

The best solution for domestic and commercial clean drinking water in hard-to-access areas

Large parts of our world suffer from not having access to pure, clean drinking water. **High costs, hard-to-reach locations and power requirements** are barriers to providing solutions to the problem.

Until now.

The AquaSentry is a **low-cost, lightweight and portable** water purification unit that requires no energy input. That means you really can have “simple, affordable, clean drinking water – wherever you are in the world”.

Remote Communities

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

Farming Properties

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

Exploration Camps

Remote commercial sites, work camps and industrial projects can have clean water when and where they need it – then the AquaSentry can be easily packed away, stored or taken to another location.

Water Treatment Plants

The AquaSentry can be set up as a bank of units to treat high volumes of water.

Pre-Treatment

Reverse Osmosis, nano-filtration and other water treatment operations can reduce their loads by using the AquaSentry to pre-treat the water.

10,000 liters
of drinking water
each day and the
filter module
never needs
replacing

AquaSentry

WATER PURIFIER

aqua
SOLUTIONS

7/35 Township Drive
Burleigh QLD 4219
Australia

Phone +61 7 55 355 773
Mobile +61 418 156 617
Fax +61 7 55 355 772
info@aquasolutionsweb.com

www.aquasolutionsweb.com

“simple, affordable,
clean drinking water –
wherever you are
in the world”



Remote
Communities

Exploration
Camps

Farming
Properties

Water Treatment
Plants

Pre-Treatment

aqua
SOLUTIONS

AquaSentry

WATER PURIFIER

www.aquasolutionsweb.com

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, pure, safe water in 3 simple steps:

1. Raw water in

Raw water flows through the AquaSentry at low pressure using only simple gravity force usually by overhead tanks. Pumps and mains pressure with pressure reducing devices can also be used.

2. Filtration

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

3. Clean water out

The clean water - free of contaminants - runs down the inside of the fibres to a collection canister. It can then be stored in tanks and connected to taps or be piped to household or commercial supplies.



What contaminates does the AquaSentry remove?

turbidity pathogens protozoa parasites viruses bacteria

*Does not remove saline or dissolved chemicals or minerals.

Not only is the operation of the AquaSentry simple, its set-up and maintenance are hassle-free, too.

Set-up

Step-by-step instructions included with the AquaSentry require no technical skills or knowledge. The units can be wall-mounted or freestanding and can also be set up as a bank of units for high volume water requirements.

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

Maintenance

Simply shut off water production and agitate the cleaning handles back and forth by hand for **1 minute a day**. That shakes the built-up contaminants free from the filter fibres and makes them clean and ready to use again.

Every couple of months, add 2 teaspoons of chlorine to the AquaSentry and let the fibres soak in it for an hour. That dissolves any accumulated contaminants. Flush the chlorine solution away and start to producing clean water again.

Best of all, the AquaSentry filter module is built to last a lifetime and **never needs replacing**.



Is the AquaSentry water purification unit the right solution for you?

Do you need a simple, affordable way to produce clean water in a remote location? The AquaSentry overcomes the limitations of most other water purification methods for both domestic and commercial use because it is:

- ◆ Simple
- ◆ Chemical-free
- ◆ Transportable
- ◆ Low-cost
- ◆ Manually operated

Domestic Use

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

Commercial Use

If you are responsible for supplying purified water to remote communities or locations, the AquaSentry is a perfect solution.

The AquaSentry is ideally suited for clean, safe water supply through water kiosk operations, point of sale bottled and bulk water ventures, water distribution networks, mobile water vendors and portable water treatment outfits.

The AquaSentry is also effective, used as a primary water treatment system, for making high end water refinement processes like reverse osmosis and desalination much more cost effective.

Let us help you to have simple, affordable, clean water – wherever you are in the world

For more information about the AquaSentry or to obtain specification sheets, operating instructions and other manuals, please contact:

7/35 Township Drive, Burleigh QLD 4219, Australia

Phone +61 7 55 355 773

Mobile +61 418 156 617

Fax +61 7 55 355 772

info@aquasolutionsweb.com

www.aquasolutionsweb.com