



TCELL940 TCELL940-W

MENU SETTING MAY BE REQUIRED!

The TCELL940 and TCELL940-W are extended life cells designed for pools up to 40,000 gallons. When replacing an existing T-CELL-15, GLX-CELL-15, TCELL940 or TCELL940-W, no re-configuration is necessary.

Configuration of your controller may be required before using the TCELL940 or TCELL940-W chlorinator cell. Refer to the information below. Incorrect configuration will cause inaccurate salt readings, improper operation, and possible system shutdown.

CONFIGURATION is necessary with the following models:

- AQR (Aqua Rite - all 2009 or later) - firmware version 1.5 or later
- AQR-PRO (Aqua Rite Pro)
- PL-P-4 (Pro Logic P4)
- PL-PS-x (Pro Logic PS)
- AQ-LOGIC-P-4 (Pro Logic P4)
- AQ-LOGIC-PS-x (Pro Logic PS)
- AQR900 series - all

NO CONFIGURATION is necessary with the following models:

- AQ-RITE (Aqua Rite - 2008 and earlier) - firmware earlier than version 1.5
- AQ-RITE-XL (Aqua Rite XL)

Connecting to an AQR or AQR900:

1. Slide the Main Switch to the "Auto" position.
2. Push the Diagnostic button repeatedly until "t-xx" appears on the display ("t-15" is the factory default). If "t-15" is displayed, skip to step 4.
3. To change cell type, slide the Main Switch from "Auto" to "Super Chlorinate" and back to "Auto". Repeat this process until the "t-15" is displayed.
4. Push the Diagnostic button to exit.

Connecting to an AQR-PRO:

1. Access the Settings Menu by pushing the "Settings" button.
2. Push ">" until Chlor. Config is displayed, then push "+".
3. Push ">" repeatedly until "Cell Type" is displayed.
4. Push "+" or "-" until "T-CELL-15" is displayed.
5. Exit Settings Menu by pushing the "Info" button.

Connecting to an AQ-LOGIC-P-4, AQ-LOGIC-PS-x, PL-P-4 or PL-PS-x:

1. Enter the Configuration Menu.
2. Push ">" until Chlor. Config is displayed, then push "+".
3. With the Chlorinator Enabled, push ">" repeatedly until "Cell Type" is displayed.
4. Push "+" or "-" until "T-CELL-15" is displayed.
5. Exit Settings Menu by pushing the "Menu" button.

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IMPORTANT INFORMATION

Regarding Extended Pool Filtration cycles, and Low Flow Rate conditions

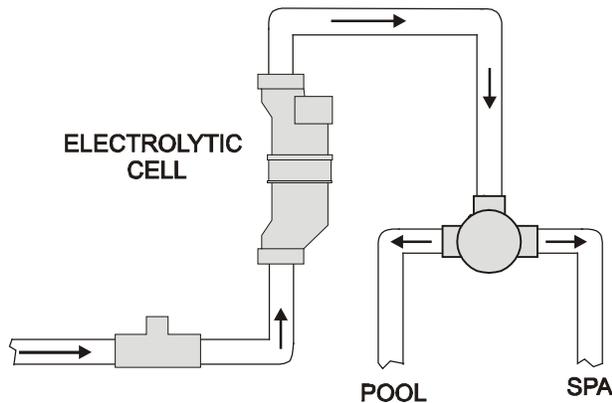
THE AMOUNT OF CHLORINE PRODUCED BY YOUR SALT CHLORINE GENERATING SYSTEM IS DEPENDENT ON THE LENGTH OF TIME THAT YOUR FILTER PUMP RUNS EVERY DAY. SO, YOUR CHLORINATION SETTING SHOULD BE MATCHED TO THE FILTER PUMP RUN TIME OF YOUR POOL.

Whether you plan to INCREASE or DECREASE the filter pump cycle on your pool, adjust the chlorination setting using the dial on your AquaRite chlorinator or the up and down keys on your AquaRite Pro or ProLogic controller. By properly adjusting your setting, you are preventing the over-chlorination or under-chlorination of your pool.

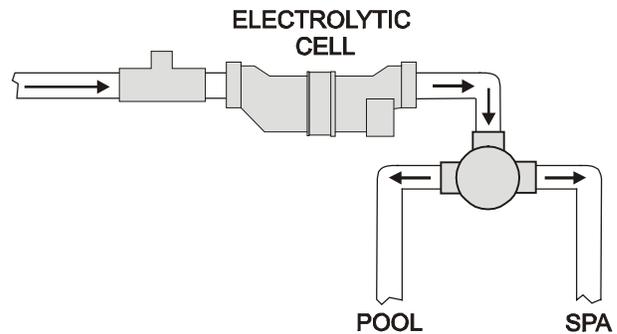
For example, If you plan on doubling the filter pump operating time (say from 8 hours/day to 16 hours/day), then reduce your chlorination setting by a factor of 2 (say from 50% to 25%). If you plan to triple your filter pump operating time, then reduce your chlorination setting by a factor of 3. Likewise, if you reduce your filter pump operating time (say from 12 hours/day to 8 hours/day), then increase your chlorination setting by a factor of 1.5 (i.e. $12/8=1.5$)

These adjustments, while necessary and important, are APPROXIMATIONS to the actual adjustment your pool requires. After any chlorination adjustment, monitor the pool's chlorine level closely for 1-2 weeks. If the readings stabilize in the 1-3 ppm range then you are all set—otherwise make another small adjustment (up or down) to increase or decrease the chlorine level. Once the chlorinator is set, it is good practice to check your chlorine levels weekly to ensure operation is normal.

WHEN USING 2 SPEED OR VARIABLE SPEED PUMPS ON LOW SPEED, CHECK TO BE SURE YOUR SALT CELL IS RECEIVING ADEQUATE FLOW. Low flow conditions can result in insufficient water in the cell causing inefficient chlorine production. As a precaution, the cell can be installed vertically or in an inverted manner (see illustration) to keep it flooded with water.



Vertical Installation



Inverted Installation

Desired installation configurations when using 2 speed or variable speed pumps.



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