



Aqua Nova Wastewater

the clear **solution** to
recycling wastewater

ABOUT AQ & BENEFITS

The Aqua Nova (AQ) Wastewater treatment system is designed to treat all of the wastewater from your laundry, kitchen and bathroom so that it can be safely reused in garden irrigation.

Required for properties that do not have access to main sewer lines, AQ uses similar processes and technologies to that of the sewage treatment plants used in large townships and cities.

Made in Australia by Everhard Industries, a trusted name in manufacturing since 1926, AQ remains 100% Australian owned.

All AQ wastewater systems meet the National Standard AS/NZS1546.3 and have undergone a stringent testing program.

Suitable for domestic and commercial use, Everhard offers different systems to meet different applications, landscapes and council requirements. Everhard can custom-design these to suit each applications specifications.

For more information view our video
everhard.com.au/aboutaq

RELIABLE

- / All household wastewater can be connected with the appropriate working capacity system
- / Trouble-free with routine maintenance carried out every 3 months
- / Fully guaranteed with 15 year tank warranty and 2 year electrical component warranty

ECONOMICAL

- / Designed to minimise power and reduce operational costs
- / Water saving of up to 1,200 L per day
- / Fits to most pump irrigation equipment
- / Adds value to your home

SAFE

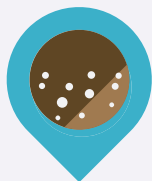
- / Unobtrusive and odour free
- / Accredited by state regulation bodies
- / Environmentally friendly and safe
- / Two-tank, 5 stage process to generate clean, safe wastewater for irrigation into your garden

HOW IT WORKS



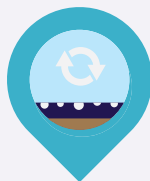
1 PRIMARY TREATMENT

All wastewater flows into a Primary Tank that allows for the removal of solids and fats from the raw sewage.



3 CLARIFICATION

Aerated water undergoes a final clarification. This allows most of the residual solids to settle, which are pumped back to the primary tank.



5 IRRIGATION

When sufficient wastewater has been treated, a pump will activate allowing safe, recycled water to disperse, via the irrigation system, to your garden.



2 AEROBIC TREATMENT

Settled wastewater flows into an aerobic zone that is pumped with air using an aerator. This zone is fitted with media, which allows for aerobic bacterial growth that biodegrade residual organic material.



4 DISINFECTION

Where specified by local authorities, clarified water is disinfected. This is achieved by allowing the water to flow over chlorine tablets, providing enough chlorine concentration to eliminate any residual bacteria.



IN YOUR
GARDEN



CHOOSING YOUR AQ SYSTEM

We offer different AQ systems to meet different landscape and council requirements. Your builder or AQ distributor can arrange for a site and soil engineer to review your property and identify a suitable system. Below are the different options available dependant on the property type. All tank variations come in both Polymer and Concrete and can be custom-designed to suit your requirements.

SYSTEM	BENEFITS	TANK SIZE	IDEAL FOR
STANDARD	<ul style="list-style-type: none">· Simple and efficient· Minimum power usage· Secondary quality effluent	2 x 3000L	General domestic applications
BED AND BREAKFAST	<ul style="list-style-type: none">· Simple and efficient· Minimum power usage· Secondary quality effluent	2 x 3900L	Large domestic, retail or small commercial applications
ADVANCED	<ul style="list-style-type: none">· Tested to a higher standard· Produces better quality water than standard systems· Greater flexibility on smaller blocks· Reduces set-back distance and dispersal areas	2 x 3000L	General domestic applications
NUTRIENT REDUCTION	<ul style="list-style-type: none">· Tested to a higher standard· Produces better quality water than standard systems· Greater flexibility on smaller blocks· Reduces set-back distance and dispersal areas· Reduces nitrogen and phosphorus	2 x 3000L	Domestic applications within water catchment or environmentally sensitive areas
MEMBRANE SYSTEM	<ul style="list-style-type: none">· Removal of damaging grease and oil· Exceptionally high quality of water· Greater flexibility on smaller blocks· Reduces set-back distance and dispersal areas· Consumes less power than other systems	2 x 3900L	Domestic and commercial applications within water catchment or environmentally sensitive areas

POLYMER vs CONCRETE

Depending on the application, polymer or concrete may be more suitable, based on your requirements.

Here are the benefits for both:

POLYMER

- / Non-Corrosive and resistant to harmful chemicals
- / Lightweight so it's easy to deliver and install
- / Resistant to cracking
- / Water tight and non-porous so it won't leak or contaminate
- / Green tanks blend in a backyard setting
- / Ideal for rural homes, hotels, retail sites, schools and parks

CONCRETE

- / Durable, strong and resistant to damage
- / Holds higher effluent levels
- / Ideal for areas with extreme weather and areas prone to flooding
- / Ideal for clay soils
- / Ideal for commercial and high traffic areas

HOW TO ORDER

Everhard Industries has a large distributor network Australia-wide.

For further information:

- / Contact your local distributor for an obligation free quote. They will assist you in finding the right wastewater system for your requirements
- / Your local distributor can advise if an independent consultant is required to prepare an Onsite Wastewater Management Report
- / Submit an application form required by your local government authority. Your local distributor should be able to assist
- / Book in your system installation with your local distributor

Call **131 926** or visit **everhard.com.au**
to find a distributor near you