



UVD605E

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.

OVERVIEW

The UVD605E is applicable to point of entry applications in today's larger homes and cottages. The 30mJ/cm² dose of the *UVD605E* at 20gpm is ideal for general disinfection. The compact mounting footprint facilitates installations where space is limited.

The *UVD605E* system was designed using sophisticated computer modeling software, and then verified by independent third-party testing using accepted biosafety methods by GAP EnviroMicrobial Services.

PRODUCT SPECIFICATIONS

Flow Rate - 16mJ/cm²:	37gpm (140L) (8.4m ³ /hr)
- 30mJ/cm²:	20gpm (75L) (4.5m ³ /hr)
- 40mJ/cm²:	15gpm (57L) (3.4m ³ /hr)
Shipping Weight:	10lbs
Chamber Dimensions:	24.25" (62cm) 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:	63 watts
Lamp Consumption:	49 watts
Lamp Output:	14.7 watts UVC
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