



## 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.

## PRODUCT SPECIFICATIONS

|                                     |   |
|-------------------------------------|---|
| Flow Rate* - 16mJ/cm <sup>2</sup> : | 11gpm (42L) ( 2.5m <sup>3</sup> /hr )   |
| - 30mJ/cm <sup>2</sup> :            | 6gpm (23L) ( 1.38m <sup>3</sup> /hr )   |
| - 40mJ/cm <sup>2</sup> :            | 4.5gpm (17L) ( 1.02m <sup>3</sup> /hr ) |
| Shipping Weight:                    | 6lbs                                    |
| Chamber Dimensions: <sup>†</sup>    | 14.5" (37cm) x 3.5" (4cm)               |

\* 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

<sup>†</sup> 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

# UVD180E

## ultraviolet water disinfection system

## OVERVIEW

The *UVD180E* system is suited to point of entry installation in homes and cottages with lower water demands. The 30mJ/cm<sup>2</sup> 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 biodosimetry methods by GAP EnviroMicrobial Services.

|                         |                        |
|-------------------------|------------------------|
| 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) |



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](http://iapmo.org) for model information