



UVD1000

ultraviolet water disinfection system

KEY FEATURES

- Easy-service lamp connector simplifies maintenance - no tools required.
- Microprocessor controlled power source includes audible and visible lamp failure alarms, lamp life remaining feature, and annual lamp change timer.
- UV lamps are USA manufactured with a long-life coating; rated for 9,000hrs.
- Disinfection chambers are welded in Canada using 304 stainless steel.
- Power sources and chambers are designed and manufactured in Canada.
- Solenoid valve compatibility for automatic shut-off during alarm conditions.
- Optional model available: UVD1000/S with UV intensity monitor (Calibrated at 40 mJ/cm²) .

OVERVIEW

The UVD1000 is suitable for higher-flow, whole-house point-of-entry applications in larger modern homes, as well as light commercial or small industrial settings. The 30mJ/cm² dose of the UVD1000 at 33gpm is ideal for general disinfection.

The UVD1000 system was designed using sophisticated computer modeling software, and then verified by independent third-party testing using accepted biodosimetry methods by GAP EnviroMicrobial Services.

PRODUCT SPECIFICATIONS

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|-----------------------------------------|----------------------------------------|
| Flow Rate - 16mJ/cm²: | 62gpm (235L) (14.1m ³ /hr) |
| - 30mJ/cm²: | 33gpm (125L) (7.5m ³ /hr) |
| - 40mJ/cm²: | 25gpm (94L) (5.7m ³ /hr) |
| Shipping Weight: | 16lbs |
| Chamber Dimensions: | 37" (94cm) x 4" (10cm) |

* 16mJ/cm² dose is suitable for reducing non-pathogenic nuisance organisms only.
 Disinfection chamber hydraulic performance may limit maximum flow rate.

Specified flow rates assume input water with 95% UVT

† Chamber dimensions do not include side ports or maintenance headroom. For dimensional drawings, please contact the factory.

| | |
|--------------------------------|------------------------|
| Inlet/Outlet Port Size: | 1" MNPT |
| Max Operating Pressure: | 100psi (6.9bar) |
| Water Temperature: | 4 - 37°C (40-99°F) |
| Power Consumption: | 96 watts |
| AC Supply Voltage: | 120V or 240V (47-63Hz) |

THE WARRANTY

UVDynamics water disinfection systems are supported with a 'free from defects' Workmanship and Material warranty:

- Ten year prorated warranty on the stainless steel disinfection chamber
- Three year warranty on the UV power source
- One year warranty on UV lamps, sleeves, sensor, and solenoid conditions apply, contact manufacturer for details



Systems* tested and certified by IAPMO against:

NSF/ANSI 61 (materials safety only)

NSF/ANSI 372 (lead free compliance)

CSA-B483.1

*visit iapmo.org for model information