



UVD800

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: UVD800/S with UV intensity monitor (Calibrated at 40 mJ/cm²).

OVERVIEW

The UVD800 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 UVD800 at 26gpm is ideal for general disinfection.

The UVD800 system was designed using sophisticated computer modeling software, and then verified by independent third-party testing using accepted biosimetry methods by GAP EnviroMicrobial Services.

PRODUCT SPECIFICATIONS

Flow Rate - 16mJ/cm²:	50gpm (189L) (11.3m ³ /hr)
- 30mJ/cm²:	26gpm (98L) (5.9m ³ /hr)
- 40mJ/cm²:	20gpm (75L) (4.5m ³ /hr)
Shipping Weight:	14lbs
Chamber Dimensions:	37" (94cm) x 3.5" (9cm)

* 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:	67 watts
AC Supply Voltage:	120V or 240V (47-63Hz)

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