

LITE
Series



PRO-A
Series



APPLICATION

Potable waters

Microbial control

UV Disinfection system which can destroy 99.99% of the bacteria present in raw water.

Process Water

Chlorine and Chloramines reduction.

Laboratory & Medical Facility Water

Microbial control UV system included as part of the disinfection solutions in medical devices

Semiconductor

Total Oxidizable Carbon (TOC) reduction

Food & Beverages

UV system can be used to remove Ozone typical introduced during sanitization process

Cooling Towers & Fountains

UV Disinfection system can control the proliferation of Legionella bacteria and algae

H-UV Disinfection System, LITE & PRO A series

Offers a reliable, chemical free, and economical way to safeguard our water against harmful micro-organisms, (namely *Cryptosporidium* and *Giardia*) and environmental contaminants which exist in trace concentration in surface water source and underground water source.

H-UV Disinfection System LITE series

Designed to be compact with a small footprint suitable for low flow indoor application such as whole house and point of use. (0.2 m³/hr to 2.7 m³/hr)

H-UV Disinfection System PRO A series

Provides much flowrate ranging from 0.5 m³/hr to 11.8 m³/hr. It is equipped with a UV ballast controller. The controller has an audible system which function as lamp replacement reminder to ensure the quality of water is not compromised and a digital display countdown timer.

Standard Features

- **Stainless steel chamber**
- **Easy opening & closure kit with grooved couplings**
- **Threaded plumbing connections for low flow series**
- **Visual power "On"**
- **Flange end connection for high flow series**
- **High output germicidal lamps**

Advantages

- **Easy installation**
- **Efficient design & Simple operation**
- **Robust construction**
- **Low maintenance**
- **Provides effective reduction in suspended solids**
- **Easy access for servicing**

Operating Parameters

- **Max Operating pressure:**
 - 120 psi (8.16 bar)
- **Ambient water temperature**
 - 2-40°C
- **Iron : <0.3 ppm**
- **Turbidity : < 1NTU**
- **Installation :**
 - vertical or horizontal