

Check List and Trouble Shooting Guide for Maxi-Chlor Tropical Strength Chlorinators

Function	Deluxe Unit	Deluxe Unit - Auto Cleaning Operation (This is for pre RP series)
Salt Level	0.6%	Strictly NO Higher than 0.5% Pre 1998: No higher than 0.4%
Cleaning of the Cell	<ol style="list-style-type: none"> 1. Switch off chlorinator and pump. 2. Disconnect leads for cell. 3. Remove Cell from Housing. Rounded Housing - Remove cell from housing by turning anti-clockwise and sliding out. Square Housing - Remove cell from housing by turning (aqua colour) locking ring anti -clockwise and remove, then slide cell out. 4. Clean with a high pressure hose, if this does not remove the calcium coating, immerse in a solution of 1 part hydrochloric acid and 10 parts water for up to five minutes, remove and rinse cell in fresh water. 	<p>Suggested once a year</p> <p>To clean: refer to the left</p>
Operation Lights	<p>The ten green lights positioned in an arc indicate chlorinator is working. If all ten lights are on, that means the unit is working to full efficiency at 100%. If output indicator lights are below 100%, and a higher chlorine level is necessary add salt. If the chlorine level in the pool is too high adjust the chlorine output knob to, approx. 80% or until the correct level is achieved.</p> <p>It is normal in water-for salt level correct & only 6-8 lights on duet-coldwater</p>	<p>The ten green lights positioned in an arc indicate chlorinator is working. If all ten lights are on, that means the unit is working to full efficiency at 100%. If output indicator lights are below 100%, and a higher chlorine level is necessary add salt. If the chlorine level in the pool is too high adjust the chlorine output knob to, approx. 80% or until the correct level is achieved.</p>
Monitor Lights (Vertically Positioned from Top to Bottom)	<p>No 1 (Orange Light) - Salt higher than necessary, no action required, you can extinguish this light by adjusting the chlorine production down to a lower setting if required. (The excess salt will not in any way harm the unit)</p> <p>No 2 (Orange Light) Steady - Chlorinator is turned off unit is on standby.</p>	<p>No 1 (Orange Light) - Salt higher than necessary, no action required, you can extinguish this light by adjusting the chlorine production down to a lower setting if required. (The excess salt will not in any way harm the unit)</p> <p>No 2 (Orange Light) Steady - Chlorinator is turned off unit is on standby.</p>

Monitor Lights Cont.

No 2 (Orange Light) Flashing - Salt low and/or clean cell.

1. Firstly ensure that the cell is clean.
2. If cell is clean add salt.
3. If illuminated and flashing - The pool may need additional salt to allow the unit to operate at its best. Water to be tested and add salt at the prescribed rate.
4. If warning buzzer is also sounding the salt maybe below .15%, the unit will automatically turn off to avoid premature cell failure. To reset chlorinator, once the problem has been rectified, turn power off then back on.

No 3 (Red Light) Steady - Power is on

No 3 (Red Light) Flashing - No water flow chlorinator is on standby. There is no water in the cell housing your chlorinator has automatically turned off. The unit will automatically switch on again once the water flow resumes.

No 4 (Red Light) Steady - Overload, check cell for short circuit.

The above lights, where it be one light or a combination of lights, the question of what lights are on, needs to be asked. This may help solve the problem without too much fuss.

If a problem cannot be solved simply, please contact Jaymac Distributors on (07) 3804 3388 and discuss. Please have in hand the relevant information on the lights that are on and off.

No 2 (Orange Light) Flashing

1. Salt low.
2. If illuminated and flashing - The pool may need additional salt to allow the unit to operate at its best. Water to be tested and add salt at the prescribed rate.
3. If warning buzzer is also sounding the salt maybe below .15%, the unit will automatically turn off to avoid premature cell failure. To reset chlorinator, once the problem has been rectified, turn power off then back on.

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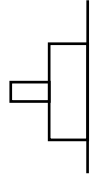
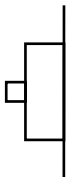
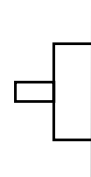
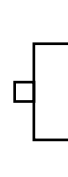
No 4 (Red Light) Steady - Overload, check cell for short circuit

No 4 (Red Light) Flashing - A flashing light indicates that the chlorinator is operating correctly in its reverse cycle mode. This will remain flashing whilst it is in this mode for the full duration of reverse operation. When it then extinguishes the unit will have reverted back to the normal cycle for the same period of time. This will continue to happen.

Please NOTE: You will notice that when the chlorinator is first switched on, either manually, time clock or when power is interrupted and then resorted, the chlorinator power supply will go through a series of self check cycles. These self check cycles will last up to a maximum of 2 minutes, and then the chlorinator will begin to produce chlorine.

Contrary to popular belief, the chlorinator continues production throughout its cleaning cycle (the reverse cycle).

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<p>Monitor Lights Cont.</p>		<p>If a problem cannot be solved simply, please contact Jaymac Distributors on (07) 3804 3388 and discuss. Please have in hand the relevant information on the lights that are on and off.</p>
<p>No Lights</p>	<p>All units are fitted with circuit breakers for internal protection - push to reset. The circuit breaker is located at the rear of the power pack to the right hand side, and can be easily reset without moving power pack off the bracket.</p> <div style="text-align: center;">  Tripped  Reset </div> <p>If the circuit breaker will not reset please contact Jaymac Distributors</p>	<p>All units are fitted with circuit breakers for internal protection - push to reset. The circuit breaker is located at the rear of the power pack to the right hand side, and can be easily reset without moving power pack off the bracket.</p> <div style="text-align: center;">  Tripped  Reset </div> <p>If the circuit breaker will not reset please contact Jaymac Distributors</p>
<p>Seasonal changes in Monitor Lights</p>	<p>Throughout the year, water temperatures will vary. Winter 6-8 green lights are normally acceptable. But Through Summer please ensure maximum output can be achieved (i.e. All 10 lights can come on). Then leave or adjust if too much chlorine is produced.</p>	<p>Throughout the year, water temperatures will vary. Winter 6-8 green lights are normally acceptable. But Through Summer please ensure maximum output can be achieved (i.e. All 10 lights can come on). Then leave or adjust if too much chlorine is produced.</p>
<p>Do's & Don'ts</p>	<ol style="list-style-type: none"> 1. Never run cell without good water flow through it. 2. Switch off control unit for operations when water does not return through cell, e.g. backwashing or vacuuming to waste. 3. Super-chlorinate once a fortnight during swimming season by either extending running time of the chlorinator or dosing manually. 4. Do not use calcium hypochlorite. Use of this causes a more rapid build up on cell. 5. Maintain correct water balance. Especially Stabilizer (Sunscreen-Cyanuric Acid) 6. Maintain recommended pH level. High pH can cause build up on cell plates and reduce effectiveness of the chlorine. Only use sufficient acid to maintain pH levels. 	<ol style="list-style-type: none"> 1. Never run cell without good water flow through it. 2. Switch off control unit for operations when water does not return through cell, e.g. backwashing or vacuuming to waste. 3. Super-chlorinate once a fortnight during swimming season by either extending running time of the chlorinator or dosing manually. 4. Do not use calcium hypochlorite. Use of this causes a more rapid build up on cell. 5. Maintain correct water balance. Especially Stabilizer (Sunscreen-Cyanuric Acid) 6. Maintain recommended pH level. High pH can cause build up on cell plates and reduce effectiveness of the chlorine. Only use sufficient acid to maintain pH levels.

<p>Do's & Don'ts Cont.</p>	<p>7. Maintain pool stabilizer level. Lack of stabilizer will cause excessive chlorine losses and possible inability of chlorinator or maintain chlorine level.</p> <p>8. Good water circulation in pool is necessary for efficient distribution of chlorine.</p> <p>9. If you are unable to operate filter or chlorinator, maintain chlorine level by dosing as described in conditioning of pool.</p> <p>10. Vacuum pool regularly. (If no automatic cleaner).</p> <p>11. Maintain Filter. Poor filtration will cause increase build up on plates.</p>	<p>7. Maintain pool stabilizer level. Lack of stabilizer will cause excessive chlorine losses and possible inability of chlorinator or maintain chlorine level.</p> <p>8. Good water circulation in pool is necessary for efficient distribution of chlorine.</p> <p>9. If you are unable to operate filter or chlorinator, maintain chlorine level by dosing as described in conditioning of pool.</p> <p>10. Vacuum pool regularly. (If no automatic cleaner).</p> <p>11. Maintain Filter. Poor filtration will cause increase build up on plates.</p>
<p>Warranty</p>	<p>3 years full manufacturer's warranty on the power pack and the cell.</p>	<p>3 years full manufacturer's warranty on the power pack. 2 years full manufacturer's warranty on the cell.</p>