TOC Reduction

Aquafine Corporation High Performance Ultraviolet Systems

Aquafine TOC reduction systems can be found the world over, in critical micro-electronic and pharmaceutical applications where meeting stringent criteria of the cGMP and full acceptance by the FDA are mandatory.

Used effectively as a system for the reduction of organics, commonly referred to as TOC (total oxidizable carbon), Aquafine utilizes ultraviolet light in a 185nm wavelength. This energy promotes the formation of free radicals, leading to the oxidation of organics into CO_2 and H_2O and is more powerful than the 254nm used in disinfection applications.

Efficient in high volume - ultrapure, waste or reclaim applications, Aquafine TOC systems have the flexibility to serve indoor or outdoor installations and are also available in modular skid designs. Aquafine ultraviolet systems are a safe and effective alternative for TOC destruction, providing low maintenance costs and utilizing non-toxic UV light with minimal by-products.

For advanced design, technology and cost efficiency, the most recognized names in industries today rely on Aquafine. Aquafine, a pure and simple solution, for pure and simple water.

- *Life Sciences*
- *Microelectronics*
- *Food & Beverage*
- *Special Applications*

Advantages

- *Smaller Footprint*
- *Modular Skid Designs*
- *Lower Operational and Maintenance Costs*
- *Engineered to Meet or Exceed < 1ppb TOC Specifications*
- *Application Specific Reactor Design*
- *Environmentally Friendly, Low Mercury Lamps*
- *UV Vision-2000™ Series Microprocessor Controllers*

SCD H 1450

SCD H Series Skidded System

Aquafine® Corporation

A TROJAN TECHNOLOGIES COMPANY

For more information, please contact Aquafine at 661-257-4770

ISO 9001:2000 Certified

TSG 160E-07