



INTERNATIONAL
Water·Guard

SELF-SERVICE, GALLEY MOUNTED WATER DISPENSER

Drinking water dispenser module designed
to allow passengers to serve themselves
safe drinking water during flight.



INTERNATIONAL
Water·Guard



IWG-PWD

PASSENGER

WATER

DISPENSER

**COMING
SOON!**



INTERNATIONAL
Water-Guard

OVERVIEW

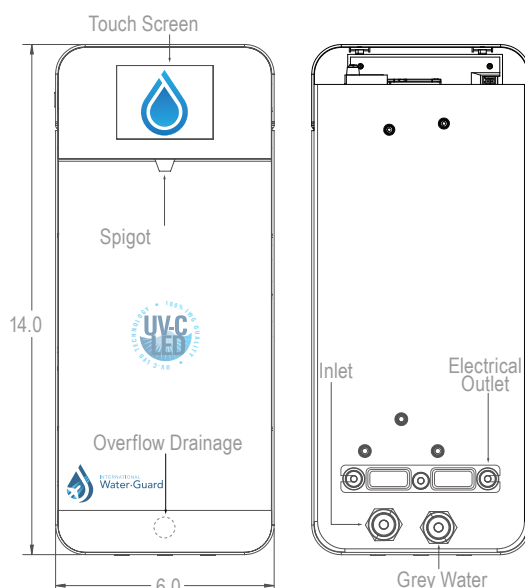
The Passenger Water Dispenser (PWD) allows passengers to serve themselves safe drinking water during flight without entering the working area of the galley. Filtered and treated water will begin to flow when a passenger activates a button on a touch panel.

The module treats water from the aircraft tanks using the latest UV-LED water treatment technology. The dispenser also include a filtration system for water taste improvement and odour elimination. The combination of mechanical filtration and UV water treatment is the most effective method for providing excellent quality and safe drinking water to passengers while in flight.



IWG-PWD

PASSENGER WATER DISPENSER



- Easy one touch activation
- Ultra Violet (UV-C) LED Water Treatment
- Active Carbon Filtration

BENEFITS

- Combination of UV-C LED treatment and filtration for maximum protection, taste improvement and odour removal.
- UV treatment level complies with NSF 55 for drinking water, wetted materials compliant to NSF61.
- Utilizes water from the on board water system, simplifying the logistics of making safe and palatable water available to passengers.
- Potential for cost and weight savings by reducing bottled water on-board.
- Intelligent monitoring provides information on use and time left to replace the filter.
- Designed for minimal scheduled maintenance removal with easy access to the system components.
- Quick release filter cartridge design to facilitate fast replacement – no tools required.
- Low power consumption with power management to activate UV only during flow.

PHYSICAL

• Mechanical

Height: 14" (35.6 cm)

Width: 6" (15.2 cm)

Depth: 12.2" (31 cm)

(including hydraulic interface)

Max Net Dry Weight: 9.9lbs (4.5 Kg)

Hydraulic Interface: ARINC810 Compatible

NSF61 Compliant

• Performance

Inlet Pressure: 20-45 psig (1.4 -3.1 Bar)

Nominal Flow Rate: Up to 0.5 gpm (1.91 lpm)

NFS-55 Class B tested

• Electrical

Input Voltage: 115 VAC 60 - 800 Hz

Power Consumption: 85 W

Electrical Connector: ARINC810 Compatible

DO-160G testing in mid Q2-2020

Screen modes:

