

EDEN HEALTH RETREAT, CURRUMBIN VALLEY

CASE STUDY



THE WATER CHALLENGE

Although Eden's water supply is beautiful natural spring water, as with all unfiltered water supplies, there is always the risk of contamination along the catchment area.

Being a 5 Star health resort Eden wanted its clients to have not only a healthy, chemical-free water supply they also needed to be sure that they had a layer of protection against bacteria in any drinking water.

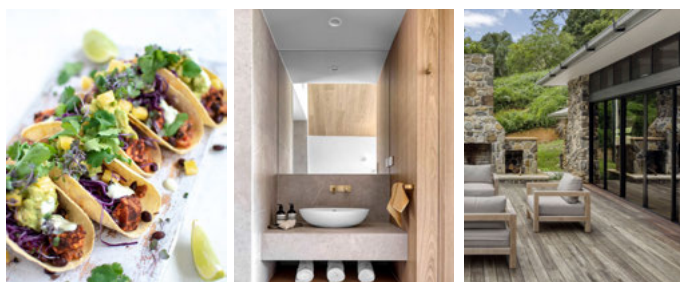
So the challenge is to ensure safe water without introducing chemicals throughout their many different accommodation units.

THE CUSTOMER

Eden is known for their personalised approach to relaxation and self care to restore vitality, health and wellbeing and are Australia's longest-running luxury health retreat.

Being alcohol and caffeine free, as well as a non-smoking retreat is what sets them apart. Their simple, restorative approach combined with organic, healthful meals and beautiful surroundings is designed to provide their guests with the best opportunity to step back into the world with a renewed sense of possibility and freedom.

Their lovely accommodation expands throughout their extensive property with only the best facilities with the accommodation water supply being fed by a local natural spring.



THE SOLUTION

After discussions with Eden's local Puretec dealer the solution to this issue was best met with a triple-stage filtration system for clearing out sediment, bad taste & odour and then a fourth stage for ultraviolet sterilisation to ensure the water was completely safe to consume.

1

Coarse Sediment Filtration.

As with any form of collection from a fresh water source supply, sand, dirt, rust and other large particles are easily mixed up into the water supply. This was best addressed with a PL Series pleated 5 micron filter cartridge.

2

Taste & Odour Removal.

Leaf matter in the water supply breaks down and leaches tannins into the water, causing it to taste bitter and give off bad odours. The CB Series 5 micron carbon block cartridge is effective in removing these bad tastes & odours as well as any chemicals.

3

Fine Sediment Filtration

It is important to filter water before treatment with UV to make sure that all suspended particles are removed. UV light is not a filter so microorganisms and suspended matter will not be removed from the treated water. In this final sediment filtration stage a premium PX Series polyspun 1 micron filter cartridge is used.

4

UV Sterilisation

The final stage is what makes the creek water safe to drink. Using Radfire™ technology, a natural purification process that's completely eco-friendly and chemical-free it kills 99.9% of bacteria in the water. Leaving pure, safe, great-tasting drinking water at every tap.

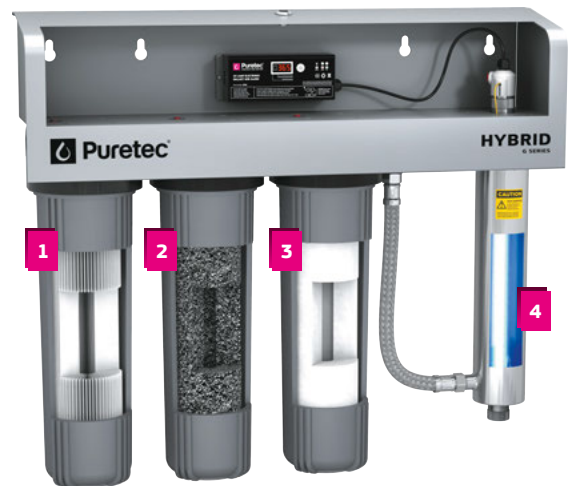
ACTION

Elevated cabins were fitted with Puretec Hybrid-G13 units and where installations were to be beside the accommodation a HybridPlus unit was installed.



HYBRID - G13

This system reduces sediment, chemicals including chlorine, bad taste, odour and is highly effective in eliminating bacteria and parasites in your water.

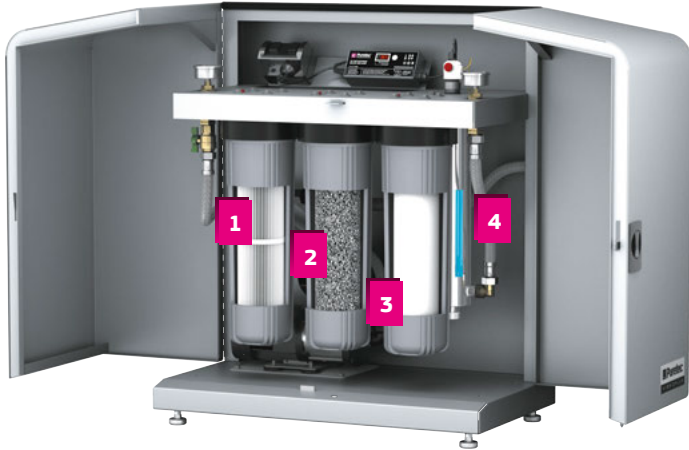


Suited to medium to large applications, these systems are designed for both mains and rainwater supply. This unit features a weather protection cover that is suitable for outdoor installation and an anti-tamper & childproof lockable lid. It incorporates an additional filtration stage for extra contaminant removal and capacity.



HYBRIDPLUS

The Puretec Hybrid Plus Series are an all-in-one filtration system including pump, 3 stage filtration and finishing with UV sterilisation. This sleek, practical and high-quality system ensures you have pressurised safe and delicious rainwater.



The patented HybridPlus system is designed to sit neatly against a wall, fence or tank, or can also be freestanding. It features a lockable cabinet with gull-wing style access doors for ease of access for maintenance and also incorporates adjustable feet to ensure a neat and tidy finished installation.

MAINTENANCE

As with any water purification product, regular maintenance is what keeps these systems performing at their best for years to come.

With both Hybrid Series systems this process is simple and can be completed in minutes - without tools.

THE RESULT

Eden no longer requires signs at its vanities and each cabin/unit now has pure, great-tasting water from every tap.

"We're really happy with the end result. Our guests love that the water comes from our natural spring and the added process that your Puretec system provides."

Chris Van Hoof, General Manager
(Eden Health Retreat)

Working together with a local Puretec dealer not only solved the issues but with attention to details, the assurance of the best possible result was given.

For all water treatment solutions/recommendations call our water specialists on **1300 140 140** (AU) **0800 130 140** (NZ).

