

A large swimming pool at night, illuminated with blue light. A wooden deck surrounds the pool, and a person's hand is visible on the edge. The water is dark, and the overall atmosphere is serene and modern.

A new era in water disinfection technology
for the commercial aquatic industry

Our unrivalled chlorine
generation technology
eliminates trillions of litres
(gallons) of water wastage.

AIS
WATER
Enhancing life



ENHANCING LIFE.

Bringing water back to life

At AIS Water, we have taken the time to step back and revisit who we are, and more importantly, why we are here. That valuable work has led us to a new articulation of our vision - AIS Water is saving and enhancing life through greater access to water.

This expanded 'reason for being' has brought us to a deeper understanding of our planet's most precious resource and the vital role it plays in sustaining and enriching life. Accordingly, we have strengthened our resolve to play a lead role globally in providing unique solutions for safer water disinfection and introducing breakthrough thinking to bring every drop of water treated back to its most harmonious 'live' state.

But we haven't stopped there.

Conventional chlorine dosing requires swimming pool water to be dumped or continuously diluted. This is a completely unacceptable practice that is wasting trillions of litres (gallons) of water globally each year.

AIS Water's unrivalled technology completely eliminates water wastage and can help to alleviate the extreme water shortages that are diminishing life and environments in many countries.

We are very passionate about saving and enhancing life through greater access to water. While we have made significant improvements in our 25-plus year history of doing just that, rest assured, we have only just begun.



A handwritten signature in black ink that reads "St. Gossel".

CHIEF EXECUTIVE OFFICER
AIS WATER



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An unrivalled method for water disinfection

Chlorine is the only globally recognised disinfectant for swimming pool water. It removes potentially lethal, pathogenic organisms and ensures the water is safe to swim in.

Unfortunately, not all water disinfection methods do this in an optimal way, and regardless of the method used, a chlorine residual is vital for protection against waterborne pathogens.

Today, there are only two methods for providing a chlorine residual -

- 1. Conventional chlorine dosing - costly and potentially hazardous to life and environments.**
- 2. Inline chlorine generation via electrolysis - safe and cost effective as pioneered by AIS Water in the commercial aquatic space.**

We embrace the responsibility to preserve the health and wellbeing of our people, our resources and our planet. That's why knowing the real difference between conventional chlorine dosing and inline chlorine generation is vital.

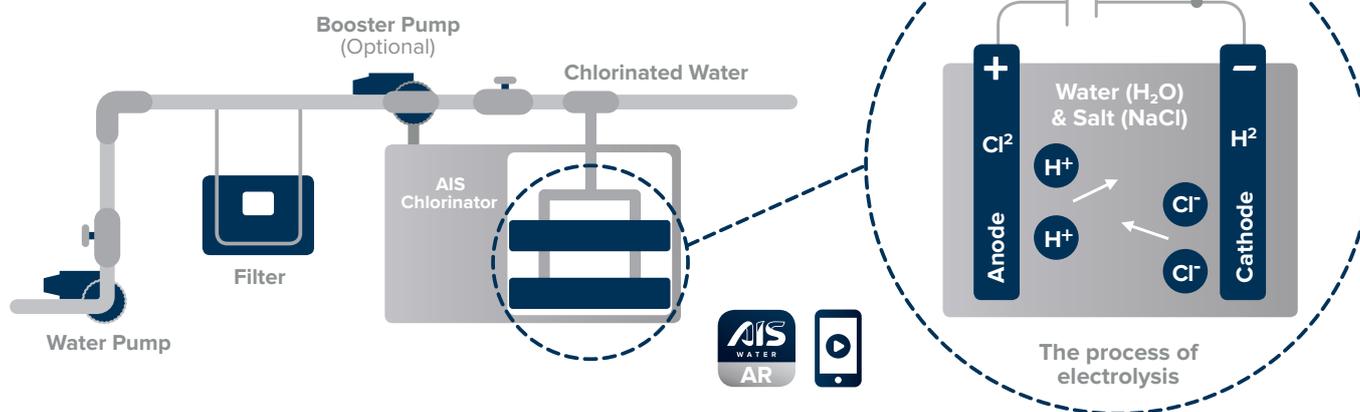
Inline chlorine generation via electrolysis

In a process known as electrolysis, water passes through an electrolytic cell converting minerals and salts to sodium hypochlorite (commonly known as liquid chlorine). The chlorine is then distributed directly into the pool water, keeping it clear and bacteria free.

As the chlorine is produced inline and within the water, there is no need to store or handle chlorine, meaning safety risks are drastically reduced, if not eliminated.

Pools disinfected via electrolysis are known as 'salt-water' swimming pools.

TYPICAL INSTALLATION DIAGRAM



Conventional chlorine dosing

Conventionally, pools disinfected by dosing liquid, granular or gaseous chlorine are known as 'chlorinated swimming pools'.

The need to store and handle chlorine attracts significant hidden costs and risks, which over the medium to long term are cost prohibitive.

These include Occupational Health and Safety (OH&S) compliance, the need for Personal Protective Equipment (PPE), increased staff training, and ongoing water dumping and replenishment, with the water then needing to be heated and treated.

Then there's the much greater cost of potential injury or loss of life.

A conventionally chlorinated swimming pool is not only a poor economic decision, it greatly diminishes life and environments.



When it comes to saving and enhancing life you need to know the facts

When the stakes are high you need
to understand the real truth, not
hearsay or rhetoric.

To that end we provide you with a side by side comparison so you can arrive at your own decision - a decision that could save money, water and enhance life.

| Assessment Criteria | Conventional Chlorine Dosing | Inline Chlorination |
|---------------------|---|---|
| Threat | HAZARDOUS. Chlorine gas is a hazardous material that can contribute to industrial accidents and/or be used as a potential weapon. The large-scale transportation and storage of chlorine can pose significant safety threats, especially in densely populated areas. | ELIMINATED. Via the process of electrolysis, chlorine is produced onsite and inline using minerals and salts dissolved in pool water. The need for off-site chlorine production, transportation and storage is completely eliminated, along with the associated public safety risks. |
| Health & Safety | DANGEROUS. The transportation of dangerous chemicals such as chlorine, is a major public safety concern. The risk of a potential accident, resulting in a chemical spill or leak is high. Many accidents at swimming pools are also related to chlorine exposure. They can be caused by the improper mixing of chemicals and subsequent chlorine off-gassing, leading to disastrous (or fatal) impacts to humans as well as significant property and equipment damage. | SAFE. By breaking the cycle of constant chlorine deliveries, storage and handling, health and safety hazards are significantly reduced. There is no direct human contact with chlorine, and therefore no training or PPE required. Risks associated with chlorine exposure caused by the improper mixing of chemicals or chlorine off-gassing are eliminated. So too are the chances of accidental chlorine inhalation, splashes or burns. |
| TDS Levels | COMPROMISED. Liquid chlorine and calcium hypochlorite dosing constantly increases Total Dissolved Solids (TDS) and salt levels in pool water. A high TDS level compromises water quality leading to cloudy water and scale deposits, in addition to pool equipment corrosion. It can also cause irritation to swimmers' skin and eyes. Maintaining the appropriate TDS level in competition swimming pools is crucial for meeting FINA Certification standards. | STABLE. Inline chlorine generation via electrolysis does not increase salinity or TDS levels, as it converts salts and minerals present in pool water to chlorine. AIS Water's ground-breaking EcoLine® technology has enabled inline chlorine generation even in FINA standard competition pools. |
| Water Hardness | DISCOMFORT. Calcium hypochlorite constantly increases water hardness which then negatively impacts the water chemistry along with swimmers' comfort levels. High levels of water hardness can lead to unbalanced and cloudy pool water, scaling, reduced chlorine efficacy, compromised chlorine testing and filter/heater inefficiency. | ENJOYABLE. With inline chlorine generation, high calcium hardness is a thing of the past. There is no artificial raising of water hardness via added calcium hypochlorite. |
| Water Dumping | WASTEFUL. There is no miracle product to lower the TDS level or water hardness caused by conventional chlorine dosing. The only way is to drain (partially, or completely) and refill the pool. The financial and environmental costs of water wastage are significant. | ELIMINATED. Inline chlorination results in more stable TDS and water hardness levels. It helps to protect the planet's most valuable resource by eliminating the need for purposeful and wasteful water dumping to control water chemistry. |

Further evidence that inline chlorination is vastly superior

MYTH

Inline chlorine generation can't keep up with bather loads.

FACT

Our comprehensive sizing calculations ensure the exact chlorine demand is known and the specified chlorine generator easily meets the required free chlorine residual.

When outmoded tradition meets practical innovation there are deeply held myths that simply no longer hold true.

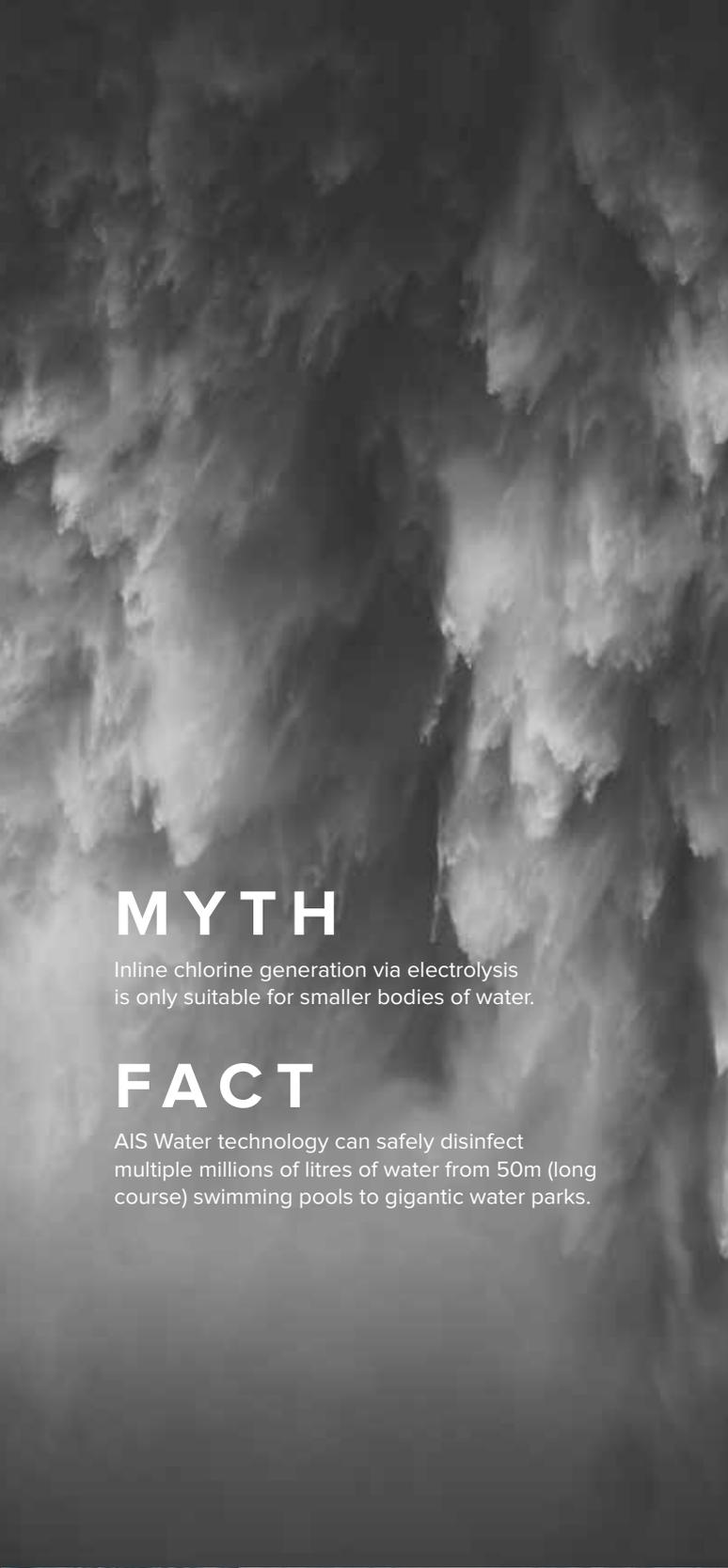
ENHANCING LIFE.

MYTH

Inline chlorine generation via electrolysis is more expensive than conventional disinfection methods such as granular or liquid chlorine.

FACT

Inline chlorine generation is approx. 3 to 5 times less expensive than conventional dosing methods over a 5 to 10 year period. We are happy to provide a cost comparison for your specific application.



We ask you to
be the judge.

MYTH

Inline chlorine generation via electrolysis is only suitable for smaller bodies of water.

FACT

AIS Water technology can safely disinfect multiple millions of litres of water from 50m (long course) swimming pools to gigantic water parks.

MYTH

Inline chlorine generation increases the TDS of the water.

FACT

TDS decreases due to backwashing and splash out, otherwise it remains stable.



MYTH

Inline chlorine generation can't be used for indoor pools.

FACT

Our EcoLine® technology is specifically designed for indoor pools, operating at an ultra-low salinity of 950ppm. It is ideal for FINA Standard competition pools.

Destroying chloramines





Inline chlorination via electrolysis helps to improve air and water quality by destroying chloramines.

Chloramines give chlorine a bad name.

While chlorine is globally recognised as an effective and efficient disinfectant, many people confuse chloramines with chlorine.

Chloramines are chemical by-products caused by the reaction of free chlorine with substances such as urine, faeces, sweat, body oil and cosmetics introduced to pool water by swimmers. AIS Water calls these Swimmer Introduced Nasties (SINs).

Chloramines or combined chlorine causes eye and skin irritation and even respiratory illnesses to pool staff and patrons, as well as undermining the efficacy of free chlorine.

Chloramines, and not free chlorine, are responsible for the distinctive strong “chlorine” odour. If not addressed, chloramines can build up to toxic levels which then contribute to poor air and water quality (particularly in indoor swimming pools).

AIS Water’s simpler, safer and smarter technology helps to destroy chloramines which is particularly beneficial in indoor swimming pools.

Due to breakpoint chlorination at the electrode, AIS Water’s technology helps to keep chemical by-product levels at bay and pool water clean and bacteria free.

AutoChlor®

For salt-water pools

AutoChlor® is a well-recognised, global brand of inline chlorine generators and is considered essential for salt-water, coastline and seawater pools with salinity levels between 4,000 - 35,000ppm.

In 1995 AIS Water launched its first commercial salt-water chlorine generator. The market enthusiastically embraced AutoChlor's® quality, design and outstanding performance.

Today, award winning AutoChlor® remains the chlorine generator of choice and is disinfecting thousands of swimming pools in resorts, hotels, public swimming pools, aquatic centres, swim schools, lagoons, water parks and schools in more than 55 countries worldwide.

OUTPUT RANGE FROM: 100 - 5000 G/HR (3.5 - 177 OZ/HR)



SALT-WATER SWIMMING POOL

SALINITY RANGE: 4,000 - 6,000PPM.
A SALT-WATER POOL IS MAINTAINED BY ADDING POOL SALT.



COASTLINE SWIMMING POOL

SALINITY RANGE: 4,000 - 35,000PPM.
A COASTLINE SWIMMING POOL USES A COMBINATION OF MAINS WATER AND SEAWATER. SEAWATER IS USED TO MAINTAIN SALINITY LEVEL.



SEAWATER SWIMMING POOL

SALINITY RANGE: 15,000 - 35,000PPM.
A SEAWATER SWIMMING POOL USES WATER DIRECTLY FROM NATURAL WATER SOURCES SUCH AS SEAS, BAYS AND OCEANS, WHICH IS ALREADY HIGH IN SALINITY.

ESSENTIAL



Scan this image
to view in 3D

EcoLine®

For freshwater swimming pools

EcoLine® is the absolute 'best in class' inline chlorine generator designed for low-salinity and competition swimming pools with TDS levels between 1200ppm and 4,000ppm.

In 2008 AIS Water launched the EcoLine® range of commercial chlorine generators for competition swimming pools.

AIS Water has redefined the future of freshwater swimming pool water disinfection, by enabling inline chlorine generation via electrolysis from a TDS level as low as 1200ppm.

EcoLine's® innovation has been subject to national and international acclaim and recognised many times over with awards and accolades.

EcoLine® reduces the risk of salt-induced staining, degradation and corrosion on poolside paving, fixtures and fittings, especially anything made from rust-prone materials.

OUTPUT RANGE FROM: 130 - 3,000 G/HR (4.6 - 106 OZ/HR)

✓ FRESHWATER SWIMMING POOL

SALINITY RANGE: FROM 950PPM
TDS RANGE: 1200 - 4,000PPM

AIS DEFINES A COMMERCIAL FRESHWATER SWIMMING POOL AS POOL WATER WITH TDS LEVELS BETWEEN 1200 - 2,500PPM.



Scan this image to view in 3D



Enhancing life and performance

With over 25 years of research and development, Australian designed and manufactured AIS Water technology delivers truly unique solutions for safer and more cost effective commercial swimming pool water disinfection.

Switch Mode Power Supply (SMPS)

- Superior alternative to traditional transformers
- Greater energy efficiency
- Significant weight reduction
- Enhanced performance
- Extended electrode life

Skid mounted design

- Skid mounted, minimal footprint for easy installation into plant room

Reverse Polarity (RP) for reduced maintenance

- Reduces calcium build-up
- Less maintenance of electrodes

Built-in acid wash system

- Built-in acid wash system for easy maintenance and servicing of electrodes
- No dismantling of the cell for acid cleaning, means less exposure to chemicals making cleaning simpler and safer

Sealed internal cooling

- Sealed internal cooling prevents ingress of hot air, salt, and acid vapours from damaging electrical components
- Excellent protection against corrosion
- Optimal operating temperatures for electronic components
- Titanium core radiator utilises pool water for efficient heat exchange

Construction

- Built to last using high quality materials
- Frame and box made from powder-coated galvanised steel, and high nominal pressure UPVC piping
- Built to withstand harsh environmental conditions and UV radiation
- Horizontally mounted cells for ease of cell maintenance
- Optional split section frame design for limited access sites

Safety features

- Water flow cut-off switch for pump protection
- Thermal overload cut-off for water and power supply
- Current overload and overvoltage protection systems
- Pressure relief valve

Warranty

- All commercial chlorine generators are covered by a three-year warranty on power supply and the electrolytic cell

Genuine AIS Water heavy duty anodes ensures longevity of electrolytic cell



Sheraton Grand Mirage Port Douglas Resort



ENHANCING LIFE.



AutoChlor[®]

AIS Technology: AutoChlor[®] SRC-2500 x 6

-
- ◉ **Installation:** January 2018
 - ◉ **Water type:** Filtered seawater (20,000+ ppm salinity)
 - ◉ **Pool surface:** 2 hectares (20,234.3 m²) or 5 acres
 - ◉ **Application:** Salt-water lagoon resort swimming pool
-

Nestled beside Four Mile Beach in tropical North Queensland, the Sheraton Grand Mirage Resort Port Douglas is a jewel that sits between two World Heritage listed attractions, The Great Barrier Reef and the Daintree Rainforest.

This internationally renowned resort boasts Queensland's largest swimmable salt-water lagoon area, spanning over two hectares. Eight swimming lagoons meander through the property linking the accommodation wings with the main building.

The resort is committed to luxury, reliability and quality - across all aspects of the property.

After six years of using a different technology, the Sheraton Grand Mirage made the switch to AIS Water's AutoChlor[®] inline, salt-water chlorine generators.

An elaborate water treatment system captures water directly from the sea at high tide, which is then filtered and treated by six (6) AIS Water AutoChlor[®] SRC-2500 units.

With over 20,000,000 litres (5,283,441 gallons) of swimmable salt-water flowing through this prestigious address, more than 1,000 litres (264 gallons) of chlorine is required daily. AIS Water's award-winning technology satisfies the demand producing chlorine onsite and inline.

There is no longer any need for costly, time-consuming and dangerous conventional chlorine dosing or the transportation, storage and handling of high volumes of liquid chlorine.

The result is much more than beautiful, clean, bacteria free water. The resort's AutoChlor[®]s can produce 120 litres (31.7 gallons) of liquid chlorine per hour, onsite and inline, offering staff and swimmers the ultimate in round the clock water disinfection, protection and peace of mind.

AutoChlor® Case Studies

Sofitel Resort & Spa Denarau Island FIJI



AutoChlor® SRC-1000

At over 1,000m² (10,763.9 ft²), the Sofitel boasts one of the largest beachfront, free-form lagoons in the South Pacific. The luxurious hotel also features a 25m (27.5 yards) lap pool, children's pool area and water slide. AIS Water's AutoChlor® keeps the extensive volume of lagoon water in top quality as expected by the hotel's discerning guests.

Azure Urban Resort Residences Paranaque City PHILLIPINES



AutoChlor® SRC-3000

The true centrepiece of this luxurious resort and residential property is Azure Beach – an impressive 3,500m² (37,673.69 ft²) man-made beach facility with fine white sand, undulating waves and waterfalls. The lagoon pool is protected by AutoChlor® ensuring chlorine is readily available without the expense, inconvenience and risk of handling or storing liquid chlorine.

Centenary Pool QLD AUSTRALIA



AutoChlor® SRC-100, SRC-1000 & SRC-2000

The heritage listed Centenary Pool is a popular inner-city swimming destination. It boasts a learn-to-swim pool, wading pool, diving pool and long course 50m (54.7 yards) Olympic pool. In 2012-13 the site switched from liquid chlorine dosing to AIS technology to address the concerns of chlorine deliveries and handling.

Cairns Esplanade Lagoon QLD AUSTRALIA



AutoChlor® SAC-2000 & SRC-2500

Since 2004, this iconic 4,800m² (51,666.77 ft²) lagoon utilises filtered seawater and is disinfected by AutoChlor® inline chlorine generators. In 2009 an additional AutoChlor® SAC-2000 was installed to handle an increased bather load. After 11 years of continuous service, the original AC-2000 was upgraded to an AutoChlor® SRC-2500 to take advantage of the latest technology.

Valley Pool QLD AUSTRALIA



AutoChlor® SRC-1500

The Valley Pool is an iconic Brisbane destination for high profile, elite swimmers and athletes, as well as recreational swimmers. The facility has a long course 50m (54.7 yards) outdoor heated pool that is used for swimming and water sport events. In 2010 the pool welcomed AutoChlor®, which produces chlorine onsite and inline via electrolysis.

Scarborough Beach Pool WA AUSTRALIA



AutoChlor® SRC-625 & SRC-2500

Located on the promenade at Scarborough Beach this world-class recreation facility features a combined long course 50m (54.7 yards) and 25m (21.9 yards) lap pool, and a leisure pool, both geothermally heated. Scarborough made history as the first aquatic facility to adopt inline chlorination via electrolysis at a large scale commercial project in WA, where AutoChlor® salt-water chlorine generators will ensure water is disinfected within state health guidelines.

Testimonials



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Steven Pennington

Engineering Project Manager
Sheraton Grand Mirage Resort,
Port Douglas

“Changing to AutoChlor® has made our lives a lot easier.

“The quality of the water, along with the ease of operation and minimal maintenance, is far superior to anything we’ve used before.

“We have six AIS units. I’d tell anyone who was considering using AIS Water’s technology to do so. You definitely won’t be disappointed.”



John Mandelt

Project Manager
Commercial Aquatics
Australia

“It’s been an honour to work on some of Australia’s biggest aquatic projects including the new Scarborough Beach Pool in Western Australia.

“This pool was the first in WA to adopt AIS’ award-winning AutoChlor® technology and I know it won’t be the last.

“The salt-water chlorinator has such a small footprint, it’s easy to commission and operate, and of course the inline chlorine production makes everything safer, for pool staff and swimmers.

“Reliability, quality, and access to technical support are critical with water disinfection. AIS Water delivers on all counts.”

Malaysia National Aquatic Center



ENHANCING LIFE.

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EcoLine[®]



AIS Technology: **EcoLine[®] FSRCN-650, FSRCN-800 & FSRCN-1300**

-
- **Installation:** June 2017
 - **Water type:** Freshwater (1200+ ppm TDS)
 - **Pool volumes:** 3125m³ (825,538 gallons),
3187m³ (841,916 gallons),
3750m³ (990,645 gallons)
 - **Application:** FINA Standard competition pools
-

Originally opened in 1998 for the Commonwealth Games, the National Aquatic Centre (NAC) in Bukit Jalil is a world class venue for sporting excellence. In 2017, it hosted the 29th South East Asian (SEA) Games which featured over 40 international competitive events including swimming, diving, water polo, and synchronised swimming.

The 28,000m² (301,389.49 ft²) facility is constructed in accordance with the rigorous standards and regulations of the International Swimming Federation (FINA) and features a long course 50m (54.7 yards) Olympic sized pool, a 25m (27.3 yards) diving pool and a 20m (21.9 yards) training pool.

NAC's water disinfection requirements were specified by leading Australian architect, Will Marcus of ARGO Architects + Masterplanners.

Thanks to AIS Water's technology, inline chlorination is now possible even in FINA standard competition swimming pools. A longtime supporter of inline chlorination, ARGO had no hesitation to specify AIS technology to disinfect water in all three pools.

Capable of generating chlorine in pool water with very low TDS levels (1200ppm+), ground-breaking EcoLine[®] technology is now producing all the residual chlorine the Centre requires without the costs, risks and hassle associated with previously used conventional chlorine dosing.

EcoLine[®] is providing the pool water's first line of defence against bacteria, algae and waterborne pathogens and helping to create a water quality that feels, smells and tastes more like freshwater.

NAC has embraced all the convenience and safety benefits of the world's first freshwater chlorine generator.

EcoLine® Case Studies

University of the Sunshine Coast QLD AUSTRALIA



EcoLine® FSRC - 850

EcoLine® has disinfected USC's School of Health and Sport Sciences' 2 million litre (528,344 gallons) pool since 2011. The facility features a 10 lane, long course 50m (54.7 yards) Olympic-size teaching and learning pool annexed to a High Performance Training Centre. The pool is used by a wide range of patrons including Olympic and Paralympic swimmers, and water quality must be maintained within specified FINA and state guidelines at all times.

Riley, a Crystalbrook Collection Resort QLD AUSTRALIA



EcoLine® FSRCN-650 & FSRCN-800, 2 EcoLine® 30T

This new five-star resort is located in tropical North Queensland is known for its responsible luxury. Riley features a lagoon pool spanning over 1,000m² (10,763.9 ft²), fringed by a man-made beach. Guests enjoy the luxurious experience of feeling like they are swimming in fresh water. EcoLine® safely disinfects over 1,000,000 litres (264,000 gallons) of water and has eliminated the need to store or handle large amounts of chlorine.

Sunshine Grammar School QLD AUSTRALIA



EcoLine® FSRCN – 1300

Covering 1 hectare in size, the state of the art facility of the Sunshine Coast Grammar Aquatic Centre houses the only FINA certified long course 50m (54.7 yards) school pool on the Sunshine Coast as well as a 17m (18.6 yards) indoor heated pool. International multi-award winning EcoLine® technology ensures swim coaches, staff and students enjoy access to outstanding quality water.

Maitland Aquatic Centre NSW AUSTRALIA



EcoLine® FSRCN - 550

Situated inside idyllic Maitland Park, the Maitland Aquatic Centre showcases a new state-of-the-art 25m (27.3 yards) indoor heated pool which is protected by an EcoLine® chlorine generator. Since opening in mid-2017, the pool operator and patrons are delighted with both water quality and EcoLine®'s performance. There is no offensive "chlorine smell" - a big bonus for indoor facilities.

Grand Hyatt Resort Dubai U.A.E



EcoLine® FSRC – 425 x 4

The Grand Hyatt Resort, Dubai features a 2.5 million litre (660,430 gallons) lagoon and is located in one of the world's most environmentally challenged and water starved locations. After winning the Gold Gaia Award in Dubai in 2009, four EcoLine® chlorine generators were installed to disinfect over 400,000 litres (105,669 gallons) of water per hour at this prestigious resort.

Waterbom Bali Kuta INDONESIA



EcoLine® FSRC - 250 & FSRC - 850 x 2

Occupying 3.8 hectares, the popular tourist destination Waterbom Bali features 20 thrilling water slides and an array of pools, fountains and aquatic attractions. AIS Water's technology has been in use at Waterbom since 2007 with a combination of EcoLine® and AutoChlor® chlorine generators. Waterbom is an environmentally conscious waterpark and there is no surprise EcoLine® technology was selected to treat 1.5 million litres (396,258 gallons) of water at a low TDS of 2,000ppm.

Testimonials



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Jon Herbert

Operations Manager
The Pool Man, Cairns

“The EcoLine® chlorinators we have here are trouble free and low maintenance.

“They are very good for the environment. There is a lot of rain here in the wet season, but with AIS’ technology we add bags of salt, rather than pallets, which means we are in and out of the pool area more quickly, with less disruption to hotel guests.

“We’ve had good reports about the water quality and less salt in the pool means a less corrosive environment for the pool equipment and surrounds.”



Nathan Gordon

Manager, USC Sport
University of the
Sunshine Coast

“As you might expect in a state of the art training facility like ours we focus strongly on efficiency. We like the way our EcoLine® water disinfection unit just gets the job done with minimal dials and buttons to operate and with minimal facility manager involvement.

“The quality of the water is second to none, in fact, we’ve been told we have the best tasting pool water in the world. One of the international swimming coaches inspected our facility in the lead up to the Commonwealth Games. He said that the pool water was the best he’d ever come across.”

Testimonials



Will Marcus

Principal and
Managing Director
ARGO Group

“As a specialist in the design of aquatic facilities and environments, I’ve specified AIS Water’s disinfection systems in hundreds of commercial and residential projects worldwide.

“When it comes to chlorine generation, my preference is always to use electrolysis. It’s the safest, most cost-effective and efficient system that we know.

“One of the benefits of AIS Water’s technology is flexibility. You can disinfect any quantity of water from a megalitre to 10,000 litres (2,642 gallons). When it comes to water disinfection, AIS Water’s technology is quite simply superior.”



Adrian Schrinner

Lord Mayor of
Brisbane City Council

“AIS Water is a true Brisbane success story. We’re delighted to see locally designed and manufactured technology on the world stage.

“Safety is a non-negotiable when it comes to our communities. With the majority of Council’s pools protected by AIS’ technology we can be confident that swimmers can enjoy clean water and our staff can enjoy a safe working environment.

“AIS Water’s continuous commitment to innovation has seen it grow from strength to strength. We look forward to what the future will bring.”



John Baldwin

**Project Manager
Baldwin Aquatic**

“We are huge fans of AIS Water’s technology, particularly when it comes to EcoLine®. EcoLine® provides many advantages to end users compared to traditional pool water disinfection systems.

“From a pool plant room design perspective, EcoLine® is very space efficient. You don’t need tanks for liquid chlorine storage and extra driveway space for access with bunded areas for chlorine deliveries.

“Where possible we always try and recommend AIS Water’s chlorinators, based on their quality, performance, simple operation and low maintenance costs. While initially EcoLine® may seem a bit more expensive when looking at initial capital costs, the cost and convenience balances out in the long run.”



Darren Gooda

**Operational Manager
JUST Sports and Fitness -
Valley Pool**

“Our AutoChlor® salt-water system is a welcome change after my previous experience with conventional chlorine dosing. It’s efficient and easy to operate but more importantly it results in positive feedback from our patrons.

“We have a broad cross-section of swimmers here including elite, high-profile, squad and recreational swimmers.

“One thing that is common to all is the compliments we receive about our water quality. It’s not just that the water is clean and clear. It smells, feels and tastes so much better than your standard chlorinated pool.”

Testimonials



Michael Griffin

Managing Director
Pool Ranger

“Like AIS Water, Pool Ranger is a local, family owned business.

“We pride ourselves on the relationships we form with our suppliers and customers and we’ve enjoyed a great one with AIS Water for many years.

“I like that I can communicate directly with everyone from the CEO to a member of the technical team.

“It’s an exciting time for the industry as archaic water disinfection methods are finally making way for innovative technology like AIS Water’s. We’re proud to stock AIS Water’s systems and back them one hundred percent.”



Chad McCamley

Team Leader
Maitland Aquatic Centre

“I’ve worked with a variety of water disinfection methods over the years. My primary concern with conventional chlorine dosing was always the dangers associated with handling and storing chlorine.

“Since installing EcoLine® at our indoor facility, the air and water quality has been fantastic.

“Our patrons always make comments about the clarity and feel of the water, along with the no-chlorine smell. The frequency of maintenance and backwashing has also significantly reduced.”



**Mary Segond
von Banchet**

**Aquatic Facility
Operations Manager
Koorda Swimming Pool**

“Working in a remote location means safety is vital.

“Prior to adopting EcoLine® technology I’d be waiting for days for chlorine deliveries, and then it would arrive damaged or leaking.

“I’ve sustained chemical burns as a result of handling liquid chlorine, and granular chlorine would put a huge strain on our pool’s filtration and plumbing systems.

“With EcoLine® it means I now have an endless supply of chlorine and no longer have to worry about my, or my customers’ safety.”



Jay Clarke

**Director
City Venue Management**

“Overseeing the management of around 21 Aquatic Centres is a big job. It’s important that we use equipment that we cannot only trust, but that keeps our staff and patrons safe.

“It’s one of the main reasons we use AIS Water chlorinators. There’s no need for staff to handle liquid or granular chlorine. We just add salt on a regular basis.

“I’m also a competitive swimmer so really appreciate how AIS Water’s technology keeps the water silky smooth, with no odour and minimal taste.”

Proof that we are operating at a whole new level



Helen Stratton

Associate Professor,
Microbiologist,
Griffith University, Brisbane



“During the course of our research, when we assessed the data and converted it back to annual water use, we found that a pool using granular or liquid chlorine for water disinfection would need to be dumping pool water at least once a year to stay within the recommended guidelines for total dissolved solids.

“We found AIS Water’s saltwater chlorination technology was a far superior method to keep water chemistry stable with all monitored parameters in 6 pools over a 6 month period.

“A long course 50m (164 ft pool using granular chlorine, converted to AIS’ technology would eliminate at least 1.6 million litres (422,675 gallons) of water use and save up to AUD \$40,000 annually in water rates.

“On an environmental note, saving that amount of water is a huge saving for our water thirsty planet.”



The power to save millions of litres of water per annum.

AIS Water's technology demonstrated vastly superior performance when tested with liquid and granular chlorination methods in a comprehensive university study.

The research revealed that in one long course 50m (164ft) pool AIS Water's technology will save at least AUD\$40,000 per annum* per pool over both granular and liquid methods in water dumping if the water is dumped at 3,000ppm as per guidelines.

In terms of water savings, by converting to AIS saltwater chlorination technology, one long course 50m (54.7 yards) pool will save a minimum of 1.6M litres (422,675 gallons) per annum.

In a city of 100 x long course 50m (54.7 yards) pools that delivers a total cost saving of at least AUD\$4M per annum, and water saving of 160 million litres (42.26 million gallons) per annum.

The thoughtful redirection of this precious and scarce resource represents a massive enhancement to life and environment.

This assessment does not factor in the significant additional savings that can be made over granular/liquid chlorine procurement, delivery, storage, handling and the inevitable environmental corrosion, which is also proven to happen with both methods.

These facts come from an independent study undertaken by the Griffith University in Brisbane, Australia in August 2019.

This indisputable proof validates our advanced technology's unparalleled performance in saving a great deal of time, money and stress.

AIS Water should be your first choice for simpler, safer and smarter water disinfection.

*This study has a 95% confidence level (+/- .05) and is based on an average long course 50m (54.7 yards) pool with a water cost of \$1.60/kL. The cost comparison is based on AIS Water technology versus granular and liquid dosing.

AIS Water technology in operation worldwide



Exported to over 55 countries

ARGENTINA
AUSTRIA
BARBADOS
BELGIUM
BRAZIL
CANADA
CHINA
COLOMBIA
COSTA RICA
CROATIA

CUBA
CYPRUS
CZECH REP.
DENMARK
DOMINICAN REP.
EGYPT
FIJI
FRANCE
FRENCH POLYNESIA
GERMANY

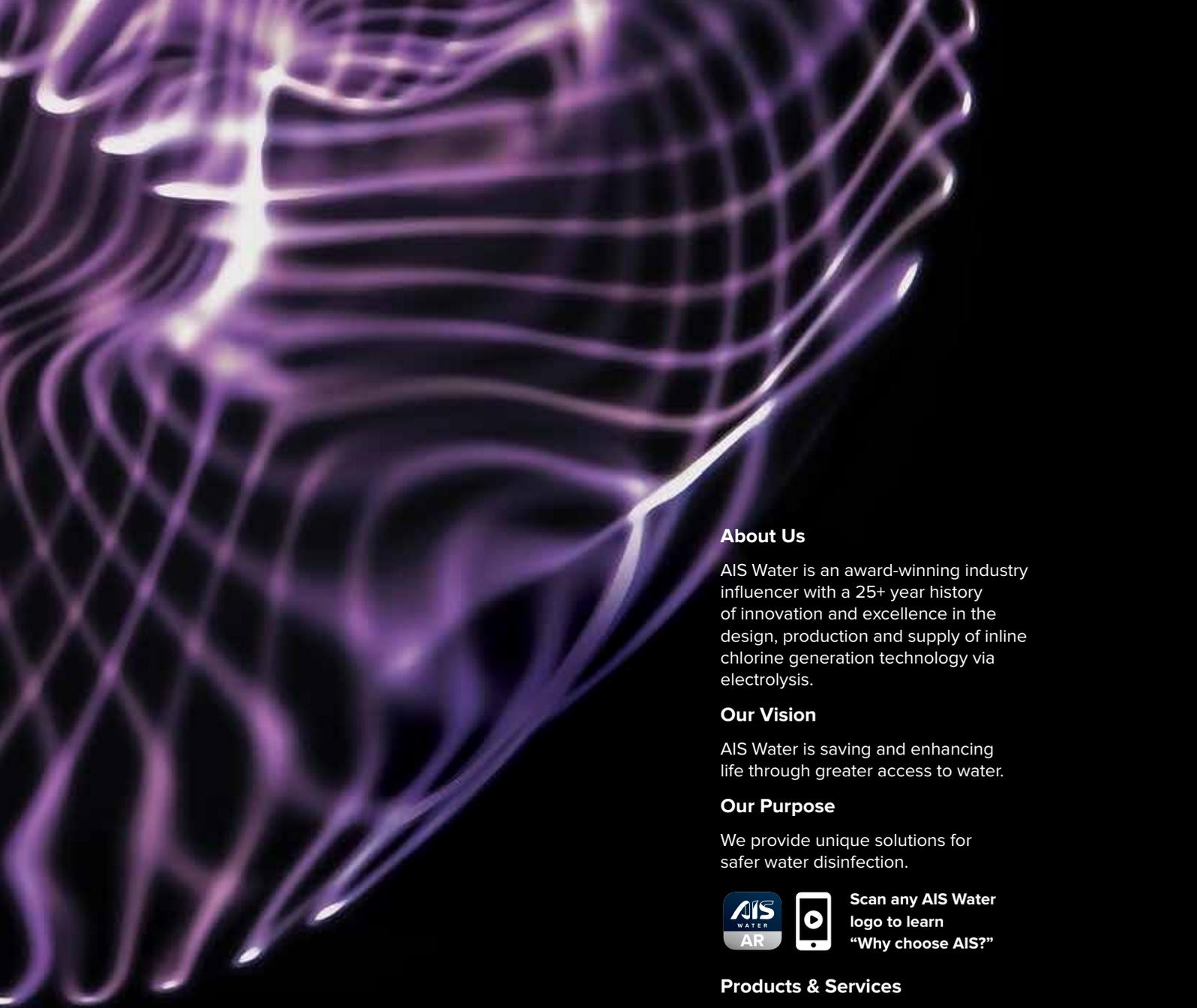
GREECE
HOLLAND
INDIA
INDONESIA
IRAN
ITALY
KAZAKHSTAN
KENYA
KOREA
MALAYSIA

MAURITIUS
MEXICO
NEW CALEDONIA
NETHERLANDS
NEW ZEALAND
PANAMA
PNG
PORTUGAL
PHILIPPINES
PUERTO RICO

MOLDOVA
RUSSIA
SAUDI ARABIA
SINGAPORE
SPAIN
SWEDEN
SWITZERLAND
THAILAND
TURKEY
UAE

UK
UKRAINE
URUGUAY
USA
VANUATU
VENEZUELA
VIETNAM





About Us

AIS Water is an award-winning industry influencer with a 25+ year history of innovation and excellence in the design, production and supply of inline chlorine generation technology via electrolysis.

Our Vision

AIS Water is saving and enhancing life through greater access to water.

Our Purpose

We provide unique solutions for safer water disinfection.



Scan any AIS Water logo to learn "Why choose AIS?"

Products & Services

AIS Water's optimal range of chlorine generators is widely used in home swimming pools, swim schools, aquatic centres, resorts, hotels, FINA Standard competition swimming pools and large scale water parks worldwide. Our expert service includes providing water disinfection solutions, consulting, commissioning and servicing. All commercial chlorine generators come with 3 (three) years' warranty on power supply and electrolytic cells.



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Memberships:



Awards:

