

The best solution for clean, safe drinking water in hard to access areas ...

Many locations suffer from a lack of clean, safe drinking water and high costs, hard to reach areas together with power requirements are barriers to providing solutions to the problem.

Until now.

The AquaSentry is a **low-cost, lightweight** and **portable** water filtration unit that requires no energy input ... giving you simple, affordable, clean drinking water – wherever you are.

Many applications:

Remote Communities

Remote communities, villages, schools and health clinics can now have access to safe drinking water and hygienic hand-washing water.

Farming Properties

Water from dams, creeks, springs and waterholes can be transformed into drinking water for farming households and workers.

Exploration Camps

Remote sites, work camps and travellers now have clean water when and where they need it. The Aquasentry can also be packed and stored away ready for use at another location when needed.

Water Treatment Plants

Multiple AquaSentry units can be set up in banks of units where high volumes of water are required.

Pre-Treatment

The AquaSentry can be setup as a pre-treatment device for reverse osmosis, nano-filtration and other water treatment operations to reduce loading and prolong life.



AquaSentry™
ULTRA-FILTRATION UNIT

Produces up to 10,000 litres of drinking water each day ... and the filter does not need replacing

The AquaSentry filter module is designed to last for years providing the unit is maintained regularly.

QUICK SPECIFICATIONS

Unit Weight 12 kg
Height 140cm
Diameter 18cm

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Patented Technology
MADE IN AUSTRALIA

Simple, affordable, clean drinking water wherever you are



Remote Communities

Exploration Camps

Farming Properties

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AquaSentry™
UF WATER FILTRATION UNIT

How does the AquaSentry work?

The technology is simple.

The operation is simple.

The results are outstanding.

The AquaSentry uses thousands of tiny, hollow fibres to filter out contaminants and produce clean, safe water in 3 simple steps:

1. Raw water in

Raw water flows into the AquaSentry at low pressure using only gravity from an overhead tank or from a pump fitted with a pressure reducing device

2. Filtration

The untreated water passes through thousands of tiny, hollow fibres in the internal filter module. Contaminates are trapped in a maze of microscopic pores while clean, clear water filters to the inside of the fibres.

3. Clean water out

Clean water - free of contaminants - is produced and stored in tanks or piped to household or commercial supplies.



What contaminates does the AquaSentry remove?

- ✓ Turbidity
- ✓ Protozoa
- ✓ Bacteria
- ✓ Pathogens
- ✓ Parasites
- ✓ Viruses

**Does not remove saline or dissolved chemicals or minerals.*

Meets World Health Organisation (WHO) Protocols for drinking water standards.

The AquaSentry operation is simple and hassle-free to setup and maintain!

Quick Set-up

Simple step-by-step instructions are included with the AquaSentry and no technical skills are required to operate the unit. The AquaSentry can be wall-mounted or setup on feet supplied. Multiple AquaSentry units can also be setup and linked together for high volume water production.

The AquaSentry is ready to start producing clean water immediately after setup.

Easy Cleaning

Simply shut off water production and agitate the cleaning handles on top of the unit back and forth by hand for 1 minute. This shakes the contaminants free from the filter fibres leaving them clean and ready to use. The backwash water is flushed away.

Once every month add 2 teaspoons of chlorine to the AquaSentry and let the fibres soak for an hour - this dissolves any accumulated contaminants. Flush the chlorine solution away to start producing clean water again.

Best of all, the AquaSentry filter is built to operate for years without replacement filters providing the unit is maintained properly.



The AquaSentry water filtration unit is the right solution ...

The AquaSentry is an affordable, simple solution for producing drinking water in remote locations while overcoming the limitations of most other water filtration methods for both domestic and commercial use because it is:

- ◆ Simple setup
- ◆ Chemical-free
- ◆ Manually operated
- ◆ Low-cost
- ◆ Transportable
- ◆ High-volume

Domestic Use

The AquaSentry can be used to provide clean, safe water for drinking and other uses including cleaning, cooking and washing. If your home is supplied by ground water (well or cistern) or surface water (lake or river), the AquaSentry is an ideal water filtration solution for you.

Commercial Use

The AquaSentry is a perfect solution for supplying drinking water to remote locations or communities.

It can also be used for supplying clean drinking water to water kiosks, point-of-sale bottled and bulk water production, water distribution networks, mobile water vendors and portable water treatment operations.

The AquaSentry is suitable for other applications such as a pre-treatment for reverse osmosis.

The AquaSentry gives you simple, affordable, clean water – wherever you are.

For more information about the AquaSentry, please contact:

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