



## UV Pure Ultraviolet Disinfection Systems - Hallett

### The UV system with unique Crossfire™ technology

The Hallett™ System incorporates a revolutionary design never before available in Australia and New Zealand for ultra violet water treatment. Cutting edge Crossfire technology operates differently from conventional UV treatment systems using a fail safe process that removes the risk associated with conventional UV systems - ensuring pure, safe water always.



levels of UV output for maximum pathogen deactivation. Computerized alarms, and an auto shut-off fail-safe valve are on board so you know only safe water can enter your water system

Hallett UV systems can be configured in parallel formation ensuring flow rates are met as required for each individual location - this means there is no need for a fully redundant system on standby. This saves money and makes regular maintenance extremely easy.

**Crossfire Technology is Self-Cleaning:** Crossfire Technology uses a stainless steel wiper to clean the inside of the quartz tube eliminating quartz fouling and the need for a water softener making abrasive quartz cleaning a thing of the past – saving money and the environment.

**Crossfire Technology is Virtually Maintenance Free:** Crossfire

technology utilizes two lamps mounted in air, outside the quartz tube so maintaining a Hallett is as easy as changing a light bulb with no system draining required.

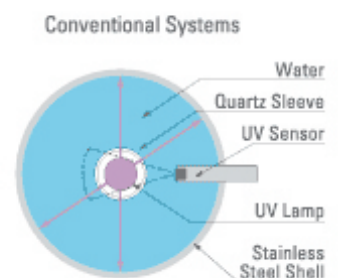
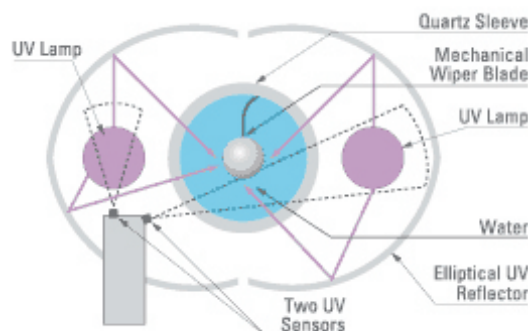
**Crossfire Technology is Easy to Install:** Crossfire technology employs flexible FIP for quick and simple installation.

Hallett™ 13 – for Residential applications, and Hallett 30 for Commercial Application is the world's only NSF/ANSI 55 Class A certified UV water purification device with patented Crossfire Technology™.

UV Pure's Hallett™ system for homes outperforms conventional systems by delivering the most effective UV dosage rates for removal of all pathogens including viruses, bacteria, cryptosporidium, giardia, & legionella. Hallett UV systems perform in parallel.

The Hallett ultra violet systems from UV Pure Technologies redefine the standard for ultra violet water purification. The systems unique design allows consistent delivery of the highest possible UV dose from the proprietary high-output lamps.

**Crossfire Technology is Risk Free & Fail-Safe:** Crossfire Technology uses dual smart UV sensors mounted in air, which cannot foul and are more reliable indicators of system performance. Lamps are air-cooled and maintain consistent





## UV Pure Ultraviolet Disinfection Systems - Upstream

### The UV system with unique Crossfire™ technology

The Upstream™ System builds on the revolutionary design available in the Hallett ultra violet water treatment range. Cutting edge Crossfire technology operates differently from conventional UV treatment systems using a fail safe process that removes the risk associated with conventional UV systems - ensuring pure, safe water always.

The Upstream™ ultra violet systems redefine the standard for ultra violet water purification. The systems unique design allows consistent delivery of the highest possible UV dose from the proprietary high-output lamps.



The Upstream™ has been laboratory tested to 40mJ/cm<sup>2</sup> dose at end of lamp life. All tests have been carried out at end of lamp life and at both 75% AND 50% UV transmittance.

The latest features to be included in the Upstream™ range include an automatic purge valve that ensures no fouling in low or no-flow conditions, automatic problem diagnoses and recording of events, front easy opening housing built of stainless steel, aluminium and impact resistant ABS plastic.

These new units open up the ability to disinfect water from a range of different sources, from deep wells to recycled grey water.

There are six models each based on required water flow rates and source water quality.

The Upstream™ ultra violet systems redefine the standard for ultra violet water purification. The systems unique design allows consistent delivery of the highest possible UV dose from the proprietary high-output lamps.