



## 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

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

## 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 biosimetry methods by GAP EnviroMicrobial Services.

<b>Inlet/Outlet Port Size:</b>	3/4"MNPT
<b>Max Operating Pressure:</b>	100psi (6.9bar)
<b>Water Temperature:</b>	4 - 37°C (40-99°F)
<b>Power Consumption:</b>	31 watts
<b>Lamp Consumption:</b>	28 watts
<b>Lamp Output:</b>	7.6 watts UVC
<b>AC Supply Voltage:</b>	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