

# Viron pH Salt Chlorinator

**ASTRALPOOL** 

 FLUIDRA GROUP

**Viron** 

## Viron pH Salt Chlorinator

- ✓ **Energy efficient switch mode power supply**
- ✓ **Tests and maintains optimum pH level of pool and spa water**
- ✓ **Ensures maximum chlorine efficiency**
- ✓ **Intelligent self cleaning**
- ✓ **Reduce chlorine and save power**





You've made the decision to install a salt chlorinator – and no wonder. Salt water is so natural and soft to swim in, daily maintenance your pool is virtually eliminated and the water is clean, safe and healthy to swim in. However, salt chlorinators by themselves only perform part of the necessary treatment of your pool. This is the reason AstralPool have produced the Viron pH Salt Chlorinator. Not only does it maintain a safe level of sanitiser in your pool but also automatically senses and adjusts the pH balance of your pool water.

AstralPool's new Viron pH Salt Chlorinator brings a new benchmark in efficiency, control, convenience and reliability. To be accurate, salt or minerals don't sanitise the pool, chlorine does. Salt or minerals, when dissolved into your pool water are converted by the Viron pH Salt Chlorinator into chlorine which sanitises your pool. The salts or minerals, in roughly the same solution as a tear drop, pass through the electrolytic plates in the Viron chlorinator cell to form chlorine which kills all the contaminants within the pool and prevents bacteria and algae from forming.

But the process of producing the chlorine from Salt actually increases the pH of your pool water. When the pH increases, the chlorine becomes less effective, requiring ever higher levels of chlorine to keep your water crystal clean. So the Viron pH Salt Chlorinator incorporates a very smart pH sensor and automatically adjusts the pH to optimal levels.

Optimal pH creates even softer water, requires lower levels of chlorine to be effective and kill bacteria and algae, and creates brilliant, clear water. The correct pH of your pool water helps eliminate algae, reduces chlorine demand, and eliminates the need to manually dose acid to balance the water.

#### Efficiency

The Viron pH Salt Chlorinator's advanced electronic power supply provides pure DC power to maximize the efficiency of the electrodes to produce the highest level of chlorine for the lowest power consumption, reducing your power consumption and keeping your pool safe and healthy.

#### Control

Manual dosing with liquid or granular chlorine can be haphazard. Over-dosing can cause eye irritation, itchy skin and a strong chlorine odour. The Viron pH Salt Chlorinator continually generates chlorine at the level you require. Set and forget.

#### Convenience

The easy to use touch pad enables complete control of your pump and sanitiser system. While easy to use, it's packed full of features making your swimming pool a pleasure to own and use. Chlorine output, pH set point and actual readings, Pool or Spa selection, filter cleaning, time of operation, and additional run times are all selected and information is provided on the large liquid crystal display. The inbuilt time clock can be simply disabled if using an external timer to control filtration and chlorinating hours.

#### Intelligent Self Cleaning

During operation, the anode in the electrolytic cell attracts a build up of calcium and other debris which requires periodic cleaning. Most chlorinators reverse the polarity to the cell, which in turn releases the residue of calcium and debris on the anode. The intelligent Viron chlorinator analyses the output setting to optimise the polarity of the electrolytic cell. By minimising the number of reversals ensures the cell is clean and significantly extends the life of your chlorinator.

#### Pool or Spa Selection

When isolating your spa from the swimming pool, demand for sanitiser is greatly reduced. It's simple really, while spa water is warm and requires sanitiser to kill and prevent the growth of bacteria and algae, it's comparatively small volume means it only needs a fraction of the sanitiser that your pool requires. One touch of the "Spa" button on the Viron chlorinator and your sanitiser output is automatically reduced to suit the demands of your spa. Why is this important? Excessive sanitiser is unpleasant, causing itching skin, bleached swimwear and damaging heaters, pumps and interior finishes in your spa or pool. Just another way the Viron Chlorinator looks after your family.



#### Filter Backwash Timing

Sand Filters require regular backwashing to release the entrapped dirt and debris. The Viron Chlorinator has a very smart function that operates the pump for one, two or three minutes, ensuring your filter is backwashed for the correct period and turns off the electrolytic cell, preventing excessive build up of sanitiser and by-products during the backwash process. This feature also ensures that the pump cannot accidentally be left running and empty the pool, requiring expensive top-up water.

#### Extended Operation

Use the menu function to select extended operation and your Viron Chlorinator will automatically extend its operating hours to allow for additional filtration and sanitation during hot weather and heavy bather load periods. At an automatically determined time, the Viron will then revert to normal time clock operating hours saving you the inconvenience of manually changing operating modes.

#### Built for Australia

Australia has some of the most extreme weather conditions in the world for pool equipment. Unlike many parts of the world, our larger blocks of land allow pool equipment to be installed outside, exposed to the elements, extreme heat, torrential rain and infestation by small insects and animals. So the Viron Chlorinator has been designed with fine mesh screens and a long life cooling fan to help seal and cool critical electronic components. Even the LCD display is specially constructed to withstand high temperature and UV radiation in the harsh Australian environment.

Model	Product Code	Chlorine Output / hour	Pool Volume (litres) Temperate	Pool Volume (litres) Tropical	Max Pump Size	Max Current inc Pump
V18 pH Viron Salt Chlorinator	10803	18gm/h	50,000	40,000	8 amps	10 amps
V25 pH Viron Salt Chlorinator	10804	25gm/h	96,000	60,000	8 amps	10 amps
V35 pH Viron Salt Chlorinator	10805	35gm/h	130,000	80,000	8 amps	10 amps
V45 pH Viron Salt Chlorinator	10806	45gm/h	170,000	105,000	8 amps	10 amps

\* Temperate Climate Water Temperatures are lower and therefore inhibit algae and bacteria

\*\* Tropical Climate Water temperatures are higher and require higher chlorine output to combat algae and bacterial growth.



#### Mineral Salts

The Viron pH Salt Chlorinator is suitable for use with pool salt or AstralPool's unique AcquaTherape Minerals which give the pool water a softer feel and help prevent staining and calcification.

#### Integration

The Viron Chlorinator can be integrated with the AstralPool Viron Connect Pool and Spa Automation System. You've heard of home automation? When installed with the (optional) Viron Connect you gain total control of all your pool equipment, chlorinator, heater, spa jets, waterfalls and pool lighting from inside your home. Program your favourite setting into the Viron Connect to make pool and spa ownership easy and pleasurable for the whole family.

#### Warranty

The Viron series salt chlorinators are available in 4 different sizes with in built time clock which can be disabled when connecting to an external time clock system. Each chlorinator is covered by a 5 year warranty on the cell, 5 year pro rata on the power pack and one year warranty on the pH sensor.

To find out more visit [astralpool.com.au](http://astralpool.com.au)



Available from:

**Melbourne:** 03 8796 8600  
**Sydney:** 02 9853 2100  
**Brisbane:** 07 3308 5400  
**Gold Coast:** 07 5552 2600

**Townsville:** 07 4750 3100  
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