

Xtreme Power US

3500 GALLON SALT WATER CHLORINATOR

ITEM: 90146



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL: KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATING, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL NEAR THE ASSEMBLY DIAGRAM (OR MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO NUMBER)

FOR QUESTIONS PLEASE CALL OUR CUSTOMER SUPPORT: 909.628.0880 MON-FRI 9AM TO 3PM PST



GENERAL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator. Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

- Before attempting to operate your new chlorine generator, salt must be added to your pool and your pool's water chemistry must be properly balanced. Properly balanced pool water is not only necessary for chlorine generation, but also to protect your pool equipment and users of the pool.

BECAUSE SOME CHEMICALS INFLUENCE MORE THAN ONE CHEMISTRY PARAMETER, IT IS IMPORTANT THAT YOU FOLLOW THE STEPS IN THE ORDER PRESENTED.

- Ensure that the installation of the equipment room is in compliance with the standards in force in the country of installation, at the time of installation.
- The electrical power cables and battery must be protected against accidental damage. Damaged cables must be replaced immediately, using only original cables. Never cut or extend the cables
- Always disconnect the power supply before doing any technical work on the device. Do not modify the device. Any modifications can damage the device or make it dangerous for people to use. Only qualified people may work on the device in case of failure or to perform maintenance.
- This device must only be used for household swimming pools.
- The detailed safety instructions in this manual are not exhaustive. They explain the most common risks encountered when using electrical equipment in the vicinity of water. Caution and common sense must be applied for any installation and use of this equipment.
- Salt is an inherently corrosive material. While the levels of salt required for proper operation of the Salt Chlorinator (SCG) are relatively low when compared to sea water and other salt solutions, placing any amount of salt in your pool increases the likelihood of corrosion or other deterioration of pool equipment and any surfaces used in and around your pool. Metal parts (including metal pools) and certain natural and man-made surfaces are particularly susceptible to corrosion and deterioration when used in and around salt water pools. XtremepowerUSA does not represent or otherwise guarantee that the proper use of the (SCG) will prevent corrosion or other deterioration of pool equipment and any surfaces used in and around your pool. Consult your experienced pool professional, who should be able to advise you on the proper material selection, installation techniques for those materials, and the proper use, care and maintenance of those materials for your specific pool type and location in order to minimize the corrosion and deterioration that is inherent in and around salt water pools.



SAVE THESE WARNINGS

STEP 1: CALCULATE POOL VOLUME

Determine the total number of gallons of water in your pool using the formulas below. This calculation will be used frequently when adjusting pool chemical levels so take care when measuring. For non-standard shaped pools, it may be easier to break the pool up into “sections” to make the calculations. When done, add all the “sections” to determine the total volume of your pool.

	GALLONS <i>(pool size in feet)</i>	LITERS <i>(pool size in meters)</i>
Rectangular	Length x Width x Average Depth x 7.5	Length x Width x Average Depth x 1000
Round	Diameter x Diameter x Average Depth x 5.9	Diameter x Diameter x Average Depth x 785
Oval	Length x Width x Average Depth x 6.7	Length x Width x Average Depth x 893

STEP 2: ADJUST SALT LEVEL

IDEAL RANGE: Before adding salt, test your pool water for the current level of salt.

RECOMMENDED LEVEL: 2700 - 3400 ppm (3200 ppm ideal)

After testing salt, refer to Table 1 to determine how much salt must be added to achieve a level of 3200 parts per million (ppm).

Salt should be added directly to the pool with the pool pump on. Brush the salt around to speed up the dissolving process - do not allow the salt to pile up on the bottom of the pool. For new plaster pools, wait 10-14 days hours with the suction coming from the main drain (use pool vac if there is no main drain) to allow the salt to evenly disperse throughout the pool.

Use common food quality salt usually available in 40-80 lb. bags labeled “Pool Salt” or “Coarse Solar Salt”. Do not use rock salt, salt with yellow prussiate of soda, salt with anti-caking additives, or iodized salt.

STEP 3: ADJUST CYANURIC ACID

Cyanuric Acid (Stabilizer) is very important to the performance of your chlorine generation system. It's a mild acid that helps prevent the breakdown.

**IDEAL LEVEL: 30 - 50 ppm outdoor pools
0 ppm indoor pools**

Test your pool's Cyanuric Acid level using a pool test kit or bring a water sample to your local pool store.

Refer to Table 2 to determine the amount of Cyanuric Acid needed to raise the Cyanuric Acid to the desired level.

STEP 4: ADJUST TOTAL ALKALINITY

Total Alkalinity (TA) is a measure of the total alkaline substances found in the pool water. The results of improper TA levels range from corrosion of metal pool parts, staining of the pool, burning eyes, cloudy water and reduced chlorine efficiency.

IDEAL LEVEL: 80 - 120 ppm

Test your pool's TA.

Refer to Table 3 to increase the pool's TA using Baking Soda (Sodium Bicarbonate 100%).

Refer to Table 4 to decrease the pool's TA using Muriatic Acid (Hydrochloric Acid 31.45%).

STEP 5: ADJUST TOTAL HARDNESS

Total Hardness is the measurement of the total amount of minerals that are found in your pool's water. Too much calcium hardness will cause scaling in your pool and too little will cause the pool water to become corrosive.

IDEAL LEVEL: 200 - 400 ppm

Test your pool's Total Hardness.

If low, add Calcium Chloride (77%) according to Table 5.

If Total Hardness is high, dilute or replace the pool water.

STEP 6: ADJUST PH

pH is the measure of how acid/alkaline the pool water is. If pH is too low, the water can be corrosive to pool equipment. If pH is too high, then the chlorine becomes much less effective for sanitization.

IDEAL LEVEL: 7.2 - 7.8

Test your pool's pH.

To increase the pool's pH, add Soda Ash according to Table 6.

To decrease pool pH, add Muriatic Acid according to Table 7.

CHEMISTRY QUICK START GUIDE

Table 1

POUNDS and (Kg) OF SALT NEEDED FOR 3200 PPM

Current salt level ppm	Gallons and (Liters) of Pool/Spa water						
	12,000 (45,000)	14,000 (52,500)	16,000 (60,000)	18,000 (67,500)	20,000 (75,000)	22,000 (82,500)	24,000 (90,000)
0	320 (145)	373 (170)	427 (194)	480 (218)	533 (242)	587 (267)	640 (291)
200	300 (136)	350 (159)	400 (182)	450 (205)	500 (227)	550 (250)	600 (273)
400	280 (127)	327 (148)	373 (170)	420 (191)	467 (212)	513 (233)	560 (255)
600	260 (118)	303 (138)	347 (158)	390 (177)	433 (197)	477 (217)	520 (238)
800	240 (109)	280 (127)	320 (145)	360 (164)	400 (182)	440 (200)	480 (218)
1000	220 (100)	257 (117)	293 (133)	330 (150)	367 (167)	403 (183)	440 (200)
1200	200 (91)	233 (106)	267 (121)	300 (136)	333 (152)	367 (167)	400 (182)
1400	180 (82)	210 (95)	240 (109)	270 (123)	300 (136)	330 (150)	360 (164)
1600	160 (73)	187 (85)	213 (97)	240 (109)	267 (121)	293 (133)	320 (145)
1800	140 (64)	163 (74)	187 (85)	210 (95)	233 (106)	257 (117)	280 (127)
2000	120 (55)	140 (64)	160 (73)	180 (82)	200 (91)	220 (100)	240 (109)
2200	100 (45)	117 (53)	133 (61)	150 (68)	167 (76)	183 (83)	200 (91)
2400	80 (36)	93 (42)	107 (48)	120 (55)	133 (61)	147 (67)	160 (73)
2600	60 (27)	70 (32)	80 (36)	90 (41)	100 (45)	110 (50)	120 (55)
2800	40 (18)	47 (21)	53 (24)	60 (27)	67 (30)	73 (33)	80 (36)
3000	20 (9)	23 (11)	27 (12)	30 (14)	33 (15)	37 (17)	40 (18)
3200	Ideal	Ideal	Ideal	Ideal	Ideal	Ideal	Ideal
above 3400	Dilute	Dilute	Dilute	Dilute	Dilute	Dilute	Dilute

Table 2

POUNDS and (Kg) OF STABILIZER (CYANURIC ACID) NEEDED FOR 40 PPM

Current Stabilizer level (ppm)	Gallons and (Liters) of Pool Water								
	8,000 (30,000)	10,000 (37,500)	12,000 (45,000)	14,000 (52,500)	16,000 (60,000)	18,000 (67,500)	20,000 (75,000)	22,000 (82,500)	24,000 (90,000)
0 ppm	2.7 (1.2)	3.4 (1.5)	4.0 (1.8)	4.7 (2.2)	5.4 (2.5)	6.0 (2.7)	6.7 (3.0)	7.4 (3.4)	8.0 (3.6)
10 ppm	2.0 (.9)	2.5 (1.1)	3.0 (1.4)	3.5 (1.6)	4.0 (1.8)	4.5 (2.0)	5.0 (2.3)	5.5 (2.5)	6.0 (2.7)
20 ppm	1.3 (.6)	1.7 (.7)	2.0 (.9)	2.3 (1.1)	2.7 (1.3)	3.0 (1.3)	3.3 (1.5)	3.7 (1.6)	4.0 (1.8)
30 ppm	0.7 (.3)	0.8 (.4)	1.0 (.5)	1.2 (.6)	1.4 (.6)	1.5 (.7)	1.7 (.8)	1.8 (.9)	2.0 (1.0)
40 ppm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 3

POUNDS and (Kg) OF BAKING SODA (SODIUM BICARBONATE 100%) NEEDED TO INCREASE TOTAL ALKALINITY TO THE RECOMMENDED RANGE

Desired Increase (ppm)	Gallons and (Liters) of Pool Water						
	400 (1,500)	1,000 (3,750)	5,000 (19,000)	10,000 (38,000)	15,000 (57,000)	20,000 (75,000)	25,000 (95,000)
10 ppm	0.1 (0)	0.1 (0.1)	0.7 (0.3)	1.4 (0.6)	2.1 (1)	2.8 (1.3)	3.5 (1.6)
20 ppm	0.1 (0.1)	0.3 (0.1)	1.4 (0.6)	2.8 (1.3)	4.2 (1.9)	5.6 (2.5)	7 (3.2)
30 ppm	0.2 (0.1)	0.4 (0.2)	2.1 (1)	4.2 (1.9)	6.3 (2.9)	8.4 (3.8)	10.5 (4.8)
40 ppm	0.2 (0.1)	0.6 (0.3)	2.8 (1.3)	5.6 (2.5)	8.4 (3.8)	11.2 (5.1)	14 (6.4)
50 ppm	0.3 (0.1)	0.7 (0.3)	3.5 (1.6)	7.0 (3.2)	10.5 (4.8)	14.0 (6.4)	17.5 (7.9)
60 ppm	0.3 (0.2)	0.8 (0.4)	4.2 (1.9)	8.4 (3.8)	12.6 (5.7)	16.8 (7.6)	21 (9.5)
70 ppm	0.4 (0.2)	1 (0.4)	4.9 (2.2)	9.8 (4.4)	14.7 (6.7)	19.6 (8.9)	24.5 (11.1)
80 ppm	0.4 (0.2)	1.1 (0.5)	5.6 (2.5)	11.2 (5.1)	16.8 (7.6)	22.4 (10.2)	28 (12.7)
90 ppm	0.5 (0.2)	1.3 (0.6)	6.3 (2.9)	12.6 (5.7)	18.9 (8.6)	25.2 (11.4)	31.5 (14.3)
100 ppm	0.6 (0.3)	1.4 (0.6)	7.0 (3.2)	14 (6.4)	21 (9.5)	28 (12.7)	35 (15.9)

Table 4

OUNCES and (L) OF MURIATIC ACID NEEDED TO DECREASE TOTAL ALKALINITY TO THE RECOMMENDED RANGE

Desired Decrease (ppm)	Gallons and (Liters) of Pool Water						
	400 (1,500)	1,000 (3,750)	5,000 (19,000)	10,000 (38,000)	15,000 (57,000)	20,000 (75,000)	25,000 (95,000)
10 ppm	1 (0)	2.5 (0.08)	13 (0.41)	26 (0.81)	39 (1.2)	52 (1.6)	65 (2)
20 ppm	2 (0.06)	5 (0.16)	26 (0.81)	52 (1.6)	78 (2.4)	105 (3.3)	131 (4)
30 ppm	3.2 (0.1)	8 (0.24)	39 (1.2)	78 (2.4)	105 (3.3)	157 (4.9)	196 (6)
40 ppm	4.2 (0.13)	10.5 (0.33)	52 (1.6)	105 (3.3)	157 (4.9)	208 (6.5)	260 (8.1)
50 ppm	5.2 (0.16)	13 (0.41)	65 (2)	131 (4)	196 (6)	260 (8.1)	325 (10.1)
60 ppm	6.2 (0.2)	15.5 (0.49)	78 (2.4)	157 (4.9)	235 (7.3)	314 (9.8)	390 (12.2)
70 ppm	7.2 (0.23)	18 (0.57)	91 (2.8)	183 (5.7)	275 (8.5)	366 (11.4)	457 (14.2)
80 ppm	8.4 (0.26)	21 (0.65)	105 (3.3)	208 (6.5)	312 (9.8)	416 (13)	520 (16.2)
90 ppm	9.4 (0.3)	23.5 (0.73)	118 (3.6)	235 (7.3)	353 (11)	470 (14.6)	588 (17.9)
100 ppm	10.4 (0.32)	26 (0.81)	131 (4.7)	260 (8.1)	390 (12.2)	520 (16.2)	651 (20.9)

Table 5

POUNDS and (Kg) OF CALCIUM CHLORIDE (77%) NEEDED TO INCREASE CALCIUM HARDNESS TO THE RECOMMENDED RANGE

Desired Increase (ppm)	Gallons and (Liters) of Pool Water						
	400 (1,500)	1,000 (3,750)	5,000 (19,000)	10,000 (38,000)	15,000 (57,000)	20,000 (75,000)	25,000 (95,000)
10 ppm	0 (0)	0.1 (0.1)	0.6 (0.3)	1.2 (0.5)	1.8 (0.8)	2.4 (1.1)	3 (1.4)
20 ppm	0.1 (0)	0.2 (0.1)	1.2 (0.5)	2.4 (1.1)	3.6 (1.6)	4.8 (2.2)	6 (2.7)
30 ppm	0.1 (0.1)	0.4 (0.2)	1.8 (0.8)	3.6 (1.6)	5.4 (2.5)	7.2 (3.3)	9 (4.1)
40 ppm	0.2 (0.1)	0.5 (0.2)	2.4 (1.1)	4.8 (2.2)	7.2 (3.3)	9.6 (4.4)	12 (5.5)
50 ppm	0.2 (0.1)	0.6 (0.3)	3.0 (1.4)	6.0 (2.7)	9 (4.1)	12.0 (5.5)	15 (6.8)
60 ppm	0.3 (0.1)	0.7 (0.3)	3.6 (1.6)	7.2 (3.3)	10.8 (4.9)	14.4 (6.5)	18 (8.2)
70 ppm	0.3 (0.2)	0.8 (0.4)	4.2 (1.9)	8.4 (3.8)	12.6 (5.7)	16.8 (7.6)	21 (9.5)
80 ppm	0.4 (0.2)	1 (0.4)	4.8 (2.2)	9.6 (4.4)	14.4 (6.5)	19.2 (8.7)	24 (10.9)
90 ppm	0.4 (0.2)	1.1 (0.5)	5.4 (2.4)	10.8 (4.9)	16.2 (7.3)	21.6 (9.8)	27 (12.2)
100 ppm	0.4 (0.2)	1.2 (0.5)	6.0 (2.7)	12 (5.4)	18 (9.5)	24 (10.9)	30 (13.6)

Table 6

OUNCES AND (GRAMS) OF SODA ASH (SODIUM CARBONATE) NEEDED TO RAISE pH TO THE RECOMMENDED RANGE

CURRENT pH	Gallons and (Liters) of Pool Water						
	400 (1,500)	1,000 (3,750)	5,000 (19,000)	10,000 (38,000)	15,000 (57,000)	20,000 (75,000)	25,000 (95,000)
7.0 - 7.2	0.25 (8.5)	0.75 (21.3)	4 (113)	8 (227)	12 (340)	16 (454)	20 (568)
6.7 - 7.0	0.5 (14)	1.25 (35.4)	6 (170)	12 (340)	16 (454)	24 (681)	32 (908)
under 6.7	0.6 (17)	1.5 (42.5)	8 (227)	16 (454)	24 (681)	32 (908)	40 (1100)

Table 7

OUNCES AND (GRAMS) OF MURIATIC ACID NEEDED TO LOWER pH TO THE RECOMMENDED RANGE

CURRENT pH	Gallons and (Liters) of Pool Water						
	400 (1,500)	1,000 (3,750)	5,000 (19,000)	10,000 (38,000)	15,000 (57,000)	20,000 (75,000)	25,000 (95,000)
7.8 - 8.0	0.6 (17)	1.5 (43)	8 (225)	16 (454)	24 (680)	32 (900)	40 (1125)
8.0 - 8.4	1.0 (28)	2.5 (70)	12 (340)	24 (680)	36 (1020)	48 (1360)	60 (1700)
over 8.4	1.2 (35)	3 (86)	16 (454)	32 (900)	48 (1350)	64 (1800)	80 (2250)

INSTALLATION QUICK START

BEFORE YOU BEGIN

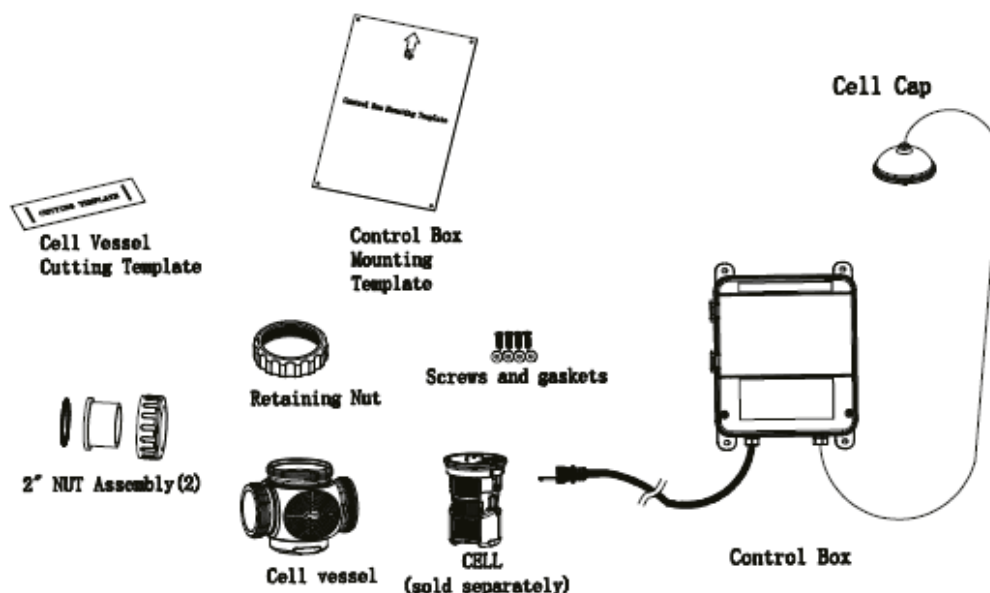
PRE-INSTALLATION CHECKLIST

Spread out parts on ground STEP 1: Mount Control Box Overview

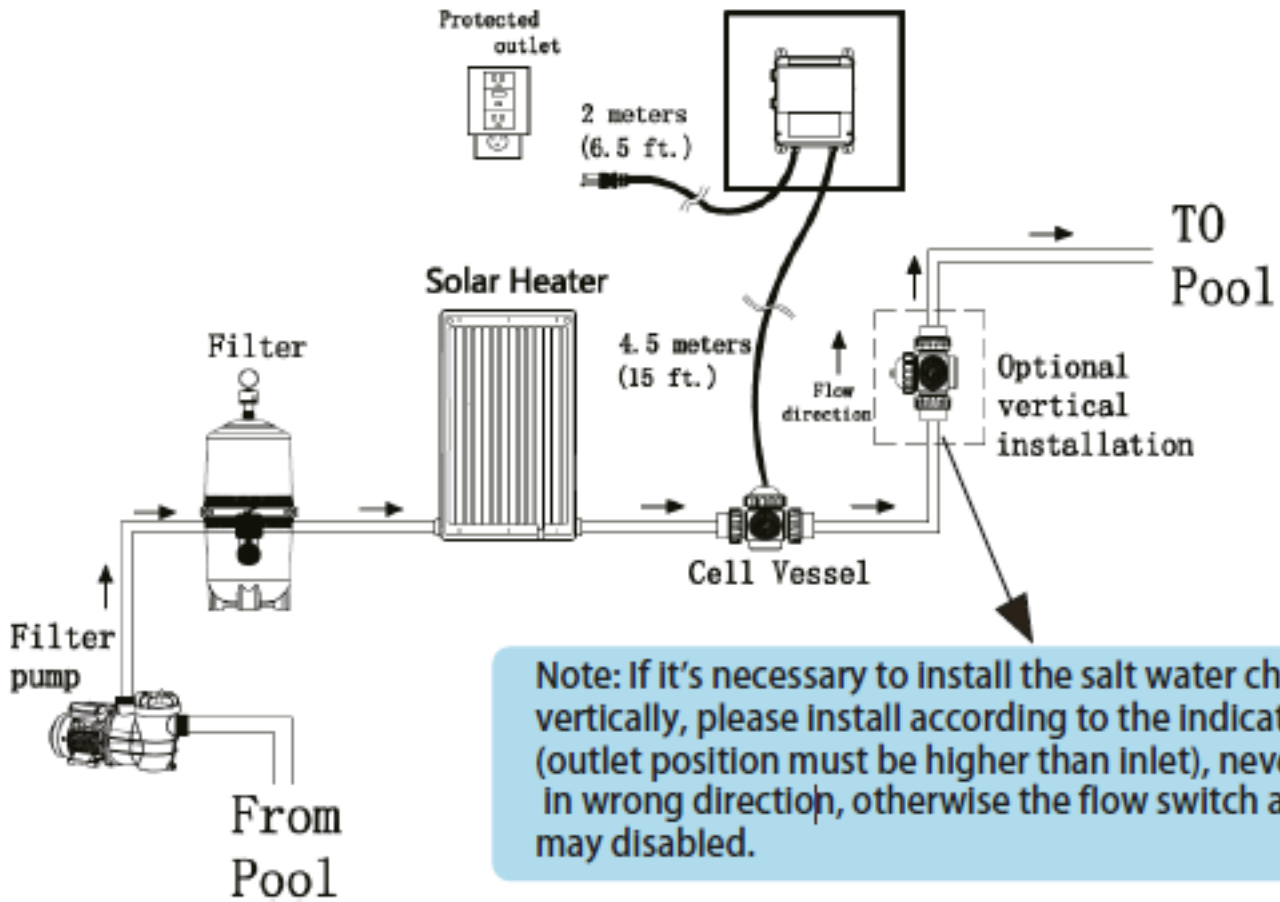
1. For 70185, make sure the pool is not bigger than 25000 gallon; for 70186, the pool is no bigger than 38000 gallon.
2. You have acquired an CELL salt cell(sold separately)
3. There is at least 10 inches of straight pipe in the return piping after all installed equipment and the pipe is at least 2 inches off of the ground) to install the Cell Vessel
4. The control Box will be mounted within 6.5 feet of a GFCI outlet
5. The control Box will be mounted within 15 feet of the installed Cell Vessel
6. The control Box will be installed at least 10 feet away from the pool
7. Pool plumbing is 1.5 or 2"
8. You have a saw suitable for cutting PVC
9. You have tools for mounting the Control Box (drill, drill bits, screwdriver)
10. You have a permanent marker to mark the PVC pipe
11. You have balanced your pool chemistry and have 3200ppm salt in you pool (see Chemistry Quick Start Guide)

INSTALLATION PREPARATION

1. Read this entire Quick Start Guide
2. Remove power to filter pump
3. Drain water from pool piping
4. Verify that all parts are included in the box
5. You are wearing safety glasses and have read the safety precautions in the owner's manual



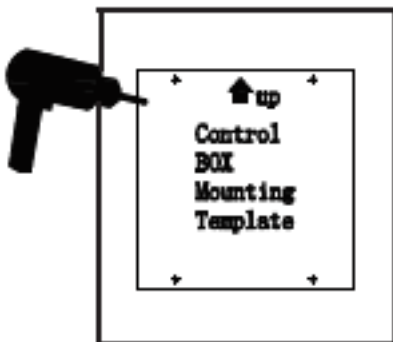
INSTALLATION QUICK START



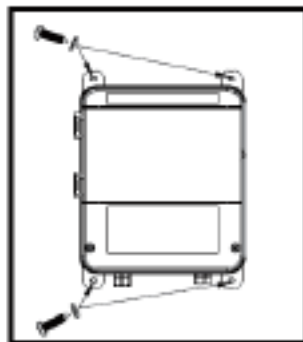
STEP 1: MOUNT CONTROL BOX

Mount the Control Box to a wall or post within 6.5 feet of a GFCI outlet, making sure that the cord will reach. The Control Box will also have to be mounted within 15 feet of the Cell Vessel as shown in the Overview.

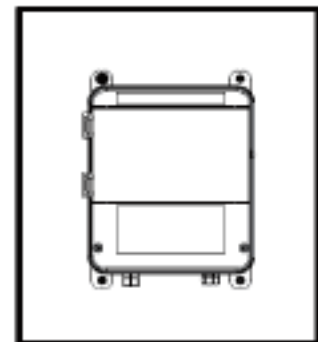
Use the include Mounting Template to help locate the mounting holes and fasten the Control Box to the intended surface.



Secure Mounting template to desired mounting location and drill mounting holes



Fix the controller box on the wall, put the gaskets on the screws, and fasten the screws into the holes.



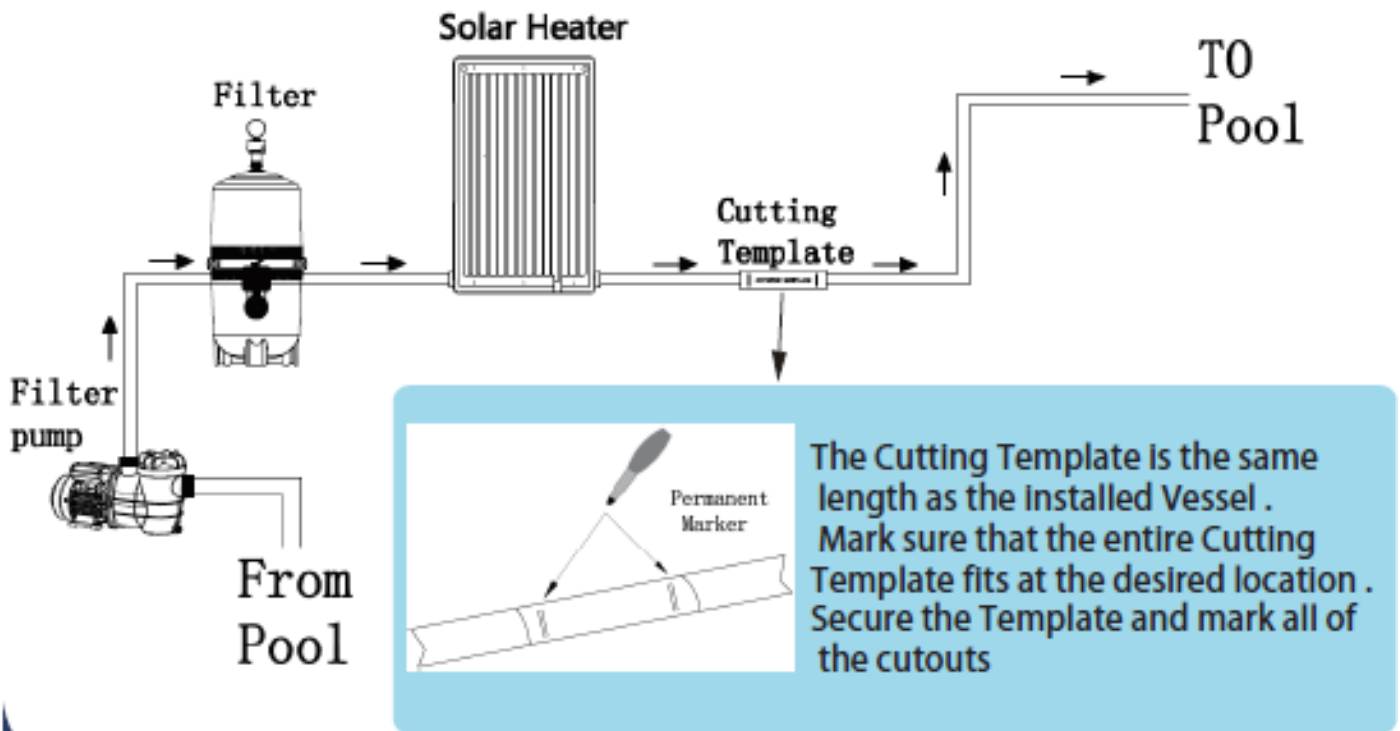
Screw in bottom fasteners securely

INSTALLATION QUICK START

STEP 2 : DETERMINE WHERE CELL VESSEL WILL BE INSTALLED

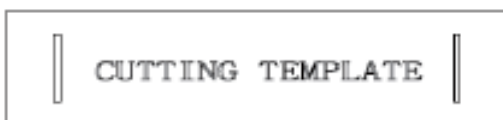
The Cell Vessel must be the very last component installed in the pool' before the water returns back to the pool. It can be installed vertically or horizontally and requires approximately 10 inches of straight pipe at the installation location.

Use the included Cutting Template to aid in marking and cutting the pipe. The entire Cutting Template must fit on the pipe otherwise the Cell Vessel will not fit. Secure the Template and use a permanent marker to mark all 2 cutouts.



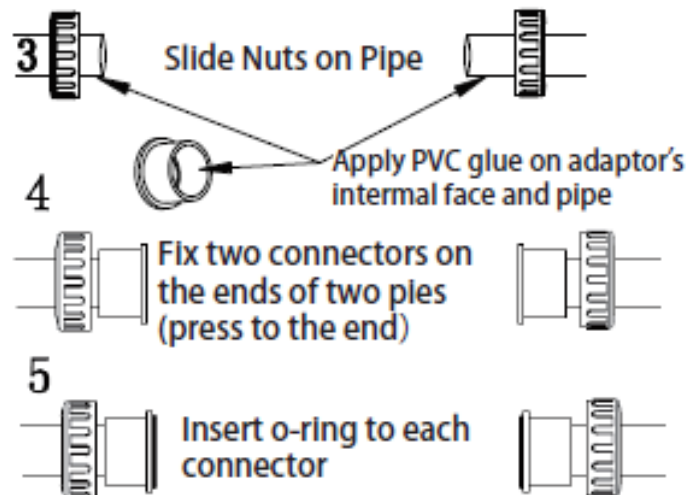
STEP 3: INSTALL NUT ASSEMBLY

Follow the procedure below to install the Nut Assembly.



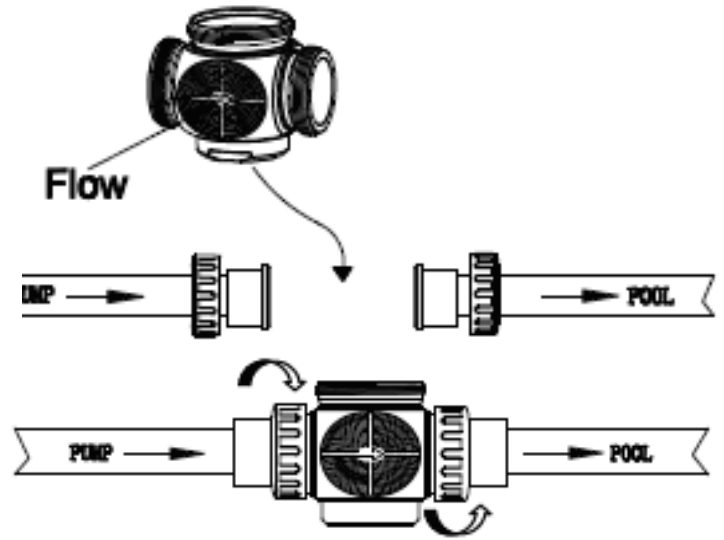
1 Mark Pipe

2 Cut Pipe and Clean shavings



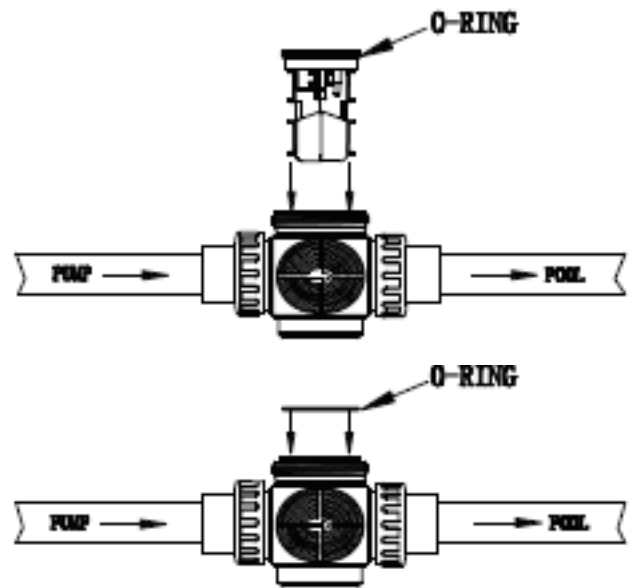
STEP 4: INSTALL CELL VESSELS

insert cell vessel and hand tighten nuts (Make sure return piping the water direction is consistent with the arrow).



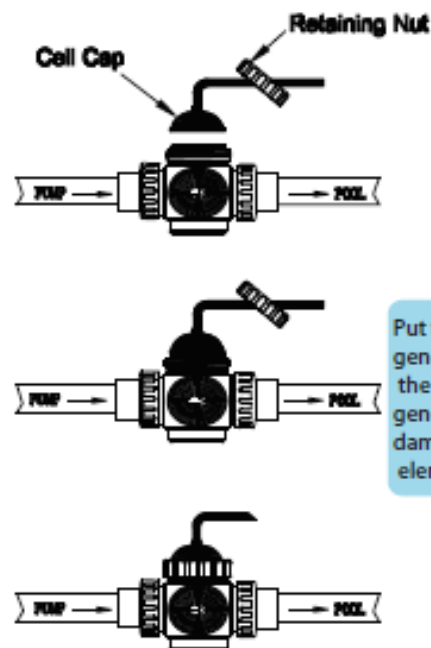
STEP 5: INSERT CELL

Put o-ring on cell, and insert cell into cell vessel (Please pay attention to the direction when install), put another o-ring on the sealing slot.



STEP 6: ATTACH CAP

Plug in Cell Cap and secure with Retaining Nut.



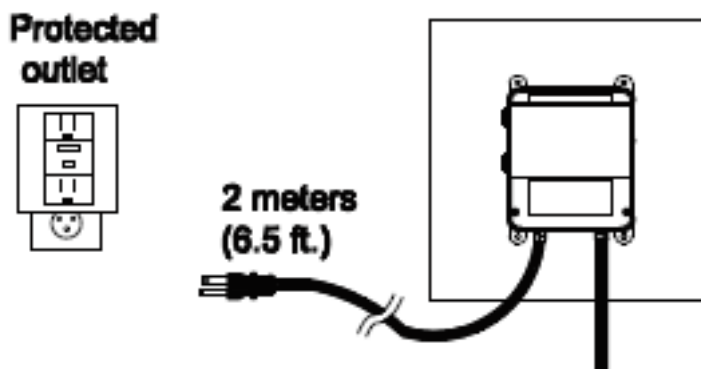
Put the cell cap on the generator (please make sure the cell cap fits the generator's locating slot well, damage may caused to the elements if installed forcefully).

Run the pump for 5 minutes or until all air is out of the system. Check for leaks and then turn the pump off.

INSTALLATION QUICK START

STEP 7: PLUG IN LINE CORD

With the pump off and water chemistry adjusted (see Water Chemistry Quick Start Guide), plug linecord into a ground fault circuit interrupter (GFCI) safety outlet or an outlet protected by a ground fault circuit breaker (GFCB). If local codes require bonding, see manual.



STEP 8: CHECK FLOW SWITCH

IMPORTANT

1. Make sure the water chemistry is adjusted, power on the salt chlorinator. "**GENERATING**" indicator light starts to twinkle, which means the chlorinator is powered on and standby.
2. Turn the filter pump **ON**. Make sure that full flow is achieved (no air in the system) and run the pump for at least 15 seconds.
3. Press "+" button to start chlorine generating mode. This moment, "**NO FLOW**" indicator light is off.
4. Turn the filter pump **OFF** for 15 seconds.
5. "**NO FLOW**" indicator light is on and "**GENERATING**" indicator light is off.

TROUBLESHOOTING

ERROR CODES	PAUSIBLE CAUSES	TROUBLESHOOTING
Error 1 Load short circuit	A conductive metal is embedded in the titanium plates	Cut off the power supply, remove the chlorine generator and rinse the titanium plate
	There is a short circuit of water inlet at the connection of titanium plates	Check whether the wiring position of titanium plate is flooded or burnt out. If not drain out of water, re-install and start the equipment
Error 2 Load Break	Very low salinity, no current or very little current	Add a small amount of salt water to the cells and restart the chlorine generator
	The wire connecting the titanium plate fall off	Cut off the power supply, remove the chlorine generator, and check whether the titanium plate wiring is off
	The titanium plate is old	Change electrolytic cell
Error 3	Salinity is higher than the maximum limit specified	Change part of the pool water to reduce salinity
Error 4	Salinity is lower than the maximum lim it specified	<ul style="list-style-type: none"> - Expel air from the cells, ensuring that the water surface exceeds 2/3 of the cells - Add salt to the pool
Error 5 Water temp light on	The water temperature detected is exceeded 11°C~45°C (51~113F) , will re-work again when the water temperature is between 13°C~43°C (55~109F)	<ul style="list-style-type: none"> - Ensure the water temperature is recovered and restart the chlorine generator - Check whether the flow switch circuit is broken
No Flow	Insufficient water flow, the cavity is filled with air, and the flow switch is not turned on	<ul style="list-style-type: none"> - Ensure the filter pump is operating and that there are no obstructions or restrictions in the piping - Increase the flow of filter pump - Expel air from the cells, ensuring that the water surface exceeds 2/3 of the cells
	The filter is in backwash status	Adjust filter operation status
	Disconnection of the flow switch circuit or other fault	Replace the flow switch
LED display does not light up	Display screen damaged	<ul style="list-style-type: none"> - Check that the power cord of the control box is plugged into a protected socket - make sure that the chlorine generator is working properly - Replace the chlorine generator controller box

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

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Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.



SAVE THESE INSTRUCTIONS.

Questions, issues or missing parts?

Before returning to your retailer, our customer service team is here to help.



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