



UVD180E

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 UVD180E system is suited to point of entry installation in homes and cottages with lower water demands. The 30mJ/cm² dose of the UVD180E at 6gpm is ideal for general disinfection. The compact mounting footprint is compatible with a range of applications including whole-home, under the sink, and OEM utilizations.

The UVD180E 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:	11gpm (42L) (2.5m ³ /hr)
- 30mJ/cm²:	6gpm (23L) (1.38m ³ /hr)
- 40mJ/cm²:	4.5gpm (17L) (1.02m ³ /hr)
Shipping Weight:	6lbs
Chamber Dimensions:[†]	14.5" (37cm) x 3.5" (4cm)

* 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
Lamp Consumption:	28 watts
Lamp Output:	7.6 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