



SEMLER

Semler Mission

Semler Industries, whose roots date back to 1905, has supplied the aviation industry with ground support equipment for over 45 years. Our reputation for durability and quality construction has made us the world-class leader in the potable water industry.

For more than 100 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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Potable Water Service Hose

Semler Industries Potable Water Service Hose is specifically designed for potable water transfer and is a complementary component to our durable **Potable Water Cabinets** and **Service Nozzles**. Each hose can be preinstalled on a new Semler Industries Cabinet or retrofitted onto an existing unit.

The hose features high tensile strength longitudinal yarns for reinforcement and a blue abrasion and weather resistant cover to ensure lasting durability.

In order to meet the stringent quality specifications of potable water, the high-purity PVC tube compound is manufactured in compliance with FDA CFR title 21, parts 170-190, RoHS EU directive 2002/95/EC and NSF/ANSI standard 51 and 61. The Semler Potable Water Service Hose will help to keep your water safe and clean.



Semler Potable Water Cabinet



Semler Potable Water Service Hose is optional equipment on every Semler Potable Water Cabinet and can easily be installed on any existing cabinet.



Semler Potable Water Service Nozzle

Product Features

- Meets applicable NSF, FDA & RoHS requirements for potable water
- Silicone-Free
- Resistant to algae and minimizes bacterial growth
- Remains flexible in cold weather and resists kinking in warm weather
- 22 – 25% lighter than rubber hose
- Easy to install
- Will not deposit bad taste or odor into water
- Resistant to U.V. & Weather-Aging – will not discolor
- Available in other colors

NOMINAL SPECIFICATIONS

Nominal I.D.	Nominal O.D.	Max Working Pressure (PSI)		Available Length	Approximate Weight Per Roll
0.75" (19.1 mm)	1.125" (28.6 mm)	250 @ 70° F (20° C)	110 @ 122° F (50° C)	500 ft (152.4 m)	168 lbs (76.20 kg)
				250 (76.2 m)	84 lbs (38.10 kg)

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 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 over 60 IntelliFlush® units in service at airports in the United States and Canada. IntelliFlush® is offered in several different models, with many available options.

A380 Potable Water Cabinet



The SIIF-3000-A380 PWC is designed specifically to meet the unique demands of the Airbus A380 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, the A380 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, this nozzle incorporates several features and benefits unique to the industry. You can now buy the new split design 6" bumpers and easily repair and improve the life of your nozzles. In addition, each and every nozzle is cleaned by a Semler AWOCS™ (Aircraft Water Ozone Cleaning System) prior to shipment, assuring the nozzle has been thoroughly sanitized.



Aviation/GSE/MRO

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