



# PSV™

**Pressure Setting Valve**

## Operating Instructions

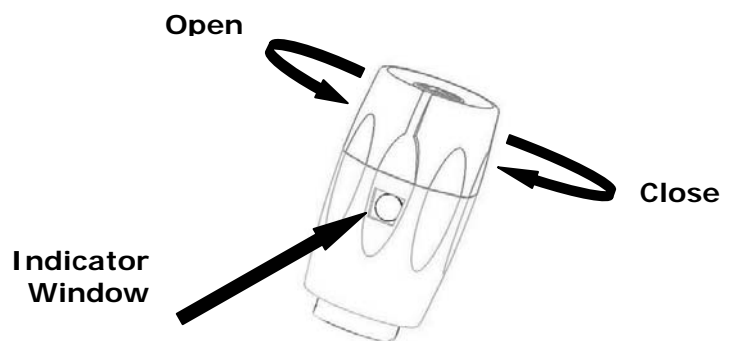
Your VARILITE™ PSV™ air-foam floatation cushion uses an innovative air valve to control the amount of immersion for optimal pressure distribution. PSV stands for **P**ressure **S**etting **V**alve (patent pending). The VARILITE PSV makes it easy for a user or caregiver to adjust the cushion.

The PSV is marked with three pre-determined positions, labeled "1", "2", and "3". The least amount of air is released when the number "1" appears in the indicator window. More air is released, and more immersion occurs, as the valve is opened to positions "2" and "3".

For best results, the initial fitting of a VARILITE PSV cushion should be completed by a therapist, a certified dealer representative, or other qualified seating specialist who should determine which pre-determined position is appropriate. (If the user falls outside the pre-determined range, the seating specialist can mark a different position on the PSV.)

The cushion is intended to be adjusted daily. For proper adjustment, follow the steps listed below.

1. Start with the cushion fully inflated. To inflate, open the valve by turning it counterclockwise.
2. Close the valve by turning it clockwise and sit on the cushion.
3. Open the valve by turning it counterclockwise until the pre-determined position number appears in the indicator window. Air will escape until the valve automatically shuts off (approximately 10-15 seconds).
4. Once the valve has shut off the release of air, close the valve by turning it clockwise. This will prevent the inadvertent release of additional air due to weight shifting, transferring, manual propelling, and so forth.
5. When finished with the cushion for the day, open the valve by turning it counterclockwise. Let the cushion rest fully inflated with the valve open overnight.



**Note:** To prevent bottoming-out, never release all the air from a VARILITE PSV cushion.



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The PSV is located on the right side of *VARILITE* cushions. For operation from the left side, remove the cushion from the cover and rotate the PSV 180°. To prevent damage to the valve body, use a 1/2 in. open-end wrench, open the valve all the way, and place the wrench on the flat shoulders at the base of the valve body.

*Turn here  
with wrench*



A low-slip material is used on the underside of all *VARILITE PSV* cushion covers to prevent the cushion from sliding in the wheelchair. For extra security, PSV cushion covers have loop sewn to the low-sip material that can be attached to a drop base or solid seat with adhesive hook (provided).

All *VARILITE PSV* cushions covers accommodate Rigidizers, also know as solid inserts, which are an effective and inexpensive way to provide the pelvis with a firm, level base of support while promoting an anatomically neutral position. Solid inserts are available for purchase by calling *VARILITE* Customer Service at 1-(800)-827-4548.

***To ensure long life and optimal performance of your VARILITE PSV cushion:***

- Never leave your *VARILITE PSV* cushion exposed to extreme weather conditions such as heat, cold or UV rays.
- Check your cushion's inflation level when you change altitudes. If punctured or if the valve is left open, the cushion will deflate under pressure. In the unlikely event of a puncture, immediately contact an authorized *VARILITE* dealer or *VARILITE* Customer Service.
- Never put your *VARILITE PSV* cushion in a washing machine. Your cushion may be wiped with warm water and mild detergent, and the covers should be washed, with the zipper closed, according to the instructions on the care and use label. Be sure all components are completely dry before reassembling. Do not autoclave.
- Your *VARILITE PSV* cushion always should be used with its cover. The cover protects the cushion from punctures, burns and being soiled, and it enhances pressure distribution and promotes air circulation for healthy tissue.



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