

**Sustainable water for  
the urban environment**

# A commitment to sustaining one of the world's most precious resources - water

**Water is fast becoming one of the world's top priorities. With the rising trend of urbanisation due to population growth, coupled with the adverse effects of climate change, a report by UN-Water says that by 2025, 1.8 billion people will be living in countries or regions with absolute water scarcity, and two thirds of the world's population could be under 'water stress' conditions.**

NUBIAN was formed to research, develop and bring to market products that address one of the most significant global challenges in the 21st Century – the maintenance of adequate supplies of clean drinking water. We help protect our scarce future water supplies and take pride in delivering the best quality recycled and purified water with our sustainable water solutions.

## Sustainable water solutions to support communities and industry

Established in 2005, Nubian Water Systems has become the trusted name in delivering sustainable water solutions. Our advanced technology focuses on greywater recycling, water purification and water quality management.

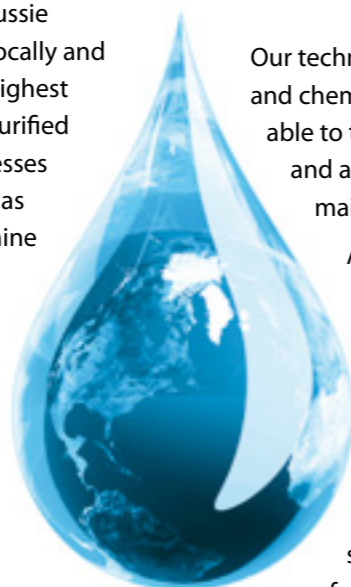
Nubian Water Systems products are manufactured to the highest standards. We are an Aussie supplier, that delivers locally and globally ensuring the highest quality of recycled or purified water to homes, businesses and communities such as university campuses, mine sites and prisons.

## Reduce water usage by up to 60% with our greywater recycling technology

With the world's water supply trending towards shortage, finding better ways to reuse and save water has become a top priority. To help reduce demand on the world's pure water resources, we have developed a greywater recycling system that can reduce your water usage by up to 60%.

### Nubian offers:

- Greywater recycling
- Water purification
- Water quality management



Our technology is a unique, patented and chemical-free recycling system, able to treat greywater to 'A+ Standard' and approved in every Australian mainland state.

All Nubian greywater recycling systems are automatic, chemical-free and require no intervention by you. Nubian's planned maintenance program together with an advanced, continuous on-line water quality monitoring system provides peace

of mind for the system's owner and for regulators.

Nubian systems are compact and easy to install making them ideal for retro-fitting of domestic and commercial buildings. They can recycle from 500 up to 100,000 litres of greywater a day.

## The most advanced, effective water purification technology available

Clean water is always top of mind when it comes to the safety of our friends and loved ones. With Nubian's ultrafiltration technology and UV disinfection water purification treatment, we ensure the safety and cleanliness of your drinking water.

## Ultrafiltration – a secure, safe supply of drinking water

Our modern ultrafiltration technology completely removes bacteria, viruses, parasites and sediment without any use of chemicals. Our UF systems are sourced from the global leader, Seccua, and are clinically proven to filter 99.99% of all pathogens – no further disinfection is required.

Our ultrafiltration systems are modular and can cost effectively purify up to 3 million litres of water a day. They run fully automatically and are easy and inexpensive to install and operate - ideal for places with no connection to a central water supply.

## Nubian Ultrafiltration for a range of uses

- Point-of-entry filtration for your 'whole of building' purification needs in homes, hotels, restaurants, office buildings and industrial plants.
- The best quality drinking water purification in mobile environments such as aircraft, ships and trains.
- Supply local, authority-run drinking water purification for decentralised water treatment plants.

## UV Disinfection – leading technology guarantees the safest, purest drinking water

To kill off waterborne microorganisms, Nubian's UV light disinfection solution uses a patented technology called 'Crossfire' to guarantee the safest, purest drinking water. Our solution produces no tastes and odours and leaves no trace of carcinogenic disinfection by-products.

Nubian uses the world leading Hallett and Upstream UV disinfection systems manufactured by UV Pure, which are unique amongst small scale UV systems. Our UV disinfection systems:

- Ensure a uniform UV light dose using UV Pure's patented 'Crossfire' technology to minimise the possibility of pathogen particles being shielded from exposure to the UV light
- Have an automatic cleaning mechanism which avoids the need to remove and manually clean the quartz tube
- Can be remotely monitored and operated

We provide UV disinfection systems which are NSF/ANSI 55 Class A Certified, the gold standard accepted by environmental regulatory agents worldwide.

**“Nubian's technology experts are great communicators in explaining how their technology works. It shows they put a lot of time and energy into developing their world-class technology.”**

Jacqueline Sharples,  
Project Manager,  
Yarra Valley Water

## Did you know?

Greywater from showers, baths, hand basins and laundry represents:

- approx 40% of residential water usage
- approx 50 – 60% of commercial water usage

This water can be reused for internal applications such as toilet flushing and laundries, as well as for external applications such as irrigation and vehicle washing.



Nubian helps build sustainable communities

***Our vision is to be the global leaders in water sustainability solutions and to contribute to protecting our most precious resource***

**Water quality management solutions - cutting edge technology for peace of mind**

Protecting the quality and quantity of water requires constant monitoring and control – Nubian can help you achieve this peace of mind. We understand that critical applications such as cooling towers, food and beverage environments, industrial water treatment, water purification facilities and swimming pools need constant monitoring.

For these critical applications Nubian provides 2 innovative tailored solutions:

1. HydroGuard – water quality diagnosis and monitoring systems

Nubian's HydroGuard water quality monitoring and control systems measure up to 8 water quality parameters and can directly control Chlorine, pH and Redox. The system provides detailed maintenance reminders to alert you of incidents, timing and causes so that you can

respond effectively. HydroGuard Analysers perform self-calibration, self-cleaning and long-term stabilisation.

2. NuLink – remote monitoring and control software

Many water treatment systems are in difficult to access areas. Nubian's unique NuLink remote monitoring and control software solves this problem. Operated via an iPhone app or web interface, and delivering timely SMS alerts & emails when a system alarm triggers, you can be reassured that your water is constantly being monitored to the highest quality saving you time and money. NuLink also allows your system to be controlled remotely so that it can be kept at optimum performance.

***“The Nubian system allows us to very accurately monitor, treat and make adjustments in real time, without having to run back to the treatment room. We can even adjust the system off-site. It's fast and so efficient allowing our staff to focus on what's important – better serving our customers.”***

*Ross Gage, CEO, Swim Australia*

***Contact us to discover how Nubian can help you make more out of our most precious resource***



1800 NUBIAN  
www.nubian.com.au



***Nubian Water Systems: the sustainable solution***

***Our recycling systems use chemical-free biofilters and not membranes.***

- ***Organic, no chemicals used***
  - ***Low power consumption***
  - ***Works with wide range of water types***
  - ***Cost savings in maintenance***
- Compact technology***
- ***Small footprint***
  - ***No above ground excavation required***

***Accreditation in every mainland state***



Nubian Water Systems is an Australian owned company that develops and distributes sustainable water solutions for domestic, commercial and industrial markets in the urban environment. Nubian has pioneered advancements in technology that ensures the highest quality of recycled or purified water that are efficient, easy and flexible to install and maintain. Based out of Sydney, NSW, Nubian is committed to leading the way in the protection of our future water supplies. Nubian systems can be purchased directly at +612 9647 2633 or through our distributors at [www.nubian.com.au](http://www.nubian.com.au)