

INSTALLATION & OPERATING MANUAL

A COMPLETE GUIDE TO YOUR Ni CHLORINATOR



insnrg

CONGRATULATIONS ON PURCHASING YOUR INSNRG CHLORINATOR

THIS MANUAL HAS BEEN CAREFULLY DEVELOPED TO GIVE YOU ALL THE INFORMATION YOU NEED TO GET THE BEST VALUE FROM YOUR PURCHASE.

It is important that you read through the manual to identify the key areas you need to understand, particularly the following:

- Health and Safety Concerns
- Installation requirements
- How to operate the major features of the unit
- The importance of maintenance
- If you have a problem, what to trouble shoot before you contact your professional
- Finally, your entitlements under your product warranty.

Insnrg have developed their product to provide you with the ultimate experience and are sure you will be delighted with your purchase.

Please note: This equipment must be installed in a location that allows for regular maintenance and service by the pool owner and service technicians. Insnrg will not put service technicians at risk of injury by servicing difficult to access appliances.

THE IMPORTANT BITS

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SECTION I

WE CARE ABOUT YOUR SAFETY



IMPORTANT WARNINGS

Insnrq highly recommend that this product be installed and serviced by professionals who are qualified in pool and spa product installation and service. Improper installation and/or operation can create an unwanted electrical hazard which can cause serious injury, property damage, or death. Improper installation and/or operation will void the warranty.

This manual contains important information about the installation, operation and safe use of this product. This information should be given to the owner/operator of this equipment.

WARNING

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

WARNING

This chlorinator is to be supplied by an isolating transformer or supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

WARNING

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

CAUTION

All components of the filtration system including Pumps, Filters, Heaters must be positioned so as to prevent being used as a means of access to the pool by young children. To reduce risk of injury, do not permit children to use or climb on this product. Closely supervise children at all times.

WARNING - HAZARDOUS PRESSURE

Pool and Spa water circulation systems operate under hazardous pressure during start up, normal operation, and after pump shut off. Stand clear of circulation system equipment during pump start-up. Failure to follow safety and operation instructions could result in violent separation of the pump housing and cover, and/or filter housing and clamp due to pressure in the system, which could cause property damage, severe personal injury, or death. Before servicing pool and spa water circulation systems, all system and pump controls must be in the off position and filter manual relief valve must be in open position. Before starting system pump, all system valves must be set in a position that allows system water to return back to the pool. Do not change filter control valve position whilst system pump is operating. Before starting system pump, fully open filter manual air relief valve. Do not close filter manual air relief valve until a steady stream of water (not air) is discharged.



WARNING - RISK OF ELECTRIC SHOCK

All electrical wiring **MUST** be in conformance with applicable local codes, regulations, and the National Electric Code (NEC). Hazardous voltage can shock, burn, and cause death or serious property damage. To reduce the risk of electric shock, do **NOT** use an extension cord to connect unit to electric supply. Provide a properly located electrical receptacle. Before working on any electrical equipment, turn off power supply to the equipment.



WARNING

To reduce the risk of electric shock replace damaged wiring immediately. Locate conduit to prevent abuse from lawn mowers, hedge trimmers and other equipment.

ELECTRICAL CODES

All electrical work must be performed by a licensed electrician and conform to all national, state, and local codes. Applicable national codes, include but not limited to the following: AS3000 Wiring Rules and/or any other local and national installation codes.

GENERAL SAFETY GUIDELINES

The Insnrg Chlorinator has been designed specifically for domestic (residential) swimming pool use. Using the product for any other purpose could affect performance, void warranty, and may result in property damage, serious injury, or death. Consult your local pool professional if you have any doubts.

The following general guidelines should be followed upon installation:

- The Insnrg Chlorinator has an inbuilt water flow sensor that will stop operation when lack of water flow. However, care should always be taken to not operate the Insnrg Chlorinator without any water flowing through the cell, this may cause a build-up of flammable gases, potentially resulting in fire or explosion.
- Always install equipment out of reach of children.
- A damaged power supply cable and/or chlorinator cell cable should only be replaced by the qualified service agent, electrician or manufacturer.
- When installing and using this electrical equipment, always follow basic safety precautions.

When preparing to install the Insnrg Chlorinator, disconnect all power to your installation area.

- Ensure you connect to a circuit that is protected by a ground fault circuit interrupter (GFCI).
- The Insnrg Chlorinator requires airflow to assist in cooling down the unit during operation, therefore, do not install within an outer enclosure or beneath the skirt of a hot tub or spa.
- To avoid damage due to water from rain, splash-off, the control box must be installed a minimum of 1.5 metres (5 feet) vertically from the ground.

Your Insnrg Chlorinator is intended for use with permanent swimming pools and may also be used with hot tubs and spas if so marked. Do not use with storable pools. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity.

To reduce the risk of electric shock, fire or injury, service should only be attempted by a qualified pool service professional.

EQUIPMENT UNDER PRESSURE

Always turn pump and other equipment off prior to installing or servicing the Insnrg Chlorinator control box and/or cell. Your filtration system operates under pressure and this pressure must be released before you begin work to avoid any serious injuries or equipment damage. Please refer to your Pump and/or Filter instruction manual for further instructions.

To reduce the risk of injury, do not remove the suction fittings of your spa or hot tub. Never operate a spa or hot tub if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the equipment assembly.

PREVENT CHILD DROWNING

Do not let anyone, especially small children, sit, step, lean or climb on any equipment installed as part of your pool's operational system. Locate the components of your operational system at least 3 metres (10 feet) from the pool so children cannot use the equipment to access the pool and be injured or drown.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

PROTECTION OF SURROUNDS

Your Insnrg Chlorinator maintains your water quality with little assistance required from the pool owner. However, it is important to consider the surrounding areas of your swimming pool and spa and carefully select materials that are compatible with the chemicals commonly used to make your pool and spa water clean, safe and healthy for your family to use. These include Salt, Minerals, Acids, Chlorine, Stabilizers and other additives. Before selecting materials to be used in and around your pool and spa, please discuss all options with your contractor or pool professional to assess the compatibility of such materials and chemicals.

Some areas you should consider include the following:

- Plants - choosing plants that can withstand water containing chlorine, salt and other chemicals.
- Metals – any objects containing metal components that are regularly used in the pool area should be of a high grade, quality stainless steel.

- Stones - the porosity and hardness of natural stones varies greatly. Consult with your builder or stone contractor on the best choice for stone materials around your pool or spa. They may also recommend a regular sealing schedule to prevent weathering, staining or premature degradation.
- Chemicals - use only chemicals recommended by your pool professional, others may be hazardous and cause serious damage. Always follow the chemical manufacturers instructions on the label when dispensing.

Insnrq does not warrant or guarantee that the chlorinated water generated by the Insnrq Chlorinator will not damage or destroy certain types of plants, decking, coping and other materials in and around your pool and spa.

SECTION 2

WE WANT YOU TO BE
DELIGHTED WITH YOUR
PURCHASE, CORRECT
INSTALLATION WILL PROLONG
LIFE AND MAXIMISE THE
PERFORMANCE OF THIS UNIT.

Insnrg highly recommend the use of qualified service technicians to ensure the best performance as well as the health and safety of your family.

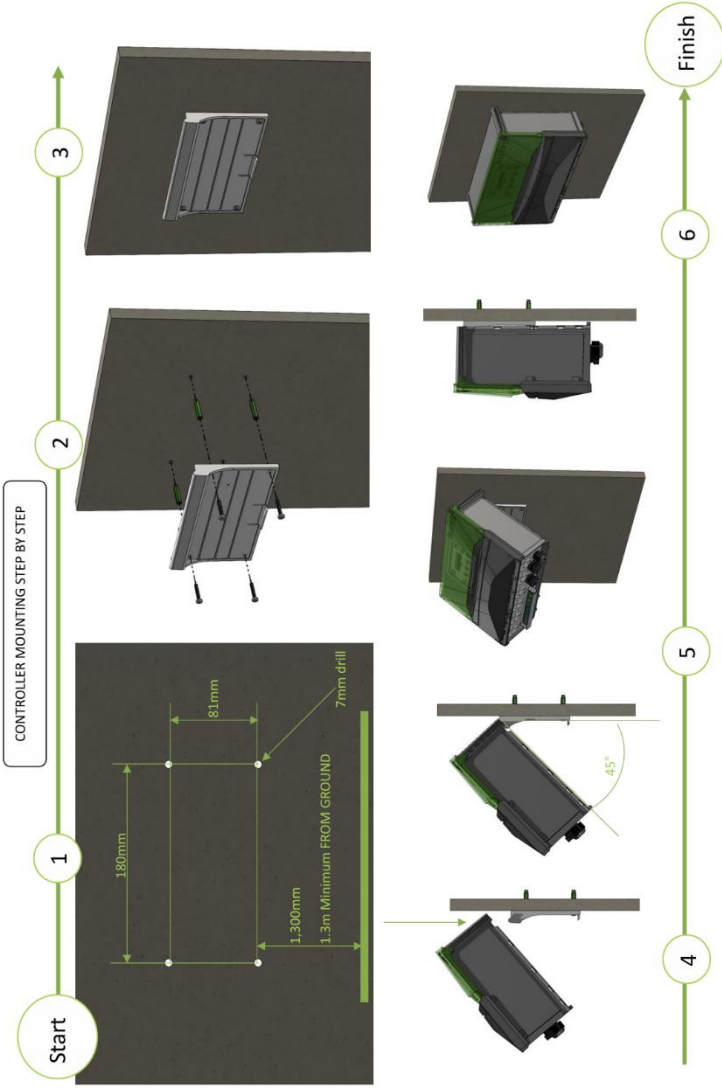
INSTALLING THE CONTROL BOX

The Insnrg Chlorinator has been designed to withstand the harshest conditions, however, to prolong the life and get the most value out of your chlorinator it is important to consider the following:

- Choose a location that is preferably out of direct sunlight
- It should be near the filter system
- The controller should be located 1.2 metres above ground level to prevent rain splash back or sprinkler system damage to the underside of the controller
- The controller must be mounted on a vertical surface/wall
- Mount the wall bracket using the screws provided on a secure wall.
- If mounted on a post, a flat sheet 20mm larger than the controller housing must be used

Insnrg Vi Installation Instructions

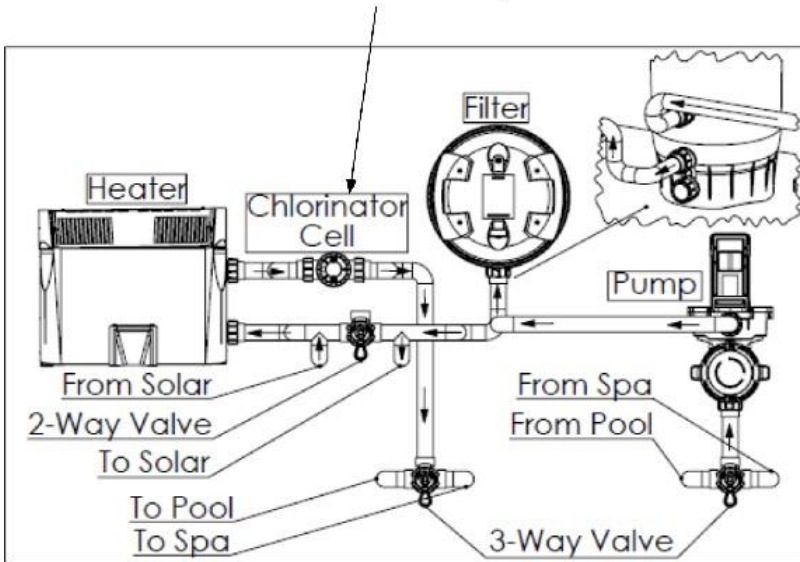




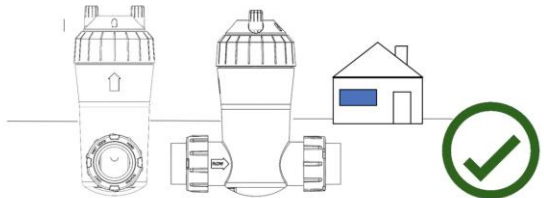
INSTALLING THE CHLORINATOR CELL

- Glue Chlorinator cell into line after filter, heater and solar (if installed).
- Cell must be installed vertically for operation. A tilt sensor is installed to stop operation of the cell if the installation is not correct.
- The cell must be installed with the barrel unions and the cell should be vertical. Make sure that the 'o'rings are correctly fitted and the unions are done up tightly. Flow direction through the cell is critical – refer to arrows on the clear cell housing.
- Hang Controller on wall bracket and plug power supply lead into 3 pin 10 amp outlet
- Plug filter pump 3 pin plug into underside of Controller.
- Connect cell cable into underside of controller.
- With the unique design and the water flow within the Chlorinator Cell, you are able to position the cell at any height however, ensure the filter pump is purging air from all equipment including filters and heaters.

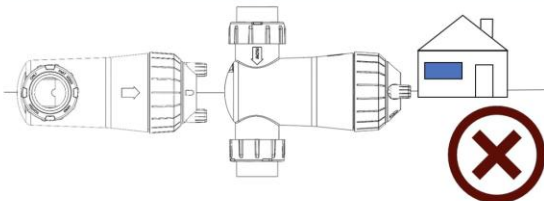
Must be installed after, pump, filter and heater on return line to pool



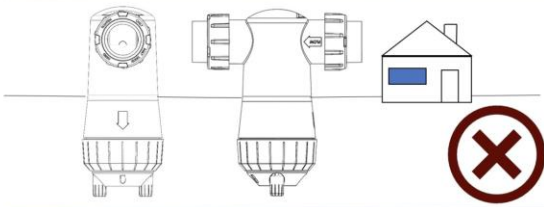
Install cell vertically



Do Not Install side on



Do not Install upside down



WATER CHEMISTRY

Your Insnrg Chlorinator is designed to operate every day to ensure that your pool is correctly sanitised. During Summer the sun removes chlorine from the water and we recommend increasing the running times compared to the cooler winter months. Timer periods on the Chlorinator are initially defaulted to operate for 10 hours 0800 till 1800. In most instances this will be sufficient. However, consider the below for the different seasons:

SUMMER

You should set your chlorinator to operate for 8 to 10 hours per day. Ideally, run it for 4-5 hours in the morning (say 8-1pm) and 4-5 hours in the evening (say 4-9pm). In extremely hot weather it may be necessary to extend the running time if you find that the free chlorine level is too low.

WINTER

You should set your chlorinator to operate for 6 to 8 hours per day. Again, running it in the morning and evening is preferable. A lower chlorine output level may also be selected.

CHECKING CHLORINE LEVEL

Ideally, check your chlorine level after the morning operating period. The free chlorine residual level should be somewhere between 1 and 3 parts per million. Increase or decrease the output of the chlorinator to get the right residual chlorine level. It may also be necessary to adjust the operating period if you are running at minimum or maximum output.

STABILISER

Sunlight rapidly dissipates the amount of free chlorine in your pool. Chlorine stabiliser greatly reduces this effect. Without stabiliser, you may need to run your chlorinator and filtration system up to 16 hours per day or longer. Keep the Stabiliser (Cyanuric Acid) reading between 30 ppm to 40 ppm.

PH LEVEL

You should keep your pH level between 7.2 and 7.4 for fibreglass pools and 7.6 to 7.8 for other pools.

TOTAL ALKALINITY

The ideal range for fiberglass pools is between 80 ppm and 120 ppm, and for concrete and vinyl liners pools between 120 ppm and 150 ppm.

CALCIUM HARDNESS

The ideal range is between 100 ppm and 200 ppm.

SALT LEVEL

Salt level should be maintained between 3,500 and 4,000 ppm but should never be allowed to fall below 3,000ppm. Although very little salt is consumed by the chlorinator, salt is lost during backwashing, and when your pool overflows due to rain or splashing. The correct salt level is important to cell life and the effective operation of your chlorinator.

A typical pool of around 50,000 litres requires 200kg of salt to initially set-up the pool to 4,000ppm.

Have your salt level tested once or twice a year by your pool shop and add salt as required. Additionally, check and adjust salt level after heavy rain storms or after draining pool. When adding salt, pour salt into the pool and brush in. While salt is dissolving run your chlorinator and filter pump. Never pour salt into skimmer box.



WARNING

Some people recommend that you put salt directly in the skimmer box. This is a very bad practice as it allows very high concentrations of salt to be passed through your filtration and other pool equipment.



WARNING

**WHEN MIXING ACID WITH WATER:
ALWAYS ADD ACID TO WATER. NEVER ADD
WATER TO ACID. WEAR PROTECTIVE
CLOTHING AND EYE PROTECTION.**

	10,000 GALLONS 37,800 LITRES		15,000 GALLONS 56,700 LITRES		20,000 GALLONS 75,600 LITRES	
	POUNDS	KG'S	POUNDS	KG'S	POUNDS	KG'S
Salt required to increase PPM by the below amount						
4,000	333	151	499	227	665	302
3,750	312	142	468	213	624	284
3,500	291	132	437	198	582	265
3,250	270	123	405	184	541	246
3,000	249	113	374	170	499	227
2,750	229	104	343	156	457	208
2,500	208	95	312	142	416	189
2,250	187	85	281	128	374	170
2,000	166	76	249	113	333	151
1,750	146	66	218	99	291	132
1,500	125	57	187	85	249	113
1,250	104	47	156	71	208	95
1,000	83	38	125	57	166	76
750	62	28	94	43	125	57
500	42	19	62	28	83	38
250	21	9	31	14	42	19
-	-	-	-	-	-	-

	25,000 GALLONS 94,500 LITRES		30,000 GALLONS 113,400 LITRES		35,000 GALLONS 132,300 LITRES	
	POUNDS	KG'S	POUNDS	KG'S	POUNDS	KG'S
Salt required to increase PPM by the below amount						
4,000	832	378	998	454	1,164	529
3,750	780	354	936	425	1,091	496
3,500	728	331	873	397	1,019	463
3,250	676	307	811	369	946	430
3,000	624	284	748	340	873	397
2,750	572	260	686	312	800	364
2,500	520	236	624	284	728	331
2,250	468	213	561	255	655	298
2,000	416	189	499	227	582	265
1,750	364	165	437	198	509	232
1,500	312	142	374	170	437	198
1,250	260	118	312	142	364	165
1,000	208	95	249	113	291	132
750	156	71	187	85	218	99
500	104	47	125	57	146	66
250	52	24	62	28	73	33
-	-	-	-	-	-	-

SECTION 3

HAVE FUN AND GET THE MOST OUT OF YOUR PURCHASE

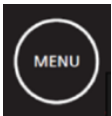
Your Insnrg Chlorinator is the brains of your swimming pool. This section will outline the features of the chlorinator and instruct on how to set-up for the best results, all year round.



DISPLAY OVERVIEW



BUTTON ALLOCATION



1. MENU button

This button is pressed to select the appropriate mode you wish to change / view. Scroll through various modes by pressing up or down button. Press the enter button to view / change the desired mode.



2. CONFIRM Button

This button is pressed to enter the menu / mode and allows you to change and save information



3. UP button

4. DOWN Button

Press the UP and DOWN buttons to adjust values until correct



5. BACK Button

The Back button is pressed to return to previous screens within menus



6. Clean Dose button

This button controls a timer function to assist when backwashing a Sand/Media filter. (See Backwashing Operation explained later).



7. SPA ON OFF Button

This button controls the output of the chlorinator if you have Pool and Spa combination. Press this button to reduce chlorinator output to 20% while using a spa. When Spa is finished Press this button to return to pool chlorine output.



8. Auto>On>Off Button

This button cycles between Auto (Timer period), Manual ON (over rides timers) and Off (turns chlorinator and filter pump off)

- Adjust Hours (Manually On) – If you press enter without adjust the hours then the unit will come on and run with an output 0% (produce no chlorine) until power option is changed. This function is helpful when cleaning up a pool without any salt in the water. It will protect the cell plates until the correct amount of salt is added. Press IO again to cycle through Off then Auto.
- Adjust Hours (Manually On) – By pressing the up or down arrows you determine how long you want the chlorinator to run in manual mode. You can also change the output by pressing the up or down button. Once the time period has expired the unit will return to Auto (timer mode).
- Auto – Chlorinator will operate and turn the filter pump on in the timers periods that have been set. Chlorine output can be adjusted by pushing Up or Down button.
- Off – Chlorinator is off

MENU OVERVIEW

The Mode button is used to select the relevant area that you want to adjust on your Insnrg Chlorinator. The following areas are accessed by pressing the Mode button the appropriate number of times then press the ENTER button to access this menu.

MENU AVAILABLE:

- 1.Change Settings – Timers Periods on / off
- 2.Set Time
- 3.Activate Timer Periods
- 4.Service Menu
- 5.Install Menu

MENU 1 - CHANGE SETTINGS

Press the MENU button until Timers appears on the Display, then press the ENTER button. Screen displays “Timers On” with cursor flashing on the on. Press up or down to change between “on” and “off”, then press the ENTER button to save. Generally, the Timers are only turned off if the chlorinator is plugged into an external timer or control system.

MENU 2 - SET TIME

Press the MENU button until Set Time appears on the Display, then press the ENTER button. The Cursor will then flashes on hours, press up or down buttons to change hours then press ENTER button to move to minutes, press up or down to change and press ENTER button to save.

MENU 3 – ACTIVATE TIMER PERIODS

Press the MENU button until Activate Timer Periods appears on the Display, then press the ENTER button. Screen will display “Timer 1 Active” with cursor flashing on “Active”, press up or down buttons to cycle between “On” and “Off”. Press ENTER to select and move to next screen.

Select “ON” and press ENTER. Cursor will move to Timer 1 Start and flash on hours, press up or down button to change, then press ENTER button, cursor will move to minutes, press up or down button to change then press ENTER button, cursor will then move to Timer 1 OFF and flash under hours, press up or down button to change, then press ENTER button, cursor will move to minutes, press up or down button to change, then press ENTER.

This process can now be repeated for the four (4) available timer periods available in the MENU.

MENU 4 – SERVICE MENU

Press the MENU button until Service appears on the screen, then press the ENTER button to enter menu. A combination of buttons to enter the service menu (secret buttons) which will be supplied to your local Pool Professional or Insrg Service Technician.

Enter the code 2, 2, 2, 2 and you will enter the Service Menu. The Screen will display:

- POLARITY – Press up or down button to change polarity. Press enter to save.
- TOTAL HOURS – Tells number of hours cell has been working.
- TOTAL REVERSALS – Tells number of times cell has been replaced.
- CELL REPLACED (Reset Hours)- Yes/No, press up or down button to change, then press ENTER button to save.
- TEMPERATURE – Tells ambient temperature.
- VERSION – Displays firmware version number
- FIRMWARE UPDATE – Allows you to carry out firmware update.

MENU 5 – INSTALL MENU

Press the MENU button until INSTALL MENU appears on the screen, then press the ENTER button to enter menu.

Screen will display:

- CALCIUM LEVEL – SEE CALCIUM LEVEL SET UP EARLIER

BACK WASHING OPERATION

If you have a Sand or Media Filter Installed you will need to periodically clean your filter as per the instructions provided in the relevant manual. Your Insnrg Chlorinator has a Backwash Menu that will assist you to ensure you get the right amount of time to clean your filter and to eliminate the risk of leaving your pump running too long and wasting your expensive pool water. Also, as an additional safety feature, when the chlorinator is in Backwash mode, then chlorinator cell stops producing eliminating any risk of excess Chlorine Gas build up in the cell.

Follow your instructions to clean your filter. When you have selected Backwash on your Multiport Control Valve, then select the BACKWASH button as below:

- Ensure Chlorinator is OFF.
- Ensure Filter Multiport Valve is in Backwash position(see filter instruction manual)
- Press BACKWASH button once and determine how long you want to backwash for by pressing up or down buttons to determine number of minutes to backwash.
- Press Enter button and chlorinator turns pump on but no power to cell. Time clock will start to count down and turn the pump off when timer reaches zero when the pump will turn off.
- Use this function for both the Backwash and Rinse settings to get the best benefit.
- At completion of backwash and rinse process press the back arrow to return to the home screen. Then press the IO button to select Auto (timer) mode.

CHLORINE OUTPUT LEVEL

The amount of Chlorine in your swimming pool affects you and your family's enjoyment of swimming. Every pool needs enough chlorine to prevent the growth of bacteria and algae in the pool making the pool water unsightly and unhealthy to swim in. Chlorine levels should be maintained between 1.5 and 3 ppm depending on your location, bather load and other environmental factors. Your pool professional will be able to guide you in the best level for your pool depending on external conditions and bather loads.

Your Insnrg Chlorinator can be simply adjusted by selecting the chlorine level and adjusting up or down in 20% increments. If chlorine is high we recommend turning the output down gradually over several days and repeating a manual chlorine test to reach the ideal chlorine level. This is done by simply pushing the Up or Down button and you will see the output put change.

We recommend the following output settings:

Summer:	100% output and operating 8 to 12 hours per day
Shoulder seasons:	80 to 100% output operating 8 hours per day
Winter:	60 to 80% output operating 5 to 6 hours per day

Continual monitoring will ensure the best quality swimming water all year round.

SECTION 4

OOPS, SOMETHING'S NOT RIGHT?

Maintenance, Trouble Shooting,
Replacement Parts, Warranty &
Contact Section

MAINTENANCE PLAN

Your new Insnrg Chlorinator is one of the hardest working items in your household. It is designed to withstand harsh outdoor conditions and withstand high velocity water with chemicals. Some of these parts will wear in the normal course of use and require regular checks and maintenance. A well thought out pro-active maintenance schedule with identify faults early and extend the lifespan of your chlorinator.

To protect against extremes of temperature, your unit is designed to allow expensive electronics to cool. Ants and some insects are often attracted to the warmer, dry environment inside the enclosure. We recommend that, with power turned off, you spray a surface insecticide on the surfaces surrounding the control to prevent ant and insect ingress. Repeat every three months or as necessary.

WHEN?	WHAT ARE YOU LOOKING FOR?	HOW CAN YOU FIX?
Weekly	Ensure Pool Water is at right level in pool	Top up Pool
Weekly	Good Water Flow	Empty Skimmer Basket, pump basket and clean or back wash filter if required, particularly if pool is new and landscaping
Weekly	Check Water Balance, pH, Total Alkalinity and Chlorine levels	Add Acid if required, TA Increaser and adjust chlorinator output.
Monthly	Professional Water Test, check filter gauge and cleanliness	Adjust Water Chemistry as Advised, back wash or clean filter, empty all leaf baskets, vacuum and brush pool. Superchlorinate pool in summer or high use seasons.
Quarterly	Full Water Test	Add Salt and CYA if required. Add balancing chemicals. Adjust Chlorinator output to seasonal requirements.

WINTER OPERATION

Operating the Chlorinator when the pool water is below 15 degrees C can damage your chlorinator cell and cause premature wear. In addition, high chlorine levels can occur which may damage your pool surface and other pool equipment.

Once the water drops below 18 degrees monitor the chlorine levels carefully and adjust the chlorine output using the up and down button.

During winter, it is advisable to turn the output down to 40% if the water temperature drops below 18 degrees and down to 20% output if the water drops below 15 degrees.

Maintain your water balances over winter. Even though the pool is not being used it is more economical to have your water tested in winter and adjust water balances as required rather than purchase and add significantly more chemicals at the start of the swimming season. Recovering an out of balance pool is never easy or economical.

TROUBLESHOOTING

The chart below identifies some of the main issues you may encounter with your chlorinator. This should assist with the majority of problems. Insnrg highly recommends regular checks and maintenance of your swimming pool equipment by a qualified pool professional. This will extend the life of your equipment and give you the best performance.

WHAT IS THE PROBLEM?	WHAT YOU CAN DO ABOUT IT?
Dry Cell Detect	<ul style="list-style-type: none">• Check all valves on system are in the correct position.• Check any blockages in skimmer basket and pump basket.• Clean filter and prime pump• Check suction cleaner is free from any blockages.
Low Salt	<ul style="list-style-type: none">• Have water professional tested, raise salt to 3,500 to 4,000 ppm
Blank Display	<ul style="list-style-type: none">• Check all power connections. Cycle power to chlorinator.. If problem continues contact your pool professional.
Low / No Chlorine Production	<ul style="list-style-type: none">• Check cell cable connection• Adjust timer period according to swimming season and bather load.• Increase chlorine output level.• Check water chemistry including pH level and stabiliser level. Adjust as per recommendations from pool professional.

WARRANTY

Insnrng products are designed and manufactured to the highest possible standards of performance.

Australian Consumer Law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Period and Conditions

Insnrng Techne Pty. Ltd. (hereinafter “the Company”) is pleased to warrant to the original retail purchaser that this product shall be free of manufacturing and material defects for a period of three (3) years from the original invoice date subject to the following conditions:

1. The product is purchased new from an authorised Insnrng dealership in Australia, operated and maintained in accordance with these instructions.
2. This warranty is not assignable and applies to the original retail purchaser only and the original receipt, invoice or any other proof of purchase must be retained and produced if requested by the Company.
3. Nothing in this warranty shall apply to any defects caused by misuse or abuse, neglect, accident, extremes of climate, dampness, humidity, reasonable fair wear and tear and/or any causes other than defects in manufacturing and materials. Proper care and maintenance information is detailed in the Owner’s Manual for this product which you must follow.
4. Where a defect is physically visible or otherwise affects the exterior surfaces of the product, you must notify the Company of such defect within fourteen (14) days.
5. If the product is bought as a demonstration, refurbished, ex-rental, discontinued or otherwise previously unboxed unit, the warranty applicable shall be limited to twelve (12) months only.

6. If a part is supplied or replaced under the warranty period, the original warranty period remains in place or the replaced part is covered by a further 12 month warranty period if the whole product warranty expires.

Warranty Claim Procedure

To exercise your rights under this warranty, you must:

Within fourteen (14) days of you becoming aware of any defect, report the following details to the dealership from which the product was purchased:

- Your name, address and contact information including email address.
- Model, and serial number of the product; and
- A detailed description of the defect.

On receipt of the above information, the Company will allocate to your dealership an Insnrg Authorisation Number (IAN).

Depending on the model type, how it is installed, and the defect reported, your nominated dealership will advise on how the warranty service will be performed. This could include, but not limited to, return of product to the dealership, return of product to the company, or a visit by qualified service technician to your poolside.

If advised to return the product, place the defective product in secure packaging, clearly label it with the IAN number allocated and send it to the address of the authorised service agent which will be advised by your dealership.

The Company will not be liable for any transportation costs, or in the event that a poolside call is arranged with an authorised service technician, costs of technician's travel time if the defect is found not to be covered by the consumer guarantees.

In the case of returned product, the authorised service technician or dealership will contact the purchaser when the product has been repaired and is ready for collection.

The Company will repair or replace at its absolute discretion your product at no cost for parts or labour in accordance with the terms stated in this warranty provided that the reported defect is able to be located by the technical staff assigned to the product. If the technical staff is unable to locate the defect, you may be liable to pay for the cost of the technician's travel time and labour.

Commercial Installations

Commercial installations are defined as installations where the pool user pays for the use of the pool either directly or indirectly through hiring, renting of accommodation or membership of gym, health club or public pool and where the equipment is operating for more than 12 hours per day. In installations as above, the warranty period is limited to 1 year.

The benefits under this warranty are in addition to your rights and remedies available under the Australian Consumer Law.



We know that you will get many years of enjoyment from this product.

We pride ourselves on developing products that are specifically created for your backyard lifestyle. We are continuously developing new products and ideas to make pool ownership easier and fun.

Should you wish to keep updated with our progress and hear first hand our new products and developments, please feel free to stay in touch by using any or all of the below methods:

MAIL 57-59 Nantilla Road, Clayton, VIC, 3168

LANDLINE 1800 INSNRG (1800 467674)

WEBSITE www.insnrg.com

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POOL AND SPA APPLIANCES