



INTERNATIONAL
Water·Guard



IWG-M1

International Water Guard
AIRCRAFT WATER MODULE

Smallest and lightest on the market

Pressurized hot and cold water

Remote monitoring and control capability

Active freeze protection

Easy to operate electric or manual drain



This sophisticated new product delivers pressurized hot and cold water to an aircraft's lavatory vanity or galley faucets. It is made up of a pressurized pump, water heater, motorized/manual drain valve with manual override and a system controller.

Designed for safe and simple operations, the IWG-M1 is ideal for commercial and business aircraft. The module has self-diagnostics, can be controlled and monitored remotely, uses NSF61 materials and is disinfectant friendly.

It has been designed to deliver 0.5 US gpm (1.9 lpm) of cold and hot water at a pressure of 35 psig with three selectable hot water temperatures (100F, 115F, and 125F.)

BENEFITS

- Compact**
 Our compact water module fits in tight spaces like galley cabinets, in bulkheads, and lavatory sink cabinets.
- Lightweight**
 This module is the lightest and smallest on the market, weighing only 9.8 lbs.
- Innovative**
 The module includes remote monitoring, and control capability and active freeze protection. The conformal plastic tank is designed to optimize the water volume
- Easy to Maintain**
 The IWG-M1 requires minimal maintenance and is easy to operate the electric or manual drain.

PHYSICAL

- Overall Dimensions:**
 High: 14.40" (366mm)
 Wide: 9.38" (238mm)
 Deep: 5.19" (132mm)
 Net Weight Dry: 9.58 lbs (4.46 kg)
 Operating Weight: 12.3 lbs (5.58 kg)
 Hydraulic Interface: SAE 37° Flared, 3/8";
 Flareless 3/8" (low power version)
- Electrical**
 Input Voltage: 28VDC
 Nominal Current Draw: 15.0A Maximum (12.0A Nominal); 10.0A Maximum (8.0A Nominal) (low power version)
 Electrical Interface: M83723/72R2028N connector
- Performance**
 Pressure: 35 PSIG
 Maximum Flow Rate: 0.5 gpm (1.9 lpm)
 Selectable Temperatures: 100°F (38°C), 115°F (46°C), 125°F (52°C)

The IWG-M1 has been selected for standard installations on Bombardier's Challenger 350. It is suitable for other business jet and airliner type aircraft.

