



IntelliFlush®

The Smart Potable Water Cabinet

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 the world-class leader in the potable water industry.

Our rugged stainless steel cabinet construction and high polish finish guarantee long life, and the easy-to-clean design promotes sanitary conditions. All Semler IntelliFlush® 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®

Designed to ensure consistent water quality, the Semler Industries IntelliFlush® is the most technologically advanced potable water cabinet on the market. Based on idle time and weather conditions, the IntelliFlush® is able to detect when conditions for bio-film and bacterial growth exist. When this occurs, the IntelliFlush® automatically flushes water from the plumbing, and replenishes lines with fresh, clean water.

The IntelliFlush® is the most efficient method for boarding potable water onto commercial aircraft. Not only does the automated technology make operation and maintenance a breeze, it also conserves water. There are now hundreds of IntelliFlush® units in service at airports all over the globe, making Semler Industries the world class leader in Potable Water Cabinets.

Intelligently servicing aircraft at these airports:

- Birmingham-Shuttlesworth International Airport (BHM)
- Denver International Airport (DIA)
- George Bush Intercontinental Airport (IAH)
- Tom Bradley International Terminal (LAX)
- Memphis International Airport (MEM)
- San Diego International Airport (SAN)
- San Antonio International Airport (SAT)
- San Francisco International (SFO)
- Sacramento International Airport (SMF)
- Toronto Pearson International Airport (YYZ)

Available Options:

- Backflow preventer
- Fused disconnect
- GFCI 120 vac, 15 A. service outlet
- Remote condition monitoring
- Low temperature warning beacon
- Door open indicator beacon
- Hose reel drive gear reducer
- Manual level wind hose guide
- 4-way hose roller guide
- Multi-position hose guide
- Stainless steel hose reel frame
- Water filter
- 316 stainless steel cabinet construction
- Stainless steel stand
- Stainless steel stand skirts
- 200' x 1" ID hose
- 300' x 3/4" ID hose
- 200' x 3/4" ID hose (standard)

Other custom options available upon request

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Let us help you choose the smartest IntelliFlush® for your needs. Please call one of our Product Specialists today.
UNITED STATES PATENT NO. US 7,337,800



| MODELS | |
|------------------|--|
| SIIF-1000 | Unheated, (1) 15A. 120 VAC circuit required |
| SIIF-1500 | 1500 watt heat, (2) 15A. 120 VAC circuits required |
| SIIF-2400 | 2400 watt heat, (1) 15A. and (1) 25A. 120 VAC circuit required |
| SIIF-3000 | 3000 watt heat, (3) 15A. 120 VAC circuits required |

| SPECIFICATIONS | | |
|---|--|--------------------------------------|
| Cabinet Dimensions - without stand | 48" W x 31" D x 45" H | 122cm W x 79cm D x 114cm H |
| Door Dimensions | 39 3/4" H x (2) 20 5/8" W | 101cm H x (2) 52cm W |
| Net Weight - approximate | 630 lbs. | 286 kg. |
| Reel Capacity | 300' of 3/4" or 200' of 1" ID hose | 91.5m of 1.9cm or 61m of 2.53cm hose |
| Hose | 200' OF 3/4" ID hose | 61m of 1.9cm ID hose |
| Water Controls | Adjustable 20-70 PSI pressure regulator, 1" Shut-off valve, Pressure gauge | |
| Electrical | 100 watt light, 1/2 HP, 115 volt rewind motor | |

| STANDARD FEATURES | |
|-------------------|---|
| ■ | Type 304 stainless steel, 16 gauge, #4 polish finish interior and exterior. |
| ■ | Welded construction through-out. |
| ■ | Welded, ground, and polished joints. |
| ■ | Double wall insulated on all sides, doors, top and bottom. |
| ■ | For worker safety, heated models have no exposed heating elements. |
| ■ | Energy efficient with excellent heat retention. Freeze protection tested at 40 degrees below zero. (Lab test data on file). |
| ■ | Cabinet hardware is all stainless steel. |
| ■ | Pitched top design sheds water easily. |
| ■ | No support braces or equipment mounted on the bottom interior of cabinet to impede drainage or cleaning. |
| ■ | Automotive grade weather striping installed on door jambs. |
| ■ | Doors are removable for ease of repair or replacement. |
| ■ | All electrical components are weather resistant or Nema 4 rated. |
| ■ | Piping is bronze or stainless steel suitable for potable water service. |
| ■ | Cabinet is NRTL listed and marked. |
| ■ | AB 1953/Public Law 111-380 Compliant |

Other Ground Support Product Offerings by Semler:

- Aircraft Water Ozone Cleaning Systems
- Potable Water Cabinets
- Indoor Potable Water Dispensers
- Potable Water Service Nozzles
- Potable Water Hose
- Glycol Transfer Systems
- Booster Pump Assemblies
- P.C.A. Hose & Adapters
- P.C.A. Nozzles
- Blue-Water Blenders



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