



Semler Mission

For more than 110 years, the overriding mission of Semler Industries has been to deliver complete customer satisfaction.

Thinking first of the customer allows Semler to produce liquid handling and fluid purification solutions designed specifically for any need using only the highest quality materials and manufacturing standards. This constant commitment to excellence makes Semler the only choice in liquid handling and fluid purification.



Semler Industries Inc.

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Aviation Ground Support Equipment

Semler Industries, whose roots date back to 1905, has supplied the aviation industry with ground support equipment for over 50 years. Our reputation for durability and quality construction has made us a world class leader, and our constant commitment to excellence makes us the "One-Stop" shop for your potable water and ground support needs.

- Potable Water Cabinets
 - Warm Weather
 - Cold Weather
 - IntelliFlush®*
 - High Flow
- Indoor Potable Water Dispenser
- Potable Water Service Nozzles
- Potable Water Hose
- Aircraft Water Ozone Cleaning System** - AWOCS™ (pictured below)
- Glycol Transfer Systems
- Booster Pump Assemblies
- P.C.A. Hose and Adapters
- P.C.A. Nozzles
- Blue-Water Blenders
- Hose Replacements
- Component Part Replacements



◀ Semler's AWOCS™ 50 cleaning an aircraft's on-board water system.

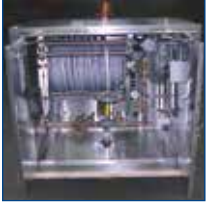
*UNITED STATES PATENT NO. US 7,337,800

**UNITED STATES PATENT NO. US 7,311,817 B2 AND 7,351,329

For more information, contact our Customer Satisfaction Department



Potable Water Cabinets



Semler Industries' reputation for innovative design and quality construction has resulted in our Potable Water Cabinets adorning thousands of gates at hundreds of airports around the world. Our attention to even the smallest of details not only makes our cabinets less costly to operate but easy to maintain. Our highly trained Product Specialists will make it easy for you to select the perfect unit, customized just for your needs.

Our rugged stainless steel cabinet construction and high polish finish guarantee long life, and the easy-to-clean design promotes sanitary conditions. All Semler Potable Water Cabinets are California AB1953 Compliant, listed and marked by a Nationally Recognized Testing Laboratory and certified to UL and CSA standards. Customized options, including CSA approved components, are available to meet your specific needs.

IntelliFlush® Potable Water Cabinet



In response to the industry's desire to ensure consistent water quality, Semler introduced the IntelliFlush® Potable Water Cabinet. With IntelliFlush®, special circuitry in the cabinet knows when conditions exist for biofilm growth in water. If such conditions develop, the cabinet will automatically flush the water from the plumbing and refill it with fresh water.

While the IntelliFlush® is a new innovation, it is quickly gaining acceptance in the market place as greater attention is being paid to aircraft water quality by the public, the government, and the airlines. There are now hundreds of IntelliFlush® units in service at airports around the world. IntelliFlush® is offered in several different models, with many available options.

High Flow Potable Water Cabinet



The SIIF-3000-HF PWC is designed specifically to meet the unique demands of the Airbus A380, Boeing 777 and Boeing Dreamliner by delivering fresh water at 25 gallons per minute- exceeding the standard PWC capabilities of 12 gallons. With an internal volume of 53 cubic feet to accommodate its larger diameter hose and hose reel, Semler's High Flow PWC still has the same thermal capabilities as traditional Semler PWCs. Semler's IntelliFlush® circuitry ensures that the water residing in the cabinet stays fresh.

AWOCS™



Aircraft drinking water systems and aircraft watering points require periodic sanitizing and flushing. Traditional approaches are time consuming and their results are uncertain. A better solution is needed. AWOCS™ is the answer. AWOCS™ is a cleaning tool developed to sterilize aircraft drinking water systems and potable water cabinets by using an extremely safe and effective cleaning agent called ozone.

Why Ozone? Ozone is faster, safer, and more environmentally friendly than traditional chemicals. Ozone's ability to oxidize (kill) anaerobic organisms is 3000 times more powerful than chlorine. Yet as utilized in the AWOCS™, ozone presents no danger to workers. Ozone is nature's perfect biocide. There is no post-use residual, only oxygen and gray water. Both the EPA and FDA have investigated the AWOCS™ and both agencies found its process to be acceptable.

Potable Water Nozzle



Built to withstand the rigorous duty of the aviation ground support environment, Semler offers two Potable Water Nozzle options; Standard and Multi-Alloy. Both nozzle types incorporate several unique features that improve nozzle durability and make maintenance more convenient. All nozzles are California AB1953 compliant and are thoroughly sanitized prior to shipment.



Aviation/GSE/MRO

- Glycol Transfer Systems
- Blue-Water Blenders
- Potable Water Hose
- P.C.A. Hose and Adapters
- P.C.A. Nozzles
- Boost Pump Assemblies



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