

UVD1200

Advanced Ultraviolet Water Disinfection



The *UVDynamics model UVD1200* is applicable for general disinfection in smaller commercial / industrial applications. Ultraviolet (UV) water disinfection protects against waterborne micro-organisms and is effective against Giardia and Cryptosporidium without the use of chemicals. The *UVDynamics model UVD1200* was designed using sophisticated computer modeling software and then verified by independent third party testing using accepted biosimetry methods by GAP EnviroMicrobial Services.



www.gapenviro.com



The microprocessor controlled UV power source is designed for long life and includes both visual and audio lamp failure alarms as well as an annual lamp change timer. Our proprietary UV power source and modern manufacturing methods allow us to make this product available at a very competitive price.

We include as a standard feature an isolated low voltage solenoid drive output. Our optional solenoid valves simply plug into the unit and require no additional interface cables or transformers to complete the solenoid safety shut off feature.

Note 1 - 16mj/cm² Dose is suitable for reducing nonpathogenic nuisance organisms only. Disinfection chamber hydraulic performance may limit maximum flow rate.

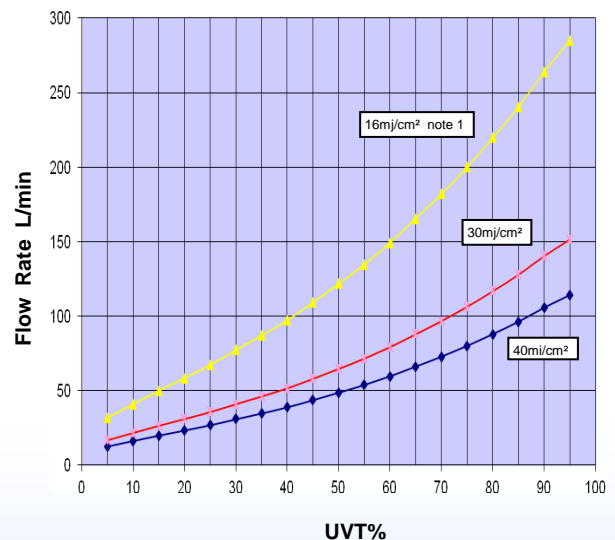
Note 2 - Performance curves developed with multi-point summation methods from 40mj/cm² @ 113 litre flow performance data

Product specifications are subject to change without notice.

PRODUCT FEATURES

- ◆ Flow rate of 40gpm (151L/min) delivers UV dose of 30mj/cm²
- ◆ Flow rate of 30gpm (113L/min) delivers UV dose of 40mj/cm²
- ◆ Passivated and polished 304 stainless steel reactor 3.5" x 50.5", manufactured from A249 pressure rated tube
- ◆ 9000hr long life coated UV lamp
- ◆ Microprocessor controlled UV power source with audible and visible lamp failure alarms
- ◆ **True Lamp Current** closed loop current control
- ◆ Annual lamp change timer
- ◆ Lamp life remaining feature
- ◆ 1" MNPT fittings
- ◆ **No Tools** required for regular servicing
- ◆ **Easy-service** lamp connector
- ◆ **Optional** Solenoid valve
- ◆ **Optional** UV monitor system

UVD1200 Performance Curves note 2



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