



SEMLER



Semler Industries'

High Flow (HF) Potable Water Cabinet

For Airbus A380, Boeing 777, and Boeing 787 Dreamliner

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.



The SIIF-3000 HF, as depicted in the photo, is designed specifically to meet the unique demands of the Airbus A380, Boeing 777, and Boeing 787 Dreamliner by delivering fresh water at 25 gallons per minute. With an internal volume of 53 cubic feet to accommodate its larger diameter hose and hose reel, the High-Flow PWC still has the same thermal capabilities as a traditional Semler PWC.

Meeting the demands of every climate around the world:

SI-1000 HF

For warm weather climates that never reach sub-freezing temperatures.

SI-1500 HF

For moderate climates that experience occasional sub-freezing temperatures.

SI-2400 HF

For cold weather climates that frequently experience sub-freezing temperatures.

SI-3000 HF

For extreme climates that experience often-severe sub-freezing temperatures.

Semler Industries Inc.

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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.



SI-1000 HF		
Cabinet Dimensions - without stand	52" W x 37" D x 49" H	132cm L x 94cm D x 125cm H
Door Dimensions	52" H x 22-5/8" W	111cm H x 125cm W
Net Weight - approximate	850 lbs.	386 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, (1) 15A. 120 VAC circuit required	

SI-1500 HF		
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	Heat—1500 watts, 100 watt light, 1/2 HP, 115 volt rewind motor, (2) 15A. 120 VAC circuits required	

SI-2400 HF		
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	Heat – 2400 watts, 100 watt light, 1/2 HP, 115 volt rewind motor, (1) 15A. and (1) 25A. 120 VAC circuit required	

SI-3000 HF		
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	Heat – 3000 watts, 100 watt light, 1/2 HP, 115 volt rewind motor, (3) 15A. 120 VAC circuits required	

Available Options:

- IntelliFlush®
- Back flow 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
- PWC drain pump out tank
- 316 stainless steel cabinet construction
- Stainless steel stand
- Stainless steel stand skirts
- Manual flush air gap

Other custom options available upon request



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Clean your Potable Water Cabinet's water system with the newest, state-of-the-art technology.

Introducing the **AWOCs**, Aircraft Water Ozone Cleaning System, Semler's latest in a great line of ground support equipment.

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