



# Ultra Violet Disinfection

UV disinfection in water uses ultraviolet light to eliminate harmful microorganisms, such as bacteria and viruses, by disrupting their DNA, providing a chemical-free method of ensuring safe, clean water.

# SovereignSafe UVs

## Advanced UV Water Sterilizers for Safe, Clean Water

### Description:

The SovereignSafe UV range by Sovereign Water Systems delivers cutting-edge UV disinfection technology, ensuring safe and purified water for residential, commercial, and industrial applications. Featuring three models—SS-360, SS-480, and SS-720—these systems utilize powerful UV light to eliminate harmful microorganisms such as bacteria, viruses, and protozoa, providing chemical-free water disinfection.

Each model is equipped with high-quality stainless steel housing for durability and designed to integrate seamlessly into water treatment systems, delivering superior disinfection while maintaining optimal flow rates. The SovereignSafe UVs are ideal for businesses and industries seeking reliable, low-maintenance water sterilization solutions.

### Key Features:

- Key Features Across All Models:
- UV Disinfection Technology: Destroys harmful microorganisms by disrupting their DNA, ensuring safe, disinfected water without chemicals.
- Durable Construction: Built with stainless steel housing, offering corrosion resistance and long-lasting performance.
- High Flow Rates: Supports a range of flow rates, making them suitable for various applications.
- Compact Design: Designed for easy installation and integration into existing water treatment systems.

#### SS-360 UV Water Sterilizer (SovereignSafe SS-360)

- Flow Rate: Up to 1.32 m<sup>3</sup>/hour

#### SS-480 UV Water Sterilizer (SovereignSafe SS-480)

- Flow Rate: Up to 1.82 m<sup>3</sup>/hour

#### SS-720 UV Water Sterilizer (SovereignSafe SS-720)

- Flow Rate: Up to 2.72 m<sup>3</sup>/hour

