



UV Units Set In Floor

AQUAPOINT UV Ultraviolet Disinfection

UV Disinfection units are designed to destroy 99% of all organisms left in the waste stream after secondary or tertiary treatment. As water flows through the UV unit, electromagnetic energy is transmitted into the waste stream and penetrates the outer membranes of organisms. This process impairs DNA functionality, effectively killing the micro-biology in the wastewater.

UV has several advantages over chlorine disinfection. It eliminates the need to transport dangerous chemicals, perform complex operations and dechlorinate the waste stream. The only maintenance required for UV disinfection is the periodical cleaning of the quartz sleeves (protective material over the lamps) and replacing the lamps every 8,500 hours (annually).

Individual units can treat up to 500,000 gpd and can be installed in parallel to accommodate larger flows.

STANDARD FEATURES

- Stainless steel channel construction
- Built in water level control weir with removable drain plug
- NEMA control enclosures with lamp status and elapsed run time display
- Low pressure high output (HO) or amalgam lamp technology with 8,500 hour lamp life
- Small Footprint
- Minimal O&M requirements

OPTIONAL FEATURES

- Ultraviolet (UV) intensity monitoring
- Cleaning racks and tanks
- Complete standby spare modules



www.aquapoint.com