



CALIMAR

**Installation and Maintenance Instructions for
Salt Cell CMARCHA25-3Y
Generic Replacement for Hayward T-CELL-9**



Thank you for your purchase of the CaliMar CMARCHA25-3Y salt cell. The CMARCHA25-3Y is meant for use in pools up to 25,000 gallons in volume and is a direct replacement cell for Hayward saltwater chlorination systems as well as for the CaliMar CMARSHA25-3Y system.

Important Notes on CMARCHA25-3Y System Compatibility

The CMARCHA25-3Y is compatible with the following Hayward salt systems ONLY and will NOT work with versions made before 2009:

- **AquaRite systems must have firmware version 1.5 or newer**
- **AquaRite Pro systems must have firmware version 1.10 or newer**
- **AquaLogic systems must have firmware version 4.2 or newer**
- **Pro Logic P4 or Pro Logic PS systems must have firmware version 4.10 or newer**

If your Hayward system was built before 2009 and still has its original firmware you have the following options:

- **Purchase the CaliMar CMARCHA40-3Y cell (40,000 CMARSHA25-3Y 00 gallon capacity), which is compatible with all Hayward systems regardless of firmware version**
- **Purchase a new circuit board for your power center, which will work with the CMARCHA25-3Y cell**
- **Purchase a new AquaRite complete system**

Notes on System Configuration for CMARCHA25-3Y

Reconfiguring the cell for compatible salt systems:

- **For AquaRite models from 2009 or later, firmware version 1.5 or newer:**
 - **Slide the main switch to “Auto”**
 - **Push the Diagnostic button until “t-xx” shows on the display. If “t-15” is the factory default**
 - **To change displayed cell type, slide the main switch from “Auto” to “Super Chlorinate” and back to “Auto”, repeating until “t-9” is displayed**
 - **Push Diagnostic Button to exit**
- **For AquaRite Pro models:**
 - **Verify that firmware version is 1.10 or newer by pushing “Info” button, then repeatedly until firmware version is shown. If version is older than 1.10, the CMARCHA25-3Y CANNOT be used**
 - **Access Settings Menu by pushing “Settings” button**
 - **Push “>” until Chlor. Config is displayed, then push “+”**
 - **Push “>” repeatedly until “Cell Type” is displayed**
 - **Push “+” or “-“ until “T-CELL-9” is displayed**
 - **Exit Settings Menu by pushing “Info” button”**
- **For all Pro Logic models:**
 - **Verify that firmware version is 4.10 or greater by entering the Diagnostic Menu and repeatedly pushing the “>” until the Main Firmware Revision is shown. If version is older than 4.1, the CMARCHA25-3Y CANNOT be used**
 - **Enter the Configuration Menu**
 - **Push “>” until Chlor. Config is displayed, then push “+”**
 - **With Chlorinator enabled, push “>” repeatedly until “Cell Type” is displayed**
 - **Push “+” or “-“ until “T-CELL-9” is displayed**
 - **Exit Settings Menu by pushing Menu button**

Installation

- 1. Turn the power to both the filter pump and the cell’s power center off.**
- 2. Remove the old salt cell from the plumbing and unplug it from the cell cord connection it to the power center.**

- 3. Inspect the O-rings on the unions connecting the cell to the plumbing to see if they need replacement. If so, replace them before installing the new cell.**
- 4. Place the CMARCHA25-3Y in line and secure the unions by hand. Do not overtighten with use of tools.**
- 5. Plug the cell cord back into the power supply, and turn the filter pump and cell power center both back on, and refer to the owner's manual of your salt system for regular operation instructions.**

Maintenance

Your CaliMar CMARCHA25-3Y replacement cell comes standard with a three-year manufacturer warranty. There are a number of routine steps you can take, however, to help ensure that its usefulness extends much longer under normal operating conditions.

- 1. Visually examine the cell each time the "Inspect Cell" LED light comes on. This light will turn on after every 500 hours of operation, and thus if you run your pump six hours per day the light will serve as a reminder roughly every three months. Make sure to turn the filter pump and cell power center off before doing so.**
- 2. Calcium will build up over time on the cell blades, particularly in periods of high use or where water minerals are abundant, but cleaning the cell is a simple process that will usually remedy the problem.**
 - a. After completely removing the cell from plumbing and the power supply, hose off scale and loose debris from the cell blades. Do not use sharp objects to remove buildup from the blades, as this will damage their chemical composition and shorten the cell's life span.**
 - b. If needed, use a solution of 80 percent water and 20 percent muriatic acid to clean the cell (always add acid to the water). If a cell cleaning stand is available, fill the cell with the solution and let stand for about 10 minutes. If not, the solution can be poured into a bucket and the cell dipped into it, taking care to avoid the acid contacting the cord harness.**
 - c. Rinse the cell with clean water and reattach to the plumbing line.**
- 3. If the "Inspect Cell" light remains on after a thorough cleaning, this is usually a sign that the cell is wearing down and needs replacing.**