

READ THIS FIRST

Important IntelliChlor® SCG Installation Information

IntelliChlor SCG Quick Start Guide and Tips

Follow these guidelines when installing and using an IntelliChlor Salt Chlorine Generator (SCG).

Before Installing the IntelliChlor SCG

- **POWER CENTER:** Ensure the line voltage matches the power center wiring. If the line voltage is 200-263 VAC, set the power center to 220 VAC wiring (factory default). If the line voltage is 85-130 VAC, remove the lid on the power center and re-wire to 110 VAC, referring to the wiring diagram on the lid.
- For a newly plastered pool use a spacer cell (P/N 520588) for 30 days to ensure all pool debris has been filtered out, avoiding damage to the IntelliChlor.
- Balance the pool water.
- pH: 7.2 - 7.8 Calcium Hardness: 200 - 400 ppm Alkalinity: 80 - 120 ppm
- Super chlorinate the pool. Set stabilizer to between 30-50 ppm.
- Ensure no phosphates or nitrates are in the pool water. These chemicals will consume chlorine as fast as it is produced, causing a low-chlorine condition in the water.
- Set salt level in pool between 3200 and 3400 ppm
- Install the IntelliChlor SCG according to the water flow arrow, displayed on the top of the cell. The IntelliChlor will only detect water flowing in one direction. **DO NOT ALTER OR ADJUST THIS FLOW SWITCH PADDLE.**
- Ensure water temperature is above 52°F (11°C). The IntelliChlor SCG will not produce chlorine below this temperature.

After a Few Days

- Use a pool test kit and measure the free chlorine. Adjust the IntelliChlor SCG Control Panel output setting accordingly by pressing the MORE or LESS button. If connected to an IntelliTouch®, EasyTouch® or SunTouch® control system, adjust the chlorine output level using the menu system. Refer to the control system product User's Guide for instructions.
- Verify the salt display LED is green. If the LED is red, add more salt to the water.

SEE BACK PAGE FOR IMPORTANT INTELLICHLOR SCG START-UP INSTRUCTIONS

After Powering Up IntelliChlor

After powering up the IntelliChlor SCG, the light sequence at power up will be:

- Salt lights will scroll back and forth, showing salt has not been checked yet
- COLD WATER light will be off (unless water temperature is below 52°F +/-3°F (11°C +/-1.7°C))
- CELL light will be off
- FLOW light will reflect the water flow, either red or green
- SANITIZER OUTPUT will be the output setting, as set by the MORE or LESS buttons or from the IntelliTouch, EasyTouch, or SunTouch Control System

Note: If the IntelliChlor is connected to an IntelliTouch, EasyTouch, or SunTouch control system, the SANITIZER OUTPUT lights may slowly flash when the output is set to a value not exactly 20%, 40%, 60%, 80% or 100%.

Reverse Cycle (Self-Cleaning Hours)

The Reverse Cycle is set to 2 hours for the first 192 hours of operation (approximately 30 days), then automatically switches to 3 hours. To extend blade life, you may lengthen this cycle up to 5 hours. See page 8 in the IntelliChlor User's Guide for more information.

- Press and hold the LESS button for 3 seconds. The SANITIZER OUTPUT will display the number of hours of reversal:
 - Two lights equals 2 hours
 - Three lights equals 3 hours, etc.

Super Chlorinate Mode

- Press MORE and LESS buttons simultaneously to activate BOOST mode, which sets the sanitizer output to 100% for 24 hours.
- Press both buttons again to cancel this mode.
- If connected to an IntelliTouch, EasyTouch, or SunTouch control system, the MORE and LESS buttons are disabled. Super Chlorination must be activated from the automation control panel.

Operating IntelliChlor SCG in Water Temperatures Below 52°F

When the IntelliChlor SCG is operated in water temperatures 52°F +/-3°F (11°C +/-1.7°C) and below, the "Cold Water" light will turn RED, indicating that the IntelliChlor SCG is on "Standby" mode to protect the blades (system off, no chlorine production). During this mode, all other lights on the unit will remain OFF until the water temperature increases to a safe working level (above 52°F) and the unit resumes normal operation.



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