

## Ultraviolet Water Treatment Systems

Ultraviolet light, as used in sterilizers, is a specific wavelength of invisible light that destroys more than 99.8% of the most common disease causing organisms found in drinking water by disrupting the disease causing bacteria's DNA structure preventing their reproduction. This is an economical chemical-free system which is easy to maintain and install.

### Roof collected rainwater

A recent Massey University study of drinking water collected from home roofs found that more than half of 560 samples from private dwellings exceeded the minimal standards for contamination and 30% showed evidence of heavy faecal contamination. The 5 year study overturns the public belief that roof-collected rainwater was pure and safe to drink when the levels of contamination could lead to gastrointestinal diseases from pathogens including salmonella, campylobacter, giardia and cryptosporidium. More than 400,000 people depend on roof-collected rainwater for their drinking water especially those living on farms, lifestyle blocks or cribs that are not served by town water supplies.



### Ultraviolet system with filter – installed

System	Port Size	Filtration	Flow lpm	Lamp (watts)	Maintenance Indicators	Price ex gst	Price incl. gst
Underbench	1/4	1 x 5 micron sediment 1 x carbon block	8	14	N	\$706.65	\$795.00
Economical Whole House	3/4	1 x 25 to 1 micron sediment	45	39	N	\$1111.10	\$1250.00
Delux whole house	3/4	1 x 30 micron sediment 1 x 25 to 1 micron sediment	45	39	Y	\$1644.45	\$1850.00

**Note:** These prices include all necessary plumbing work to install the UV filter system into either a new home or existing home. Not included: ● any additional pipework to the system ● power to the UV (can be priced if required) ● travel to outside our 50km radius from the Invercargill boundary (\$1.00 per km)



- Kills 99.9% of bacteria and viruses
- Chemical-free process
- Pure & natural using the sun's energy
- Quality components including stainless steel UV chamber
- Components can be sold separately