

## Rain-water Treatment System

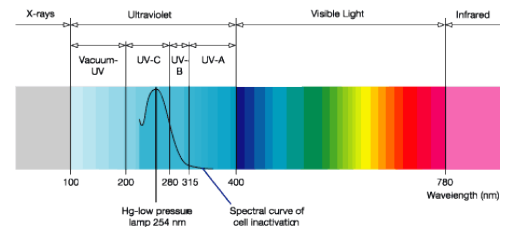
Filtration plus Ultraviolet Sterilisation



*For clean, clear water, with protection from bacteria, parasite & virus. Ideal for treating stored rain water.*

### Clean, safe, efficient, natural

Ultraviolet light is a natural component of the electromagnetic spectrum. It falls to the left of visible light with higher energy levels and wavelengths between 100nm and 400nm. One of the most effective wavelengths and the one most often used for disinfection is at 254nm. UV is often the preferred choice for its safety, effectiveness and its non-residual nature—UV light doesn't add any chemicals to your water. It's low energy consumption—less than a typical light bulb—makes it an efficient choice.



### One size does not fit all

A variety of systems are available to suit different applications and flow rates. Contact AQUACURE to discuss your requirements and for further information.

**AQUACURE UVF-SPV4**

## AQUACURE UVF-SVP4

'Whole of House' Rain-Water Treatment System

### Two-stage, extra large cartridge filtration:

**Stage 1, Sediment Filter** Double-length Maxi, Melt-blown Polyspun Depth Filter for reduction of sediment & suspended solids to 1µm (micron) nominal. **Stage 2, 0.5µm Carbon Filter** Double-length Maxi, 0.5µm nominal Activated Carbon Block Filter for reduction of taste, odour and cysts. Extra large "Double-length Maxi" filter cartridges (20" x 4.5") have a larger surface area and more capacity than equivalent length standard diameter cartridges (20" x 2.5"). This can reduce pressure loss and prolong service life between cartridge change compared to standard diameter (2.5") or single-length (10") filter cartridges. Stainless steel liquid filled pressure gauges on this model help to monitor cartridge performance, indicating (though low outlet pressure at nominal flow rate) when cartridges should be changed.

**Ultraviolet Steriliser:** Sterilight SPV series premium quality Ultraviolet Steriliser, 316L electro-polished Stainless Steel, with UVT sensor & micro-computer controller, including lamp life day count-down.

**Heavy Duty Mounting Board and Piping:** All equipment mounted on a solid panel with stainless steel bracket & screws, premium quality pipe, valves and fittings, and pressure gauges

**Operating parameters:** Suitable for normal residential use with clean rain water, post leaf-guards and 'first-flush' device. Inlet Pressure 250-600kpa at 1-30L/min · Please confirm suitability/compatibility with pump/pressure system prior to purchase. Must be installed in weather-protected location. ¾" (20mm) inlet/outlet, H900mm x W700mm x D300mm, 23kg dry weight. Requires one dedicated 240VAC 50Hz 10A power outlet. For other applications please contact AQUACURE to assess suitability. All specifications subject to change without notice.

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