawater electrochlorinator made from a unique formula of rare earth coatings for long life. ClearCell is seamlessly integrated directly into your vessel's seawater intake circuit. CLEARLINE treated seawater flows through air conditioning and refrigeration; and a secondary flow of CLEARLINE treated seawater runs back through the strainers to keep them clean longer. CLEARLINE's low level of chlorine is compatible with copper nickel and other marine alloys. Further, this process produces no heavy metal pollution (e.g. copper or lead). ClearCell is electrically isolated, easy to maintain and designed for the marine environment.

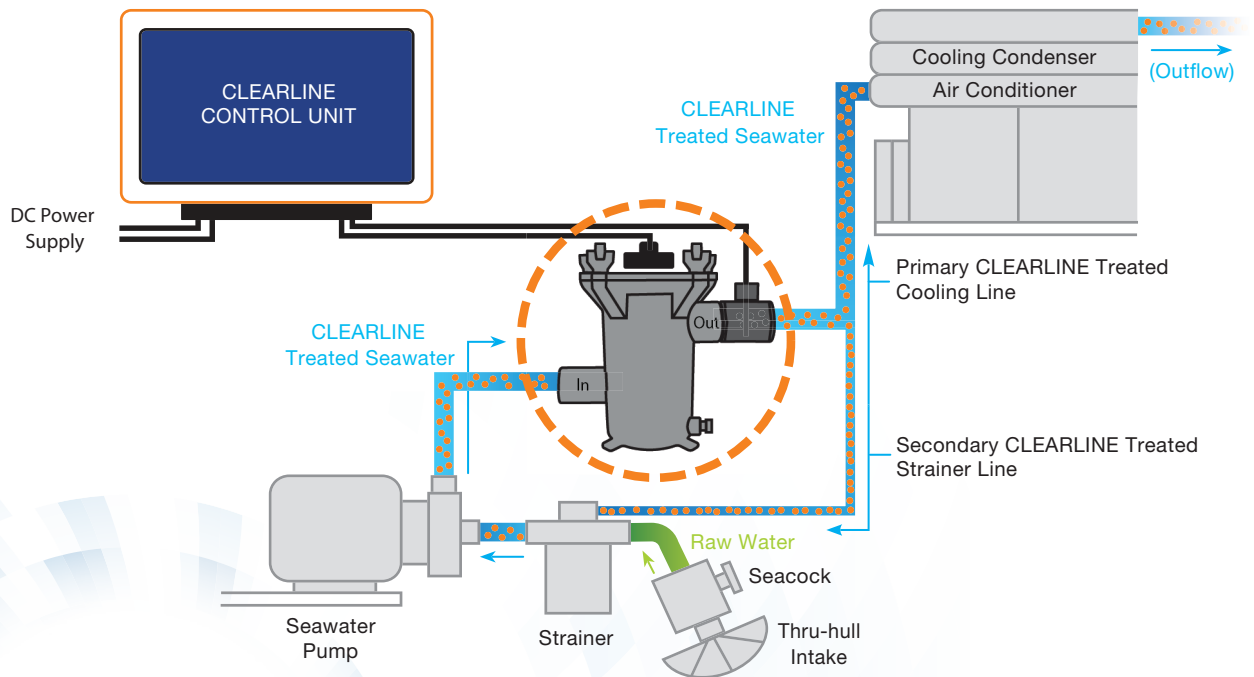
***With CLEARLINE, boat owners leave the dock confident they'll enjoy their trip without interruption or loss of critical systems such as cabin air conditioning, cockpit refrigeration and deck boxes.***

## CLEARLINE SYSTEM PRODUCT LINE

 <p>• 2" Pipe • ≤ 75 GPM* • Pump Control &amp; Inhibit</p> <p><b>Model: CL-2000-X2.0</b></p>	 <p>• 1 1/2" to 1 1/4" Pipe • ≤ 50 GPM • Pump Control &amp; Inhibit</p> <p><b>Model: CL-1000-X1.5</b></p>	 <p>• 1 1/2" to 1 1/4" Pipe • ≤ 50 GPM</p> <p><b>Model: CL-990-X1.5</b></p>	 <p>• 1.0" to 5/8" Pipe • ≤ 26 GPM</p> <p><b>Model: CL-430-N1.0</b></p>	 <p>• 1/2" to 1/4" Pipe • ≤ 7 GPM</p> <p><b>Model: CL-410-N0.5</b></p>
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\* For flow rates >75 GPM, multiple CLEARLINE Systems can be used in parallel.

## CLEARLINE SYSTEM IN SEAWATER AIR CONDITIONING CIRCUIT



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U.S. Patent No. 11,027,991 and other U.S. and Foreign Patents Pending.  
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