



INTERNATIONAL
Water-Guard

International Water-Guard Industries Inc. Company Overview

International Water-Guard is the market leader in supplying water treatment equipment to the world's large Corporate Jet manufacturers and VIP airliner conversions. The company's mission is to improve the quality of aircraft potable water and water supply systems.

The Company has produced over 1000 of its water treatment units to date. They are currently offered as standard options by the three largest corporate jet manufacturers: Gulfstream Aerospace Corporation, Dassault Falcon Jet, and Bombardier Aerospace. Most VIP airliner conversions are equipped with IWG products, as are many Boeing Business Jets (BBJ), a 737 derivative. IWG also maintains its focus on the world's aircraft completion centers, where both new production aircraft and older models are modified for use in corporate aviation.

In addition to its water treatment units, IWG has created a unique complete aircraft water system, the Circulating Potable Water System (C-PWSTM). This has received U.S. and Canadian aviation regulatory approval, and is being offered to both manufacturers and aircraft owners and operators whose aircraft are at a completion center for final interior outfitting. The C-PWS has been patented (US Pat. 6,463,956 and 6,766,822, Canadian Pat. 2,345,995) and retrofitted on Airbus A310, Boeing BBJ, Bombardier Global Express, and Gulfstream GIV aircraft.

As well as the corporate aviation market, IWG is placing new emphasis on the commercial airlines. The quality of potable water on their aircraft has always been held in question – and now the U.S. Environmental Protection Agency has demonstrated that biological contamination of potable water is widespread on commercial aircraft and is taking action through a regulatory review process.

Because of its more than twenty years of experience treating water on corporate, VIP, and military aircraft, no other company is as well positioned as IWG to provide a solution to this concern.

PRODUCTS

Aircraft Water Treatment Units

The Company's family of four models of water treatment units provide on-board potable water disinfection, using safe, proven Ultra-Violet light technology, and are fully qualified for use on corporate and commercial aircraft.

IWG's aircraft water treatment units were specifically designed to address the problem of water quality on aircraft, and can be installed on both existing aircraft as a retrofit by fleet operators or by manufacturers as original equipment.

IWG's aviation products undergo a rigorous, lengthy, and costly certification process in Canada and/ or the United States resulting in the issuance of a "Supplemental Type Certificate," or "STC." IWG has been issued U.S. and Canadian STC's on its ultraviolet disinfection equipment, and on its new circulating potable water system.

Aircraft Circulating Potable Water System Kits

IWG's circulating aviation potable water system was designed to address the major problems associated with the water systems typically used on aircraft – freezing and water quality. It was also designed to be light weight, and take up less space than existing water systems.

The C-PWS™ is comprised of IWG's aviation potable water treatment equipment, specialized pumps to circulate the water, tanks that conform to the shape of the aircraft (thereby saving space), piping and related distribution equipment and associated sensors and controls.

The essence of the new system design for aircraft is to constantly circulate potable water within the system, essentially maintaining all parts of the system itself at a constant temperature and continually ensuring water quality.

International Water-Guard Industries Inc.
Unit One - 3771 North Fraser Way, Burnaby, BC V5J 5G5 Canada
Tel: (604) 255-5555, 1-800-667-0331, Fax: (604) 255-5685
www.water.aero