

greywater recycling

recycle - inside & out

Save Water & Money - recycle your household greywater NovaGrey provides real re-use options

Recycle domestic grey water into and around the house.

Designed and manufactured by WaterGurus in Australia, NovaGrey Domestic Recycling System uses Membrane-Safe technology to recycle household grey water to a safe and pure re-usable quality. While rainwater tanks are effective and important when it rains, households generate grey water every day, providing options for new home owners and those looking to help the environment.

NovaGrey can be installed in sewerred and non sewerred areas and save around 600 litres for the average household every day. This is especially important if water needs are provided by rainwater tanks, given many parts of Australia are experiencing reduced rainfall, even drought.

NovaGrey can save the average household 300,000 Litres of water every year.



**Make the Safe Choice
for your family**

About the System

NovaGrey is a streamlined domestic recycling system that can be neatly installed above ground, beside your house with minimal excavation. You can chose from four standard colours to match your house and landscaping. NovaGrey uses advanced membrane technology which acts as a barrier to ensure only pure and safe water passes through for re-use. The membrane pores are 5 times finer than bacteria, in fact 300 times finer than a human hair resulting in safe water for your family.

Recycled Water Uses

Novagrey produces high quality recycled water suitable for;

- | Toilet Flushing
- | Use in the Laundry
- | Washing your car and external hosing
- | Above & Below ground garden irrigation



NovaGrey is proudly supported by a national network of certified distributors and trained service agents.

For more information

1300 668 225

www.waterguson.com.au

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How NovaGrey Recycles WasteWater for whole of house use



novagreyTM
WATER RECYCLING
The Safe Choice System



First Steps

Grey water from the house flows into a 330L collection well. This is the only part of the process that needs to be installed in the ground. The Collection well is designed to overflow to sewer or treatment system in the case of a very high peak flow.

On demand, the NovaGrey Recycling System activates a pump in the collection well, transferring the untreated grey water up into the Primary Chamber of the NovaGrey treatment unit.

Aeration & Filtration Disinfection

Once in the Primary Chamber, the waste water is treated through constant aeration stimulating the biological process to breakdown any organic waste, the first part of the NovaGrey treatment process.

The Primary Chamber acts as a membrane bioreactor and houses the 'flat sheet' membranes unique to NovaGrey. The partially treated grey water is then drawn through the seven submerged membranes each with a pore size of .2 micron average. The pore size is 300 times finer than a human hair allowing the membrane to perform as a physical barrier ensuring only pure, safe water passes through.

In the final step of the disinfection process, the clean water passes through UV treatment to complete the double barrier disinfection process and make the water safe for internal re-use.

Recycled Water ready for use

The clean water once treated with UV is transferred from an internal pump out chamber to the re-use tank ready for household or garden re-use. The size of the tank depends on local or state regulation.

Water Quality and Regulations

NovaGrey achieved the highest category of treated water during 9 months of trialling to achieve Australian Standard Certification. The amount of storage acceptable and re-use options varies from State to state and sometimes council to council.

WaterGurus State Managers can provide more detail on local regulations. Call 1300 668 225 for the contact detail of your local manager.

The NovaGrey Difference

- Proven & reliable membrane technology
- Chemical Free process
- Odour Free
- Lightweight Easy to Install
- Quiet & Economical
- A range of colours

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