



# UVD600

## 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: UVD600/S with UV intensity monitor (Calibrated at 40 mJ/cm<sup>2</sup>).

### OVERVIEW

The UVD600 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/cm<sup>2</sup> dose of the UVD600 at 20gpm is ideal for general disinfection.

The UVD600 system was designed using sophisticated computer modeling software, and then verified by independent third-party testing using accepted biososimetry methods by GAP EnviroMicrobial Services.

## PRODUCT SPECIFICATIONS

<b>Flow Rate - 16mJ/cm<sup>2</sup>:</b>	37gpm (140L) ( 8.4m <sup>3</sup> /hr )
<b>- 30mJ/cm<sup>2</sup>:</b>	20gpm (75L) ( 4.5m <sup>3</sup> /hr)
<b>- 40mJ/cm<sup>2</sup>:</b>	15gpm (57L) ( 3.4m <sup>3</sup> /hr)
<b>Shipping Weight:</b>	13lbs
<b>Chamber Dimensions:</b>	37" ( 94cm ) x 3.5" ( 9cm )

<b>Inlet/Outlet Port Size:</b>	1" MNPT
<b>Max Operating Pressure:</b>	100psi (6.9bar)
<b>Water Temperature:</b>	4 - 37°C (40-99°F)
<b>Power Consumption:</b>	67 watts
<b>AC Supply Voltage:</b>	120V or 240V (47-63Hz)

\* 16mJ/cm<sup>2</sup> 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.

### THE WARRANTY

UV Dynamics 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