



LEADING THE MOVEMENT TO MAINTENANCE-FREE BOATING

Unlike traditional sea strainers, which require constant cleaning, ElectroStrainer Pro offers a virtually maintenance-free way to manage your seawater cooling system. If the system detects a decrease in flow rate, then the STRAINER indicator will flash on the display, alerting you that the strainer basket needs attention. The best part is there's no scheduled maintenance, no additives and no chemicals required.



ENVIRONMENTALLY FRIENDLY, NO ADDITIVES REQUIRED

Continuous, low-level chlorination is a proven anti-fouling treatment that controls the growth of a range of marine organisms, including barnacles and biofilms. At such low levels, chlorine is not harmful to the environment. Chlorine has a very short half-life in seawater with two-thirds decomposing back into common salt (sodium chloride) and water in about one minute. The seawater that exits the boat is not harmful to the environment.



PEACE OF MIND

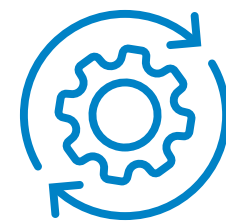
Our high standards of excellence and unwavering dedication to customer service have firmly established ElectroSea as one of the most trusted leaders in marine products today.

ElectroStrainer Pro is designed, assembled, and quality-control tested in-house at our headquarters in Minneapolis, Minnesota, USA. As a result, ElectroStrainer Pro is backed by our 2-year parts and labor warranty.



Select an ElectroStrainer Pro that replaces your existing A/C sea strainer. ElectroStrainer Pro fits center consoles, cruisers, sportfishers, sailboats, and superyachts.

	ES-100-PRO	ES-125-PRO	ES-150-PRO	ES-200-PRO
Inlet/Outlet Size	1" NPT (DN25)	1.25" NPT (DN32)	1.5" NPT (DN40)	2" NPT (DN50)
Optimal Flow Rate	3-12 gpm (11-45 lpm)	6-17 gpm (23-64 lpm)	12-30 gpm (45-114 lpm)	20-40 gpm (75-151 lpm)
Min/Max Flow Rate	3-20 gpm (11-76 lpm)	4-30 gpm (15-114 lpm)	8-50 gpm (30-189 lpm)	10-75 gpm (38-284 lpm)



Stop paying for never-ending descaling bills



Stop overworking your air conditioners



Stop using harsh acid descalers

ELECTROSTRAINER® PRO

REVOLUTIONARY BIOFOULING PREVENTION AND SEA STRAINER SYSTEM



ELECTROSTRAINER PRO

MARINE GROWTH PREVENTION FOR YOUR BOAT'S AIR CONDITIONER

ElectroStrainer® Pro is a revolutionary system that prevents barnacles and marine growth from forming in your boat's seawater circuit – from the integrated strainer basket to all seawater lines. With ElectroStrainer Pro, frequent visits to the engine room to scrub your strainer basket are over, and seawater supply lines remain free and clear of marine growth, ensuring optimal flow rates to air conditioners, chillers, and refrigerators. ElectroStrainer Pro works around the clock, keeping your sea strainer clean, and seawater flow rates can be viewed from the comfort of your cabin.

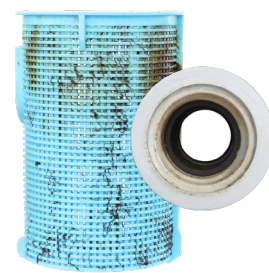
MARINE GROWTH: A NEVER-ENDING BATTLE



WITHOUT ELECTROSTRAINER PRO

Barnacles, biofilm, algae, and unwanted marine growth in sea strainers and seawater intake lines are a never-ending problem. As soon as you clean your sea strainer or acid descale your seawater lines, marine organisms begin growing again. This biofouling threatens the performance of seawater-cooled equipment, leading to air conditioner overheating, high-pressure fault (HPF) alarms, and failure at the worst time.

TECHNOLOGY TRIUMPHS: ELECTROSTRAINER PRO



WITH ELECTROSTRAINER PRO

ElectroStrainer Pro creates an environment where marine growth simply can't live. As seawater enters the boat, the patented electrochlorination system generates a safe and effective low level of chlorine in its strainer basket. Treated seawater flows through the entire cooling system. Your lines remain free of marine growth, strainers stay clean longer, and you'll never have to acid descale again. Period!

THE SCIENCE

When seawater enters the boat, it enters the ElectroStrainer Pro Canister where it passes through a series of electrified titanium plates coated with a rare earth metal oxide catalyst. An electrochemical reaction generates a safe and effective level of chlorine, about the same amount found in tap drinking water. No chemical additives or acids are required.

ALL-IN-ONE DESIGN

The award-winning ElectroStrainer Pro is an all-in-one, smart biofouling-prevention system with integrated sea strainer for your air conditioning or chiller. ElectroStrainer Pro replaces your existing sea strainer and combines four components: an advanced, smart flow-monitoring system, an innovative biofouling prevention device, an integrated hydrodynamic sea strainer, and a remote display.



INTEGRATED CONTROLS

An integrated Control Head with a compact design features a bright, easy-to-read LED screen and intuitive controls. Power is dynamically adjusted to the system to ensure a precise amount of chlorine is generated.

SMART FLOW MONITORING

The flow rate is monitored in real time using the ultrasonic ClearVis® Flow Sensor so you know how much protected seawater is flowing through your system at all times. ElectroStrainer Pro alerts you if the strainer basket needs attention.

HYDRODYNAMIC STRAINER

The integrated sea strainer basket is hydrodynamically optimized to diffuse chlorinated seawater throughout the entire basket. The strainer basket has a large surface area with minimal pressure drop.

2205 ALLOY CANISTER

The Canister is made of super duplex 2205 stainless-steel, one of the most corrosion-resistant materials in the marine industry, and features a cast one-piece strainer body.



REAL-TIME INFORMATION AT YOUR FINGERTIPS

Instead of peering through a dirty site glass or opening the strainer and making a mess in your engine room, simply look at ElectroStrainer Pro's digital display from the helm or comfort of your salon. ElectroStrainer Pro tells you exactly how much seawater is flowing through your seawater system in real time, assuring you it's generating chlorine and protecting your boat's cooling systems. ElectroStrainer has no scheduled maintenance and forever changes the industry's approach to seawater management.

ACTIVE MONITORING AND ALERTS

ElectroStrainer Pro's ClearVis Flow Sensor actively monitors seawater flow rates in real time, so you know how much seawater is flowing to your cooling system. The Smart Strainer Flow Alert™ feature automatically alerts you if the system needs attention for any reason, such as low seawater flow due to debris in the strainer basket.

