



## Letter of Compliance

10/28/2025

To whom it may concern,

Subject: Letter of Compliance

Reference: Invoice# 25-0303 - P.O.# 2547. SVRS Breather I Automatic Adjustable Center- Safety Vacuum Release Qty: 18

The Vacless SVRS is manufactured by Vacless Systems of Canoga Park, California; third-party tested and listed per the requirements of ASME A112.19.17 standard. The above-mentioned standard does not specify any accuracy requirements for any used gauges. Accordingly, the manufacturer's User Manual does not require any accuracy limits to the readings of the provided vacuum gauge while in operation. Paragraph 5.2 only requires the observation of a steady gauge pointer that indicates successful operation of the Valve.

Attached are the third-party listing certificate and pages 4-5 of the user manual.

Sincerely,

Bevin Coen,

Office Manager

Vacless Systems Inc



**VACLESS SYSTEMS INC 8649 Canoga Ave, Canoga Park, CA 91304**

Phone: (818)701-6200 Fax: (818)701-6206

## 5. OPERATION

- 5.1 The pump will continue to operate normally while the valve is venting off startup vacuum surges to protect the pump and the filtration equipment against water hammers and shocks.
- 5.2 Observe the vacuum gauge reading. The vacuum gauge should show a steady reading of anywhere from 3-18 in. Hg. Actually, the readings are not as important as a steady or slightly moving needle. A very erratic and unstable needle usually means excessive air induction into the pump.
- 5.3 Correct for the erratic readings as follows: (See Figure 3)
- Remove the bolts (item # 1)
  - While holding the Adapter Plate (item # 3), rotate the valve Cap (item # 2) clockwise or counter clockwise until the Vacuum Gauge needle becomes steady.
    - a. Clockwise rotation increases gauge reading and corrects for air leakage during pump normal operation.
    - b. Counter clockwise rotation decreases gauge reading and corrects for failed entrapment tests.
  - Using the Bolts (item #1) lock the valve in the position achieved above. Do not over tighten the bolts.
- 5.4 Upon an entrapment condition, the valve will open, allowing ambient air to rapidly fill the pump suction side and cause the pump to lose its suction ability to ease the removal of the entrapment. The valve seal (piston) will automatically return to the closed (priming) position. The final valve seal (piston) position may vary depending on the vacuum level in the system during normal operation.

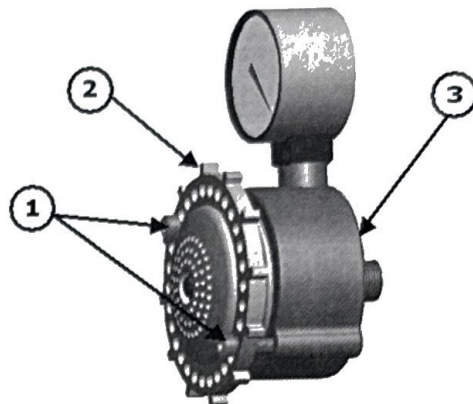


Figure 3. Adjustability for Air leakage

## 5.5 WINTERIZATION

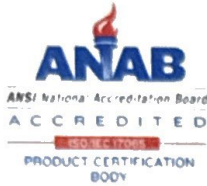
For winterization where freezing conditions occur, remove the SVRS valve until all the water is drained from the pump casings. At the start of the swim Season, Service the SVRS valve & lube the piston as detailed in paragraph #8 "Maintenance"

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10/28/2025



# IAPMO RESEARCH AND TESTING, INC.

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## IAPMO R&T Product Listing



This IAPMO R&T Listing is current as of February 12, 2025

*File Number:*

**W-5802**

*Issued To:*

**VACLESS SYSTEMS, INC.**

8469 CANOGA AVE CANOGA PARK, CA , United States

*Product:*

**MANUFACTURED SAFETY VACUUM RELEASE SYSTEMS**

*Products are in compliance with the following code(s):*

**Uniform Swimming Pool, Spa and Hot Tub Code (USPC®)**

**National Plumbing Code of Canada**

*Products are certified to the following standard(s)*

**ASME A112.19.17-2010**

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# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Issued To: VACLESS SYSTEMS, INC.

File Number: W-5802

Product: MANUFACTURED SAFETY VACUUM RELEASE SYSTEMS

This IAPMO R&T Listing is current as of February 12, 2025

### Identification:

Each unit shall be permanently and legibly marked with the following:

Manufacturer's name or trademark, model number, serial number, date coding and lot identification (if not already encoded within the serial number)

The application limits as "suction lift", "flooded suction" or "suction lift or flooded suction"

The operating temperature range

Statement confirming the device meets ASME A112.19.17-2010

Statement describing any limitations of pool and spa/hot tub circulation systems or usage, including maximum and minimum GPM and ambient temperature conditions

The product shall also bear the UPC®/cUSPC® certification mark.

### Characteristics:

SVRS for Residential and Commercial Swimming Pool, Spa, Hot Tub, and Wading Pool Suction Systems. To be installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the USPC®, UPC and the national plumbing code of Canada.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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### Models

Model Number	Description
SVRS-10	Breather I, Center, Automatic Reset
SVRS-11	Breather I, Offset, Automatic Reset
SVRS-20	Breather II, Center, Manual Reset
SVRS-21	Breather II, Offset, Manual Reset
SVRS-30	Breather III, Center, Electrical, Automatic Reset
SVRS-31	Breather III, Offset, Electrical, Automatic Reset
SVRS-10ADJ	Breather IADJ, Automatic Reset
SVRS-11ADJ	Breather IADJ, Offset, Automatic Reset
SVRS-20ADJ	Breather IIADJ, Manual Reset
SVRS-21ADJ	Breather IIADJ, Manual Reset
SVRS-30ADJ	Breather IIIADJ, Electrical, Automatic Reset
SVRS-31ADJ	Breather IIIADJ, Electrical, Automatic Reset

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