



Purge Blocks for Gas Cabinets

available in 2 Valve and 3 Valve Configurations

Features and Benefits

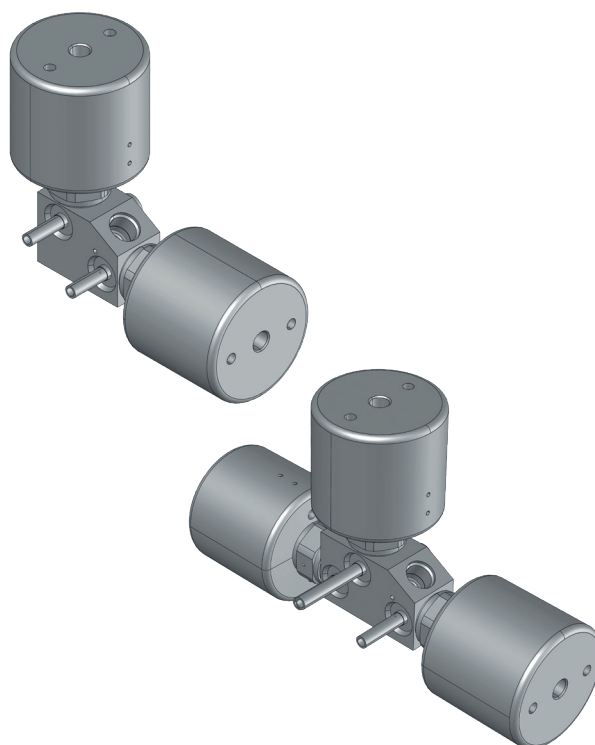
- Suitable for ultra high purity applications
- Body made from 316L VIM VAR stainless steel
- Electropolished and finished to an average surface roughness of $0.13\text{ }\mu\text{m}$ ($5\text{ }\mu\text{in.}$)
- Butt weld ends for maximum flexibility
- Pneumatic actuation

Components

- **Seat:** The fully contained PCTFE-seat design provides excellent resistance to swelling and contamination, enhanced helium leak test performance, minimal particle generation, and long service life.
- **Diaphragm:** Cobalt based alloy (UNS R30003) provides strength and corrosion resistance, with an optimized design for long service life.
- **Body:** 316L VIM VAR stainless steel construction for ultra high purity applications. The optimized flow path minimizes entrapment areas and facilitates purging.

Pressure and Temperature Ratings

- Pressure rating: 210 bar (3045 psig)
- Temperature range: -23 to $65\text{ }^{\circ}\text{C}$
- Flow coefficient: 0.2

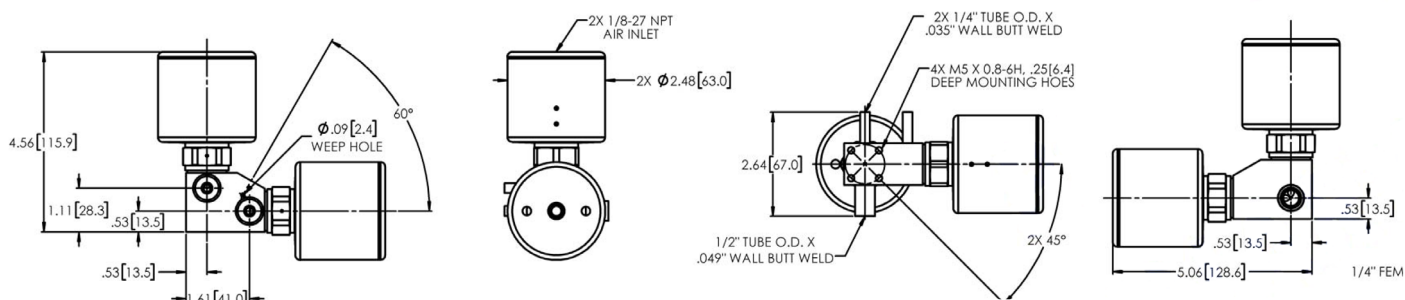


Testing, Cleaning, and Packaging

- Valves are helium leak tested at the seat, across the shell, and at all seals to a leak rate of 1×10^{-9} std cm^3/s .
- DP-Series valves are helium leak tested to a maximum leak rate of 1×10^{-10} std cm^3/s .
- Cleaned and packaged in accordance with Swagelok Specification SC 01.

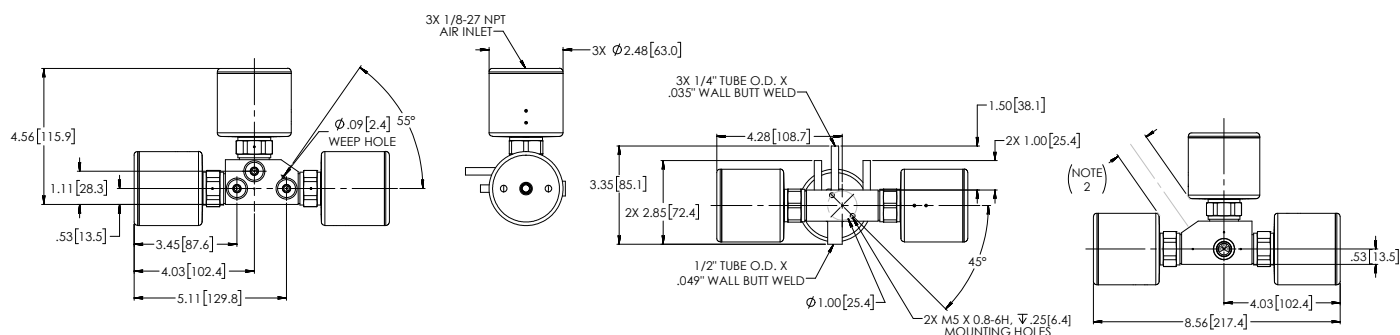


2 Valve Block Dimensions



Ordering Information: 6LVV-PH60271P-AA

3 Valve Block Dimensions



Ordering Information: 6LVV-PH60659P-AAA

Safe Product Selection

When selecting a product, the total system design must be considered to ensure safe, trouble free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Caution: Do not mix or interchange parts with those of other manufacturers.

Warranty Information

Swagelok products are backed by the Swagelok Limited Lifetime Warranty. A copy is available on swagelok.de or from your authorized Swagelok representative.