

Hallett UV Water Treatment Systems

AN EVOLUTIONARY LEAP

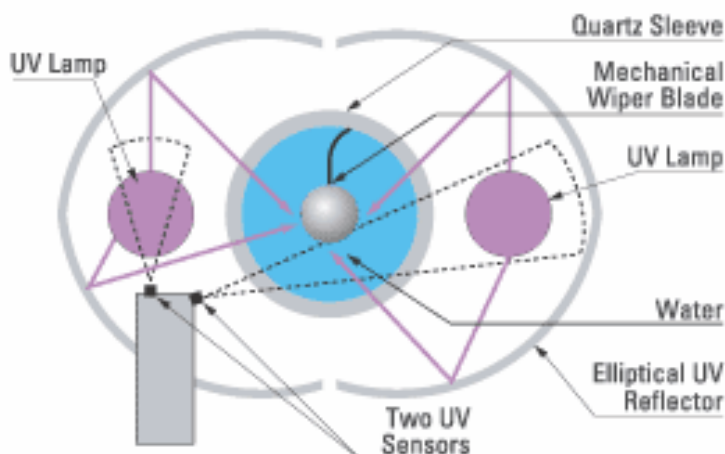
Hallett™ UV systems are the world's only NSF/ANSI 55 Class A Certified UV water treatment systems with patented Crossfire Technology.™

KEY BENEFITS OF CROSSFIRE TECHNOLOGY:

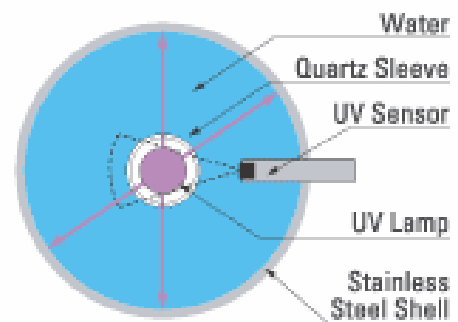
- * **MOST EFFECTIVE UV TREATMENT**
 - NSF/ANSI 55 Class A Certified
 - Elliptical reflectors - target and deactivate pathogens from 360°
 - Lamps air-cooled
- * **RISK FREE FAIL-SAFE ENGINEERING**
 - Dual smart UV sensors monitor UV output and water quality
 - Built-in microprocessor monitoring with visual & audible alarm notification
 - Automatic shut-off fail-safe solenoid valve – if the water is running, the water is safe
- * **SELF-CLEANING**
 - Automatic mechanical quartz cleaning system
 - Handles up to 50 grains of hardness
 - No water softener needed
- * **VIRTUALLY MAINTENANCE FREE**
 - Lamps mounted in air – easy to replace, no system draining required
- * **SIMPLE TO INSTALL**
 - Flexible stainless FIP connections for quick and simple installation
 - Compact size, installed vertically

CONVENTIONAL SYSTEMS HAVE RISKY PROBLEMS:

- * **INCOMPLETE UV DISINFECTION**
 - Inefficient use of UV light
 - UV Shadowing can occur enabling dangerous pathogens to escape UV rays entirely
- * **FALSE SENSE OF SAFETY**
 - Many lack proper sensors, alarms and fail-safe shut-off
- * **UV OUTPUT DROPS TO UNSAFE LEVELS**
 - Overheating occurs when there is no water-flow
 - Mineral build-up on quartz blocks UV output
 - Cold water drops UV intensity
- * **MAINTENANCE IS FREQUENT AND DIFFICULT**
 - Lamp replacement may require system drainage and removal of delicate quartz tube
 - Quartz cleaning usually required
 - Quartz breakage can leave pieces of sharp quartz inside reactor chamber
- * **INABILITY TO DIAGNOSE ALARMS**
 - One sensor monitors UV output, water quality, quartz fouling, sensor fouling making it difficult to determine cause of alarm, and alarm to occur more frequently as it is the sum of four problems



Conventional Systems



Pure, safe water.



Always.™