



## ... a snapshot



### What sets us apart

Our organisation is structured and staffed to offer our clients and customers the highest quality products and ethics our industry can provide. We're very proud of what we do and how we do it. It's our mission that this is reflected to you.

### What is Solution Providing?

As well as our standard range of products we offer professional 'Solution Providing' for applications that require specific solutions tailored to your needs. This service is backed up with analytical laboratory testing, microbiologists, hydrologists and engineers.

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## Under Sink Point of Use Systems

### MAINS, RAIN OR BORE WATER

#### Health Guard™ 100

Our value for money system for the cost conscious that removes sediment and chlorine that greatly improves the taste. This twin cartridge process delivers 'filtered' not 'pure' water to a separate faucet on your kitchen sink. Beware that no twin cartridge filtering system will deliver 'pure' water. Neatly installed into your mains water plumbing under the sink, the quality water it produces for the cost is a very effective solution toward the goal of drinking higher quality water.

#### Rain Guard™ 100

A unique adaptation of the Health Guard 100 configuration but with different filtering elements within the housings. Specifically designed for rainwater and the contaminants predominantly contained and suspended in it: things such as faecal matter, lead, dirt and silt, pesticide, herbicides even rotting vegetable and animal matter. This system offers some options depending on the extent to which you need to remove contaminants from your rainwater. A pumped rainwater supply is required with at least 200 kpa of pressure.



#### Pure Brilliance™ 100

Our top-of-the-range five stage water purification system which produces water with an absolute zero PPM (parts per million) count of TDS (Total Dissolved Solids). Most Reverse Osmosis water systems generally produce water at around 15 to 20 PPM of TDS. It also removes just about all things that aren't H2O. Ask for a Fact Sheet if you're interested in the fine details, the list is quite impressive. By the way, there is no medical evidence at all that says Reverse Osmosis filtered water actually leaches good salts and minerals from our bodies. And the waste water from this system is a lot less than some would have us believe. It's not actually waste either, it can be headed off to be used for all sorts of applications like watering plants.

#### Rain Guard™ MAX (World wide patent pending)

Have you got a rainwater tank? Are you reluctant to drink your rainwater because you think about what's in it or what you can already see in it? This innovative product makes everyday rainwater a lot safer by using a pressure sensitive pump, UV sterilisation technology to kill all bacteria and viruses. It uses sub micron treated carbon block filtration to remove dead carcasses and protozoa, eg; Giardia, Cryptosporidium. The Fact Sheet has a more detailed list which is a quite impressive read. It's all part of a unique and innovative processing system aimed at transforming the most natural of water back into it's natural form.

### UNDER SINK SYSTEMS



## Combo Systems

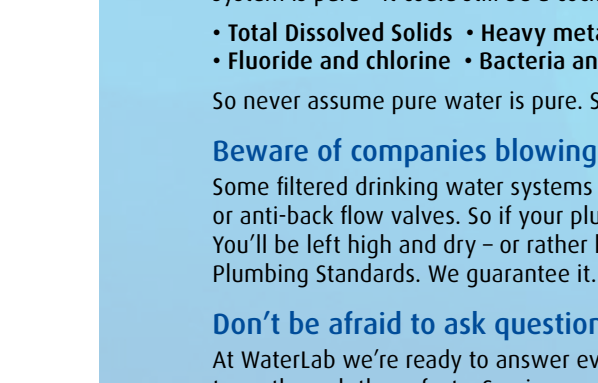
**Total peace of mind**, a 'Whole of House' filtering system PLUS a Pure Brilliance 100 top of the range purification system installed in your kitchen for all your drinking and cooking water.

The 'Whole of House' filtering unit produces vastly improved water quality for everything you use water for in your household. Combined with a Pure Brilliance 100 system which produces water with an absolute zero count of Total Dissolved Solids, you really *are* creating a sanctuary with one of our most vital life supporting elements in your home.

Combinations can be configured with any of our 'Whole of House' systems depending on your water source supply/ies, whether mains, rain or bore water.



### COMBO SYSTEMS



#### Water: How to filter the facts

We all want better drinking water. It's only natural. What we don't want is to be misled or deceived. So it's time someone filtered out the facts about filtered and pure water. Firstly there are three important issues you need to know:

1. There is no set definition of pure water.
2. Some drinking water systems don't meet Australian Plumbing Standards.
3. The filtered water industry in Australia is largely unregulated and unlegislated.

#### Pure or just filtered. What's the difference?

Because there is no definition and no compliance obligations for the term 'filtered water,' you can literally pour tap water through a sieve and legally call it 'filtered'. Some unscrupulous companies take advantage of the current lack of regulations. At WaterLab, we tell you exactly what our systems remove from your tap or rain water - whether it be our filtered systems or our pure water systems. Our pure water systems provide you with an absolutely zero 'Parts per Million' count for 'Total Dissolved Solids' (TDS) water. We're more than happy to prove this claim with third party/independent test results.

#### How some water companies get away with misleading you

Unfortunately the filtered water industry is largely unregulated. At WaterLab we're leading the way to change all that so that every company is accountable. But meanwhile you need to be aware that when a company tells you its filtered water system is pure - it could still be a cocktail of inclusions like:

- Total Dissolved Solids
- Heavy metals such as; cadmium, mercury, lead and zinc
- Pesticides and herbicides
- Fluoride and chlorine
- Bacteria and protozoa like giardia and cryptosporidium

So never assume pure water is pure. Seek the facts on what's left in the water. It's as important as what's taken out.

#### Beware of companies blowing up your plumbing

Some filtered drinking water systems don't meet Australian Plumbing Standards. They don't have pressure limiting valves or anti-back flow valves. So if your plumbing over pressurises and floods, your household insurance policy won't be valid. You'll be left high and dry - or rather low and very wet. Rest assured WaterLab's systems meet and even exceed Australian Plumbing Standards. We guarantee it.

#### Don't be afraid to ask questions

At WaterLab we're ready to answer every question. We have all the facts and figures and have all the time in the world to go through those facts. So give us a call, there's no obligation, our consultants aren't pushy and we won't lie to you.



## There's something in the water

Drinking unfiltered tap, bore and/or rain water can be dangerous to you and the health of your family. Take a positive step toward good healthcare today without affecting your lifestyle. Unfiltered water poses health risks to vulnerable people like pregnant women, babies, the elderly and those with chronic diseases. The long term effects (even for healthy people) are still not known. Medical studies show an alarming association between the toxic substances in all our water and the increased risk of liver, kidney or nervous system problems, even cancer. Chlorine is a germicide that kills harmful water-borne bacteria. But it has a down side. It has been linked to colon, rectal, bladder and prostate cancers. Chlorine also kills friendly bacteria in our intestine and colon. So if you're taking acidophilus supplements, every time you drink chlorinated water you're killing off those good bacteria you've been trying so hard to cultivate. Boiling water doesn't remove inorganic minerals or chemicals like chlorine either. In fact it can concentrate certain toxic metals. Currently, our water utilities add somewhere around 33 chemicals and additives to mains water. They freely state the benefits outweigh the disadvantages and we completely agree. However, these 'disadvantages' are medically proven to be just that. Why would you want to drink these 'disadvantages' when humanity now has the technology to remove them?

## Spring water's story

Use of the term 'spring' creates impressions of purity, freshness, and health giving qualities. Spring water's OK, it meets health standards and a lot of people have been drinking it for a long time. It is however simply a form of bore water labelled and marketed to sound nice. The only difference between spring and bore water is that spring water rises to the Earth's surface naturally and bore water has to be pumped to the surface. In most cases, particularly in Australia, it all comes from the Great Artesian Basin. This is the same water farmers use to water their livestock.

## Then there's the fluoride debate

Children raised on spring water are now presenting to dentists with much increased levels of tooth decay. Lack of fluoride in the water source has been directly linked with this! The jury is still out on the advantages and disadvantages of adding fluoride to our mains tap water for some of the following reasons:

- Fluoride is medically proven to protect teeth from decay
- After puberty it is of no benefit whatsoever
- Fluoride has been linked with carcinogens.

To us, common sense should prevail. If you have a filtered drinking water system that removes fluoride, or you predominantly drink spring water, and you have prepubescent children in your care, give them some fluoride supplements as well. Until the medical experts categorically come down with a verdict on one side of the debate or the other, we recommend prepubescent children have supplements of fluoride.

# Whole of House Systems

## MAINS, RAIN OR BORE WATER

WaterLab has devised and developed a range of systems which create a sanctuary of healthy living in your home by filtering all your water supply, either mains, rain or bore water. The most noticeable advantage is showering without chlorine. You'll see changes in your skin in days; in fact everything you do with water in your home will change. Soaps, shampoos, conditioners, cleaning products, detergents, clothes washing, plants even pets will all show benefits. Your home appliances will also last longer, hot water system, dishwasher, washing machine, iron, kettle, air conditioner, etc. All our 'Whole of House' systems comprise large high flow housings and filtering elements that result in minimal loss in flow rate and pressure. Rest assured that everything we do meets and exceeds Australian Plumbing Standards and all of our products and components are tested by credible independent third parties.

## Health Guard™ 200

Our 'Whole of House' high flow filtering system for mains water.

It's twin element sediment and 10 micron treated carbon block filters clean up everything you do with mains water in your entire household. You can even smell the difference. There's an option with this product for those who wish to upgrade to a much finer final filter that removes sub micron things like protozoa (giardia and cryptosporidium), bacteria, pesticides, herbicides and silt.



## Rain Guard™ 200

Are you predominantly on rainwater? Our Rain Guard 200 is specifically designed to remove the nasties that are usually apparent in rainwater. Again, high flow housings and filtering elements are used to minimise the loss of flow rate and pressure.



## Rain Guard™ 300

Our state-of-the-art 'Whole of House' filtering system which can be applied to, or switched between, the 3 major water supplies, mains, rain or bore. The triple stage filtration process is designed to maintain high flow rate and minimal pressure loss. It applies contaminant removal characteristics to a very broad spectrum of contingencies commonly found in the 3 main types of water supply.



## WHOLE OF HOUSE SYSTEMS

## Innovations

**WaterLab owns the patent** for a process which we developed specifically for the cleaning industry. The concept of cleaning with purified water, boasting an absolute zero count of TDS (Total Dissolved Solids), is gaining popularity around the world. No chemicals, no detergents, no drying or polishing. Best of all.. the process uses much less water than other methods. WaterLab also has a Patent Pending on a system for rainwater, the 'Rain Guard™ MAX'. The system kills and removes all sorts of nasties from gravity fed rainwater tanks with state of the art technology. Ask for a Fact Sheet, rainwater never was so safe!

**WaterLab is the founding member of AQWA** (Australian Quality Water Association). Water companies join this association if they wish to be bound by ethics to be a credible participant in our industry. Some operators still use misleading advertising, promoting systems which simply don't do what they say they do. Some systems don't even meet the minimum Australian Plumbing Standards; all because our industry is largely unregulated and unlegislated.

To become a member companies must conform to standards such as:

- No misleading advertising
- All systems must be tested and categorised by a credible independent third party
- Regular auditing by external bodies

If you're thinking of getting a filtered drinking water system, make sure the supplier is a member of AQWA.



# WaterLab®

Your Quality Solutions

- Water Filtration & Purification
- Mains, Rain & Bore Water
- Residential, Commercial & Industrial
- Analysis & Solution Providing
- AQWA Member