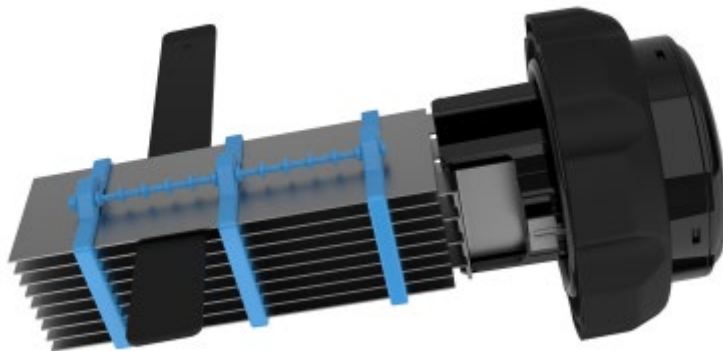




CHLORINATION SYSTEM REPLACEMENT ELECTRODE



INSTALLATION AND OPERATION MANUAL

READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

Thank you for your purchase of a CaliMar® replacement salt cell. The CaliMar® CMARPC series salt cells are compatible with CMP® PowerClean® and SGS® Wave® and Breeze® saltwater chlorination systems.

CaliMar® Electrode Part Numbers	Volume in Gallons	Warranty	Compatible with CMP® Electrode Part Numbers	Compatible with SGS® Electrode Part Numbers	Compatible with Saltwater Chlorination Systems
CMARPC20-2Y	20,000	2-Years	FIN-CEBRZ320 1FIN-CEWAVE20	52000-220-110	CMP® Powerclean® Salt Ultra 320 CMP® Powerclean® Salt Econ 320 SGS® Wave® 320 SGS® Breeze® 320
CMARPC40-2Y	40,000	2-Years	1FIN-CEBRZ540 1FIN-CEWAVE40	52000-240-110	CMP® Powerclean® Salt Ultra 540 CMP® Powerclean® Salt Econ 540 SGS® Wave® 540 SGS® Breeze® 540
CMARPC60-2Y	60,000	2-Years	1FIN-CEBRZ760	52000-260-110	CMP® Powerclean® Salt Ultra 750 SGS® Breeze® 750

NOTE: CaliMar® CMARPC salt cells are not produced, manufactured, or sold by CMP®. Neither CaliMar® nor its CMARPC salt cells are affiliated with CMP®. The use of such trademarks herein is for informational purposes only. Model and system compatibility designations are included for informational purposes only.

Important Safety Instructions



To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

Risk of electric shock. Connect only to a grounding type receptacle protected by a ground-fault circuit-interrupter (GFCI). Contact a qualified electrician if you cannot verify the receptacle is protected by a GFCI.

Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.

To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located outlet.

This product can form hazardous gas if not installed or operated correctly.

Always follow all local building and electrical codes.

CHEMICAL USE HAZARD

- To avoid personal injury when working with pool chemicals, always wear rubber gloves and eye protection, and work in a well-ventilated area. Use caution when choosing a location to open and use chemicals as they may damage any surface to which they come in contact.
- The addition of certain chemicals can reduce the effectiveness of chlorine. Always make sure that proper residual chlorine levels are maintained to avoid personal injury.
- This product produces chlorine. Individuals with any type of chlorine sensitivity should take the appropriate precautions to avoid injury or illness.

Operation

NOTE: The total working hours for the cell replacements should be less than 8 hours total per day. If you are using a variable speed pump for 24 hours a day be sure to adjust the chlorine output to 25-30%. If the pump is only running 10 hours per day adjust the chlorine output between 60-80%.

You can use this calculation to determine the appropriate chlorine output for your pool at the suggested 6 hours per day.

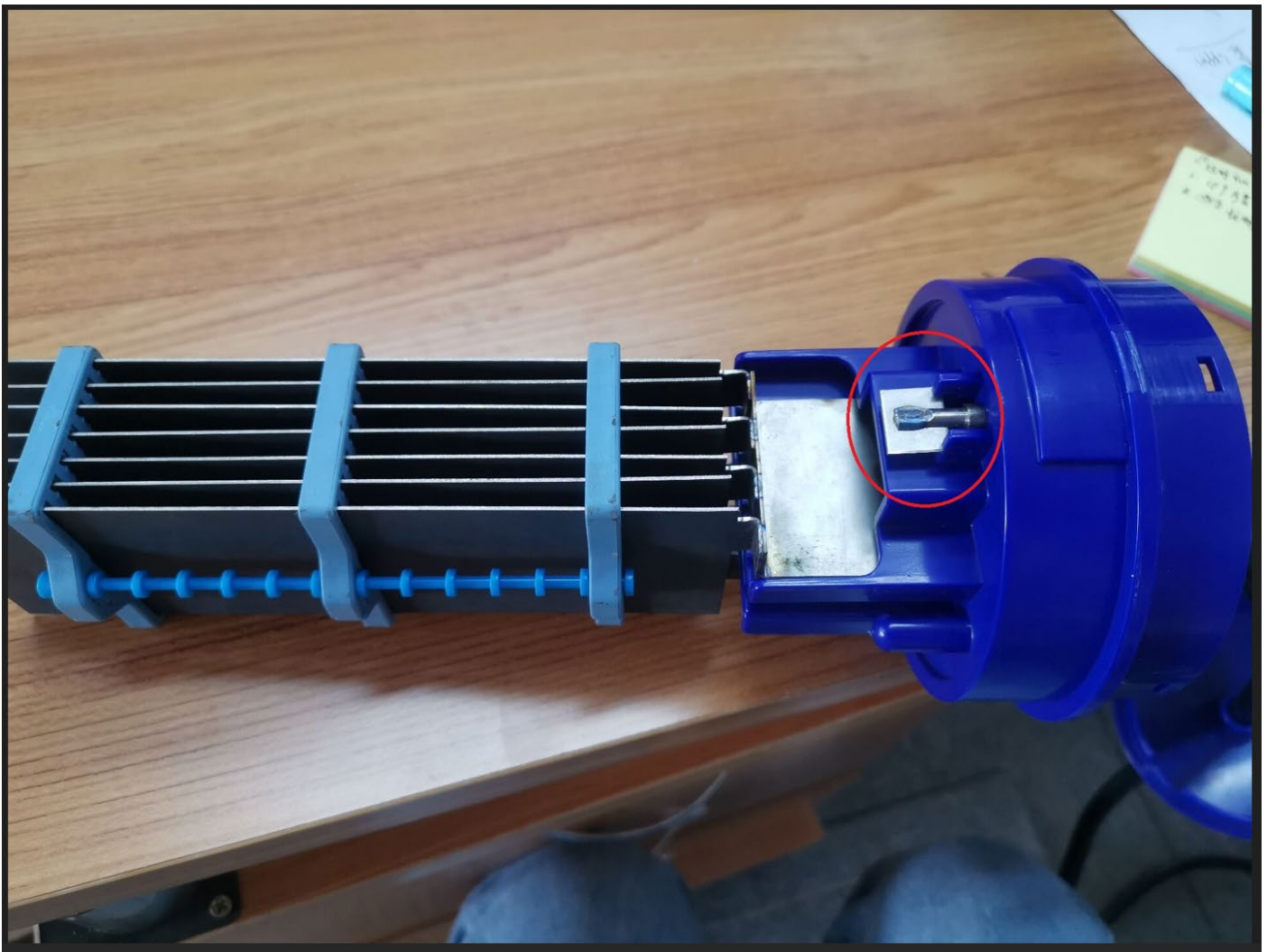
- Pump running 24 hours a day x 25% chlorine output = 6-hour cell run time per day at 25%
- Pump running 20 hours a day x 30% chlorine output = 6-hour cell run time per day at 30%
- Pump running 15 hours a day x 40% chlorine output = 6-hour cell run time per day at 40%
- Pump running 12 hours a day x 50% chlorine output = 6-hour cell run time per day at 50%
- Pump running 8 hours a day x 75% chlorine output = 6-hour cell run time per day at 75%

Maintenance

CELL CLEANING

1. Before removing the cell, shut off power to the system and deactivate the pool pump.
2. Remove the cell, inspect the cell and check for scale buildup (light-colored crusty or flaky deposits) and debris on the plates. If no deposits are visible, reinstall the cell.
3. If deposits are visible, you can use the cleaning cap to clean. Please clean gently without damaging the coating on the electrode.
4. If still some stuck, use a mild acid wash. Always wear rubber gloves and appropriate eye protection. In a clean plastic container, mix water and muriatic acid in a 4:1 ratio (one gallon of water to one quart of acid).
Note: Always add acid to water - never add water to acid. Follow the chemical manufacturer's recommendations when storing or handling water/acid solutions better.

NOTE: When replacing the titanium plates, the titanium flow sensor needs to face up.



Limited Warranty

The CaliMar® **CMARPC series** salt cells are warranted to be free from defects in materials and workmanship, under normal use and non-commercial application, for a period of two (2) years.

This limited warranty is subject to the following terms, conditions, and exclusions.

To obtain the benefits of this warranty, contact the warranty department for troubleshooting. Proof of purchase may be required. This warranty extends to the original retail purchaser and original installation site only, beginning at the original date of purchase, and is non-transferrable. This cell is intended for residential pool use and any commercial application voids all warranties.

Should a defect in any item or part covered by the warranty become evident during the warranty's term, CaliMar® will at its sole discretion repair or replace such item or part. CaliMar® reserves the right to replace defective parts with new or refurbished parts. This warranty does not include the cost of labor or transportation charges for equipment or component parts to or from CaliMar®, or the removal, reinstallation, or any such costs incurred in obtaining warranty. The warranty is not applicable to problems arising from circumstances outside the control of CaliMar®, including, but not limited to the following:

- Product discoloration, or any other cosmetic or superficial damage or deterioration, regardless of its cause.
- Problems arising from failure to maintain proper water chemistry levels, per manufacturer's recommendations, as outlined in the Owner's Manual.
- Problems resulting from tampering, accident, electrical surges, abuse, neglect, unauthorized or unqualified repairs, product alteration, fire, flood, freeze damage, lightning, insects, Acts of Nature, or other circumstances beyond the control of CaliMar®.
- Damage due to over-tightening of threaded components or excessive pressure or stress.
- Damage or premature wear due to improper pool chemistry, and failure to maintain pool water chemistry in accordance with the recommendations contained in the owner's manual.
- Damage due to improper installation or improper voltages, including materials and workmanship supplied by others.
- Damage or degrading of concrete, stone, wood, or synthetic surfaces adjacent to the swimming pool or spa.
- Damage due to negligence or failure to properly maintain equipment, including the maintenance of clean and tight electrical connections.
- Damage due to improper service, as well as unauthorized equipment modifications and use of non-genuine replacement parts.
- Damage due to misapplication, misuse, abuse, overuse of the cell lifetime (over 10 hours per day) or failure to operate equipment as specified in the owner's manual.
- Material supplied or workmanship performed by others in the process of installation.
- O-Rings, rubber gaskets, electrical fuses, and circuit-breaker components are normal replacement items subject to wear and are excluded from the warranty.

Disclaimers: This limited warranty constitutes the entire warranty. No other warranties apply, expressed or implied. The liability of CaliMar® shall not exceed the repair or replacement of defective items or parts under the referenced limited warranty terms. Under no circumstances shall CaliMar® or authorized agent/installer be responsible for consequential, special, or incidental damage(s) of any kind, including but not limited to personal injury, property damage, or damage to or loss of equipment. CaliMar® or agent/installer is not liable for any other expenses that may be incurred during installation or servicing. This warranty is valid only in the United States of America.



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