

# UVD485

## Advanced Ultraviolet Water Disinfection



The *UVDynamics model UVD485* is applicable to point of entry applications in today's larger homes and cottages. The *model UVD485's* 30mj/cm<sup>2</sup> dose at 16gpm is ideal for general disinfection. The compact mounting footprint of the *UVDynamics model UVD485* facilitates installation. The *UVDynamics model UVD485* was designed using sophisticated computer modeling software and then verified by independent third party testing using accepted biosimetry methods by GAP EnviroMicrobial Services.



[www.gapenviromic.com](http://www.gapenviromic.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.

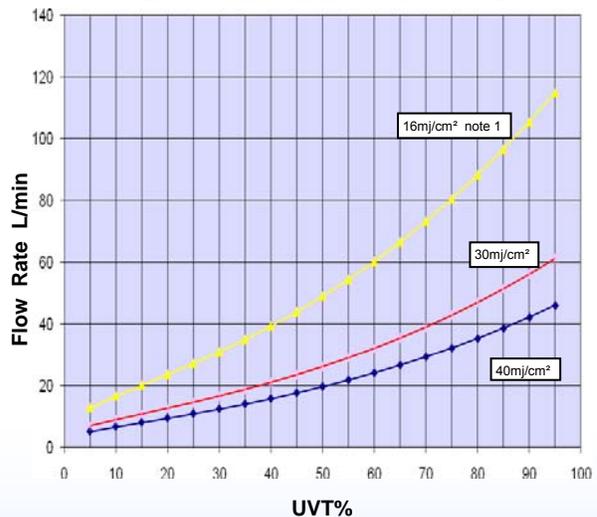
Note 1 - 16mj/cm<sup>2</sup> Dose is suitable for reducing nonpathogenic nuisance organisms only. Disinfection chamber hydraulic performance may limit maximum flow rate.

Note 2 - Performance curves developed with multi-point summation methods from 40mj/cm<sup>2</sup> @ 37 litre flow performance data

### PRODUCT FEATURES

- ◆ Flow rate of 16gpm (60L/min) delivers UV dose of 30mj/cm<sup>2</sup>
- ◆ Flow rate of 12gpm (45L/min) delivers UV dose of 40mj/cm<sup>2</sup>
- ◆ Passivated and polished 304 stainless steel reactor 3.5" x 24.25"
- ◆ 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
- ◆ Domed quartz sleeve to simplify servicing
- ◆ **No Tools** required for regular servicing
- ◆ **Easy-service** lamp connector
- ◆ **Optional** Solenoid valve
- ◆ **Optional** UV monitor system

UVD485 Performance Curves note 2



[WWW.UVDYNAMICS.COM](http://WWW.UVDYNAMICS.COM)

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