





Operation Manual

Model CL-1000-X1.5





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ELECTR[®]SEA[®]

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ELECTROSEA®

ElectroSea was created when the owners of a sportfishing yacht invented "a better way" to prevent unwanted marine growth in their seawater lines. Solving complex technical problems is their expertise. With more than 100 issued U.S. patents and 350+ foreign patents in advanced technologies, our Executive Management Team has been developing innovative solutions for more than 50 years. With an expert team of 'old salts' who eat, sleep, and breathe boating, ElectroSea will improve your time on the water.

CLEARLINE® System

CLEARLINE is an innovative marine electrochlorination system that prevents biofouling and barnacle growth in your vessel's seawater lines. CLEARLINE keeps your air conditioners, chillers and refrigerators operating at maximum flow rates, and sea strainers clean longer. The patent pending CLEARLINE System includes CLEARLINE Control Unit which is the brain, and ClearCell[®] which is the heart of the system. CLEARLINE operates automatically 24x7x365 and is built for flawless and reliable performance.

Safety Considerations

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE Indicates a hazardous situation which can cause damage to personal property, environment, or equipment.

User Interface

Features and Functions

- 1. Power on CLEARLINE. The Control Unit will complete a diagnostic self-test and then the green "POWER" light will be illuminated.
- 2. The main status screen will be displayed.



Operating Modes

The Operating Mode displays the state of the CLEARLINE System. Modes include:

- **OFF:** CLEARLINE is powered, but is in the OFF mode and not Cleaning.
- START-UP: CLEARLINE is performing a diagnostic self-test. This mode lasts for approximately 30 seconds.
- **CLEANING:** CLEARLINE is ON and Cleaning. This is the normal operating mode for the CLEARLINE System.
- FLOW ALERT: CLEARLINE is ON and Cleaning, but the flow rate measured is less than or equal to the value set manually in the Flow Alert feature.
- CELL INDICATOR: CLEARLINE will continuously attempt to generate chlorine and automatically resume standard operation when conditions are resolved.

Feature Overview

- Flow Rate (GPM): Monitors the flow rate in gallons per minute (GPM) or liters per minute (LPM) of seawater at the output of the CLEARLINE System. The flow rate is displayed for values of 4-50 GPM (15.1-189.3 LPM). CLEARLINE CL-1000-X1.5 should not be used with flow rates >50 GPM (>189.3 LPM).
- **Pump Mode:** Optional feature for vessels with two seawater intake pumps that require manual alternating of the pumps on a regular schedule. This feature automates the manual process of alternating between Pump #1 and Pump #2. When Pump #1 or Pump #2 is operating, the green Pump light will be illuminated.
- **Pump Time:** Optional feature for vessels with two seawater intake pumps that are manually cycled. This feature sets the desired duration of time that Pump #1 or Pump #2 operates. Alternating time periods range from 10 minutes to 72 hours.
- Flow Alert: An alert that indicates the flow rate is at or below a threshold level for a period of time. Flow Alert is manually set by the user.
- Display Contrast, Backlight, Imperial and Metric Units: Adjustment of LCD display contrast and backlight levels from Lo to Hi. Selection of Imperial and Metric units for flow in GPM or LPM.
- Default Update: Process to restore CLEARLINE to original factory default settings. Allows the user to update CLEARLINE Control Unit firmware from a USB memory drive supplied by ElectroSea.

Power ON and Start-up Delay

Power ON the CLEARLINE System. The Control Unit will complete a diagnostic self-test and then the green "POWER" LED will be illuminated. "START-UP" will be displayed for 30 seconds.

Cleaning Mode

During normal operation the Control Unit will flash "Cleaning" and the green Cleaning LED will be illuminated. This indicates the CLEARLINE System is electrochemically generating chlorine to prevent biofouling in the vessel's seawater circuit. The System will display the flow rate at the output of the CLEARLINE System in gallons per minute (CPM) or liters per minute (LPM). If the flow rate drops below 4 GPM (15 LPM), then the display will indicate Min Flow. The CLEARLINE System will automatically stop generating chlorine if Min Flow (1-3 GPM/3.8-11.4 LPM), or No Flow (0 GPM).

	CLEARLINE	-Menu
>	Cleaning Auto	XX GPM

Auto Mode

The CLEARLINE System automatically and continuously calculates the optimal level of chlorinated seawater to prevent biofouling in lines based on multiple input parameters including seawater flow rates, key electrical parameters, and environmental temperature.

Display Backlight, Contrast and Imperial / Metric Units

Set Backlight, Contrast, or Units: The LCD display backlight, contrast, and imperial / metric units can be set. Use the Up or Down arrows to select and change settings.

Inhibit Mode

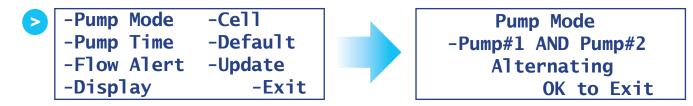
Inhibit Mode: The CLEARLINE System can be wired to receive a signal from (1) 24VDC or 12VDC, and/or (1) 240VAC or 120VAC input from equipment such as a Baitwell or Reverse Osmosis (R.O.) Water System that are incompatible with chlorine. These wired inputs trigger the CLEARLINE System to "inhibit" (stop) generating chlorine. CLEARLINE will flash the word Inhibit on the status screen and the green Inhibit LED will be illuminated.



NOTE: Inhibit is an OPTIONAL feature. It is NOT REQUIRED for the CLEARLINE System to operate properly. See CLEARLINE Installation Manual for details.

Pump Mode and Time

Pump Mode: The CLEARLINE System can be wired to the vessel's seawater intake pump controller for monitoring and/or to automate the seawater pump alternating process. This optional feature is useful for vessels that have two seawater intake pumps that require scheduled manual cycling. The Pump Mode and Time feature automates the manual process of alternating the operation of Pump #1 and Pump #2 for a specific time duration (i.e. every 24 hours).



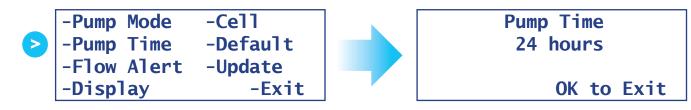
NOTE: Pump Mode and Time is an OPTIONAL feature. It is NOT REQUIRED for the CLEARLINE System to operate properly. See CLEARLINE Installation Manual for details.

Pump Mode and Time continued

The Pump Mode should be set up during the installation process. Refer to the table below to verify the Pump Mode is set correctly. Use the Up or Down arrow to select Pump Mode.

Mode	Description	
Pump Sense Not Used	Pump sensing is not being used. This is the factory default mode. (<i>Note: If your vessel does not have dual pumps and/or cannot be connected to CLEARLINE's automatic pump cycling feature, then set Pump Mode to "Pump Sense Not Used"</i>).	No
Pump#1 and Pump #2 <u>Alternating</u>	Two seawater intake pumps are wired to the CLEARLINE System. Pump #1 and Pump #2 can be alternated at a specific time duration from 10 minutes to 72 hours. The CLEARLINE System is controlling the ON/OFF pump operation.	Yes
Pump#1 and Pump #2 MonitorsTwo seawater intake pumps are wired to the CLEARLINE System. Pump #1 and Pump #2 can be monitored. The CLEARLINE System is only monitoring and is NOT controlling the ON/OFF pump operation.		Yes
Pump #1 ONLY Monitor	One seawater intake pump is wired to the CLEARLINE System. Pump #1 is for monitoring only.	Yes

Set Pump Time: This is an optional feature for vessels that have dual seawater intake pumps that are manually cycled. This feature sets the desired duration of time that Pump #1 or Pump #2 operates. The Pump Time can be set to 10 minutes, and 1 hour intervals up to 24 hours, 48 hours, and 72 hours. Use the Up or Down arrow to select Pump Time.



Optimal Performance

Constant Chlorinated Seawater Flow: The CLEARLINE System should be powered ON and have seawater flowing through the ClearCell at all times. This provides the vessel's seawater circuit with constant chlorinated seawater to prevent unwanted marine growth. Intermittent or stagnant seawater that is not continuously electrochemically treated allows growth of marine microorganisms. Barnacles have the innate ability to close themselves off and survive intermittent exposure to biocidal agents.

• DO NOT turn off seawater pumps, air conditioner, or chiller for an extended period of time.

Inspect the vessel for problem areas:

- Pre-existing biofouling in seawater lines prior to CLEARLINE installation.
- Clogged seawater strainers and intakes.
- · Impacted, blocked or occluded lines from debris lodged in plumbing.
- Sporadic demand valve areas; depending on the system, valves that turn on and off can foster unwanted marine growth.

Flow Alert

Flow Alert: The Flow Alert feature monitors seawater flow through the ClearCell. This feature allows the user to set a minimum flow rate threshold value and time duration. If the seawater flow rate drops below a minimum value for a period of time, then "Flow Alert" will appear on the display (no audible alert). This feature notifies the user that some part of the seawater circuit such as the intake, strainer, pump, or internal screen on the ClearCell requires cleaning or is not functioning properly. Flow rate can be set in GPM or LPM, and time duration in minutes. To set the Flow Alert value go to MENU, Flow Alert, and enter desired threshold flow rate and time duration for notification.

NOTICE

Flow Alert feature is default OFF from ElectroSea and must be set-up by the installer or end user.

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NOTICE
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CLEARLINE will continue generating chlorine even after a Flow Alert occurs. Flow Alert does not prevent CLEARLINE from operating.

If a Flow Alert occurs:

- 1. Check vessel's strainers and intake grates for blockage
- 2. Check seawater pump operation
- 3. Check ClearCell Internal Screen (see Pg. 10-15)

-Pump Mode	-Ce11
-Pump Time	-Default
-Flow Alert	-Update
-Pump Mode -Pump Time -Flow Alert -Display	-Exit

CELL Indicator

CELL Indicator: The Control Unit will display "SALINITY/CELL", "% OUTPUT" and illuminate the red CELL LED in various conditions. This is not an immediate cause for concern and may be temporary depending on seawater salinity level. CLEARLINE will continuously attempt to generate chlorine and automatically resume standard operation when conditions are resolved. The CELL indicator will be illuminated if any of the following conditions occur for multiple consecutive days:

- Water salinity is below 20 parts per thousand (most common cause of CLEARLINE CELL indicator notice)
- ClearCell cable or its connectors has been compromised
- ClearCell Electrode has excessive mud or other debris
- ClearCell Electrode is at the end of its useful life

Water Salinity

- · Vessels often encounter brackish or freshwater when cruising inland, and from extended storms and freshwater run-off.
- Low salinity is the most frequent cause of CLEARLINE CELL Indicator.
- CLEARLINE will not display "CLEANING" or generate chlorine while vessel is operating in freshwater. **RESOLUTION: Vessel returns to seawater with adequate salinity.**

ClearCell Cable

- The ClearCell cable and connections must not be spliced, cut, compromised, or damaged.
- Inspect the Control Unit to ClearCell cable carefully. Look for any corrosion at the connectors.
 - **RESOLUTION: Replace the ClearCell cable if it is compromised.**

Excessive Mud or Other Debris

• If there is excessive mud or other debris, then the ClearCell Electrode may require a brief rinse with freshwater. **RESOLUTION: Follow instructions on Pg. 10-15.**

ClearCell Electrode at End of Life

When the ClearCell Electrode has reached the end of its useful life it can no longer generate chlorine. The ClearCell Electrode life is dependent on flow rate, hours of use, seawater quality and other factors. The ClearCell Electrode will be effective for many years before replacement is required.
 RESOLUTION: Contact your CLEARLINE dealer or ElectroSea directly.



Internal Screen

Internal Screen: The ClearCell contains an internal screen to catch debris before it reaches the flow sensor (debris, tiny shells, or other foreign materials that pass through the vessel's main strainer). The internal screen should be cleaned periodically, and whenever debris gets caught in the screen and decreases seawater flow. Before accessing the ClearCell Electrode, double-check the list of Alerts and Indicators on Pg. 8 and 9 because the ClearCell infrequently requires rinsing.

NOTICE Low Salinity is the most frequent cause of a CELL Indicator notice. Do not open ClearCell canister if you suspect the CELL indicator notice is due to low salinity.

NOTICE

- DO NOT PERFORM ACID DESCALING OF SEAWATER CIRCUIT <u>AFTER</u> The clearline system has been installed.
- DESCALING ACIDS OR CLEANING CHEMICALS WILL DAMAGE THE CLEARCELL CANISTER, CLEARCELL ELECTRODE AND VOID THE WARRANTY.
- DO NOT TOUCH THE CLEARCELL ELECTRODE PLATES OR USE ANY TYPE OF MECHANICAL BRUSH.
- THE CLEARCELL ELECTRODE PLATES CONTAIN A SPECIAL METAL OXIDE COATING THAT WILL BE PERMANENTLY DAMAGED IF YOU HANDLE IT.

NOTICE Low seawater flow may damage cooling system and other components that depend on this water for proper operation. It is the owner's responsibility to monitor the vessel's seawater flow and perform any maintenance on the vessel's seawater pumps, strainers, and screen in ClearCell.

Spray screen with freshwater to remove debris



Internal Screen Access

Before accessing the ClearCell Electrode, double-check the list of Alerts and Indicators on Pg. 8 and 9 because the ClearCell infrequently requires rinsing.

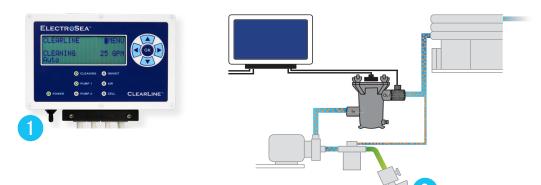
To access ClearCell Electrode:

- 1. Power OFF the CLEARLINE Control Unit.
- 2. Turn OFF ALL seacock valves in the seawater circuit at or below the waterline. This includes any output seacocks to prevent back siphoning.

WARNING Failure to turn OFF ALL seacock valves in the seawater circuit could result in sinking the vessel.

3. Disconnect the 1' (30.5cm) cable labeled CELL that is located at the top of the ClearCell unit. To disconnect this cable, do so at the cable connector.







DO NOT UNSCREW Plastic Cap Nuts 4. Remove the pressure ring by turning the wing nuts counterclockwise.

5. Remove the pressure ring.



6. Remove the Electrode Assembly by lifting it straight up by the sides of the black plastic top. Do not lift or pull on the top cable connectors.



7. Spray the ClearCell Electrode Assembly with freshwater to remove any dirt or mud between the plates or debris in the internal screen.

NOTICE DO NOT TOUCH THE SURFACE BETWEEN THE ELECTRODE PLATES, OR USE ANY TYPE OF MECHANICAL BRUSH. THE CLEARCELL ELECTRODE PLATES CONTAIN A SPECIAL METAL OXIDE COATING THAT WILL BE PERMANENTLY DAMAGED IF YOU HANDLE IT.

NOTICE DO NOT PUT ANY CHEMICALS, ACIDS, Descaling solutions or zings in the clearcell canister or on the electrodes. This will damage the electrode.



Spray plates and screen with freshwater

- 8. Insert the ClearCell Electrode Assembly back into ClearCell canister. The Electrode Assembly and Canister are keyed and only can be inserted in one direction. Align the Electrode Assembly key and the ClearCell canister key and insert it into the ClearCell canister.
- 9. Add the pressure ring and begin tightening down the wing nuts evenly. Bleed all air out of the ClearCell canister, and then finish securing the wing nuts. DO NOT use any tools to perform this tightening process. Work in a star pattern so they are all evenly secure.
- 10. Double check to ensure all fittings, hose clamps and wing nuts are secure.







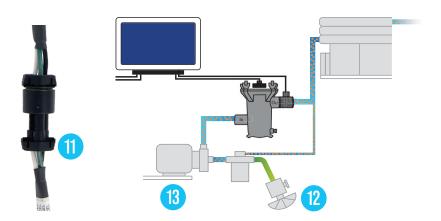
- 11. Reconnect the ClearCell Cable to the CLEARLINE Control Unit.
- 12. Open the seacocks and check for any leaks.
- 13. Turn the seawater intake pumps ON. The seawater intake pumps must be ON and pumping seawater at normal flow rates for CLEARLINE to operate.

NOTICE Any air trapped in the ClearCell canister must be bled out. Cycle the seawater intake pump and/or loosen the ClearCell canister wing nuts to bleed out excess air then re-tighten the ClearCell canister.

NOTICE DO NOT restrict seawater flow to ClearCell canister.

- 14. Turn ON the CLEARLINE System. The CLEARLINE Cleaning LED should be illuminated in green and the display should state it is in Cleaning mode.
- 15. If the CELL Indicator is still active, then one of the following conditions still persists:
- Water salinity is below 20 parts per thousand
- ClearCell cable or its connectors has been compromised
- ClearCell Electrode has excessive mud or other debris
- ClearCell Electrode is at the end of its useful life

For further troubleshooting, see Pg.9 or Pg. 20; or contact your CLEARLINE dealer or ElectroSea.





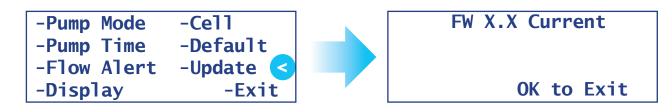
Factory Default and Firmware Updates

1. **Default:** This is the process to restore CLEARLINE to its original factory default settings. The user will press and hold the Up & Down arrows simultaneously for 10 seconds to restore factory default settings.



- 2. **Update:** This allows the user to update the firmware using a USB memory drive supplied by ElectroSea. To perform a firmware update: a. Insert the ElectroSea USB memory drive.
 - b. Go to the Update menu. Line 1 displays the current firmware version of the unit. Line 2 displays the available firmware version that is on the USB memory drive. It is possible to upgrade or downgrade the firmware version.
 - c. Press and hold the Up & Down keys simultaneously for 10 seconds, then release the keys once the update begins.
 - d. During the update, the Control Unit is in a locked mode and cannot be used. The bottom line of the display will show the update progress.
 - e. Once the update is complete, the Control Unit will reboot.
 - f. Confirm the update was successful by going back to the Update menu. The display will show that the FW X.X is up to date.

NOTICE In the event that the firmware update fails, the Control Unit maintains a redundant copy of the existing firmware. The screen will display a result message at the end of an update attempt to confirm the update was successful. Repeat the steps above to retry the firmware update if required.



Periodic Inspection

The CLEARLINE System should be viewed during regular inspection of the vessel's engine room. During normal operation, the CLEARLINE System status screen will flash the message "Cleaning" and the green LED will be illuminated. This indicates the CLEARLINE System is generating a safe and effective low level of chlorine preventing unwanted marine growth, barnacles, and biofilm in the seawater lines.

If there are any concerns during the regular inspection noted above, then perform a more thorough process:

- Visually inspect all wires and connections between the CLEARLINE Control Unit and the ClearCell.
- Disassemble the ClearCell and thoroughly flush and clean the internal screen (See Pg. 10-15)
- Visually inspect the Flow Sensor.
- Visually inspect seawater conduits to confirm marine growth prevention.

NOTICE Inspection and maintenance are the responsibility of the vessel owner.

Specifications

CLEARLINE SYSTEM 24VDC **Power:** 7 Amp Max Peak Current **Normal Operating Flow:** 18-50 GPM (68.1-189.3 LPM) **Maximum Pressure:** 70 psi **CLEARLINE CONTROL UNIT** Size: 10.0 inches (25.4cm) - width 7.0 inches (17.8cm) - height (without cables) 3.25 inches (8.3cm) - depth CLEARCELL Size:

10.2 inches (26cm) - height 8.4 inches (21.3cm) - diameter / width

Modes and Troubleshooting

Mode	Description	Action
OFF	Unit is powered ON, but is in the OFF state. No seawater is flowing through the system. This is a normal operating mode provided there is no seawater flow	
Cleaning	g The mode for cleaning and preventing biofouling by chlorinating seawater. This is a normal operating mode. See Pg. 5 for Cleaning.	
Auto	The mode for automatically optimizing the level of chlorinated seawater based on multiple input parameters including flow rate, key electrical parameters, and environmental temperature.	
Min Flow	The flow rate is 1-3 GPM (3.8-11.4 LPM), and is too low to chlorinate seawater. The Min Flow indicator will disappear when the seawater flow rate >4 GPM (>15.1 LPM).	
No Flow	The flow rate is 0 GPM. The No Flow indicator will disappear when the seawater flow returns.	
Inhibit	(1) 24VDC or 12VDC, and/or (1) 240VAC or 120VAC input from a baitwell or Reverse Osmosis unit indicates that the CLEARLINE System should not generate chlorine.This is a normal operating state. See Pg. 6 for Inhibit.	
Pump #1	Pump #1Pump #1 is operating.This is a normal operating state. See Pg. 6-7 for Pump Modes.	
Pump #2	Pump #2 is operating.	This is a normal operating state. See Pg. 6-7 for Pump Modes.

Modes and Troubleshooting

Mode	Description	Action
Flow Alert	Flow Alert is a user defined threshold value for visual alert and notification purposes. The user should manually set the desired Flow Alert value and time duration.	 CLEARLINE will continue generating chlorine even after a Flow Alert occurs. Flow Alert does not prevent CLEARLINE from operating. Note: If the flow rate is less than or equal to 4 GPM (15 LPM), then a Min Flow alert will occur and CLEARLINE will stop chlorinating seawater. If a Flow Alert occurs: Check vessel's strainers and intake grates for blockage Check seawater pump operation Check all other components in the seawater intake fluid path Check ClearCell Internal Screen and rinse according to instructions starting on Pg. 10.
CELL Indicator	The Control Unit will display "SALINITY/ CELL", "% OUTPUT" and illuminate the red CELL LED in various conditions. This is not an immediate cause for concern and may be temporary depending on seawater salinity level. CLEARLINE will continuously attempt to generate chlorine and automatically resume standard operation when conditions are resolved.	 Water Salinity Vessels often encounter brackish or freshwater when cruising inland, and from storm run-off. Low salinity is the most frequent cause of CLEARLINE CELL Indicator. CLEARLINE will not display "CLEANING" or generate chlorine while vessel is operating in freshwater. RESOLUTION: Vessel returns to seawater with adequate salinity. ClearCell Cable The ClearCell cable and connections must not be spliced, cut, compromised, or damaged. Inspect the Control Unit to ClearCell cable carefully. Look for any corrosion at the connectors. RESOLUTION: Replace the ClearCell cable if it is compromised. Excessive Mud or Other Debris If there is excessive mud or debris, then the ClearCell Electrode may require a rinse with freshwater. RESOLUTION: Follow instructions on Pg. 8-13. ClearCell Electrode at End of Life When the ClearCell Electrode has reached the end of its useful life it can no longer generate chlorine. The ClearCell Electrode will be effective for many years before replacement is required. RESOLUTION: Contact your CLEARLINE dealer or ElectroSea directly.
High Temperature	CLEARLINE internal temperature is high.	Contact your installation Dealer or ElectroSea as the ClearCell Electrode may be at the end of its useful life.

ELECTROSEA, LLC

State Law and Implied Warranties: This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. Any implied warranties that apply to you, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the Warranty Period defined below. Some states do not allow limitations on how long an implied warranty will last, so the above limitation may not apply to you.

Limited Warranty - What is Covered: ElectroSea, LLC ("ElectroSea") warrants that this product (the "Product") will be free from defects in materials and workmanship when used for its intended purposes under normal usage conditions. As described below, there are limitations to this Limited Warranty.

Who is Covered: This Limited Warranty is made only to this purchaser (the "Original Purchaser"):

- 1. The original end user purchaser of a Product directly from ElectroSea or an authorized ElectroSea Dealer (a "Direct Purchaser"); or
- 2. The original end user purchaser of a new vessel in which a new Product was installed by the manufacturer (a "Vessel Purchaser").
- 3. This Limited Warranty is not transferable.

How Long Coverage Lasts - the Warranty Period: This Limited Warranty only applies for a two year period (the "Warranty Period") that begins on:

- 1. For a Direct Purchaser, the date of the Direct Purchaser's purchase of the Product; or
- 2. For a Vessel Purchaser, the date the vessel is delivered to the Vessel Purchaser by the manufacturer or one of its dealers.

What ElectroSea will Do: ElectroSea's only obligation under this Limited Warranty is to, at ElectroSea's election:

- 1. Repair the Product;
- 2. Replace the Product; or
- 3. Refund the original purchase price paid by the Original Purchaser for the Product.

This is the sole and exclusive remedy available under this Limited Warranty. ElectroSea's maximum monetary liability under this Limited Warranty is an amount equal to the purchase price paid by the Original Purchaser for the Product.

ELECTROSEA, LLC

Things Not Covered: This Limited Warranty does not cover:

- A failure of the Product that results from (a) improper installation of the Product, (b) a failure to follow instructions for use of the Product, (c) jamming or clogging the Product with foreign matter, (d) use of chemicals or other substances not specified by ElectroSea for use in or with the Product, (e) abuse, misuse, or mishandling of the Product, (f) repair or modification of the Product by someone other than ElectroSea, or (g) damage to the Product, however caused;
- 2. Costs of service to remove the Product for return to ElectroSea or install a repaired or replacement Product;
- 3. Damage to the Product while in transit to or from ElectroSea; or
- 4. Damage to the vessel in which the Product is installed or any of its equipment, components, systems, fittings, air conditioners, chillers, wells, pumps, freezers, conduits or pipework.

How to Make a Claim: Call ElectroSea toll free at (888) 384-888. You must make your claim during the Warranty Period and within 30 days after you first discovered the defect that is the subject of your claim. You will need a receipt (or similar document) that shows that you are the Original Purchaser and are within the Warranty Period. You will also need the Product's serial number, the type and length of vessel on which the Product is used, and a reasonably complete description of the problem you are having. ElectroSea may require that you send the Product to ElectroSea, at your cost, for examination. If your claim is covered by this Limited Warranty, ElectroSea will pay the cost of sending the Product (as repaired) or a replacement Product to you.

No Other Express Warranties: This Limited Warranty is the only express warranty that applies to the Product. ElectroSea has not given anyone the right to make any warranty or promise of any kind relating to ElectroSea or the Product, so if someone other than ElectroSea makes a warranty or promise relating to ElectroSea or the Product, that warranty or promise is not binding on ElectroSea.

Limitation of Damages: In no event or circumstance will ElectroSea be liable to anyone for any punitive, special, incidental, indirect or consequential damages that relate in any way to the Product, even if ElectroSea has been advised of the possibility of those damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

Product Changes: ElectroSea may change the Product, the materials used in the Product, or the manner in which the Product is made from time to time, but will not have an obligation to incorporate any of those changes into previously manufactured Products or provide notice of any of those changes to purchasers of previously manufactured Products.

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