



UVD245E

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
- Reactor chambers are welded in Canada using 304 stainless steel.
- Power sources and chambers are designed and manufactured in Canada.
- PEX compatible 3/4" MNPT GloGuard™ ports speed installation.

OVERVIEW

The *UVD245E* system is suited to point of entry installation in homes and cottages with lower water demands. The 30mJ/cm² dose of the *UVD245E* at 8gpm is ideal for general disinfection. The compact mounting footprint is ideal for a range of applications including whole-home, under the sink, and OEM utilizations.

The *UVD245E* 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:	15gpm (57L) (3.4m ³ /hr)
- 30mJ/cm²:	8gpm (30L) (1.8m ³ /hr)
- 40mJ/cm²:	6gpm (23L) (1.36m ³ /hr)
Shipping Weight:	7lbs
Chamber Dimensions:	14.5" (37cm) x 4" (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:	3/4" MNPT
Max Operating Pressure:	100psi (6.9bar)
Water Temperature:	4 - 37°C (40-99°F)
Power Consumption:	31 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