

CleanStar[®]

Metal Free Ultra Pure PFA & PVDF Diaphragm Valves Technical Information Catalog



GEMÜ Valves, Inc.
3800 Camp Creek Parkway
Building 2600, Suite 110
Atlanta, GA 30331

Phone: 404-344-8970
Fax: 404-344-9350
E-Mail: info@gemu.com
URL: <http://www.gemu.com>

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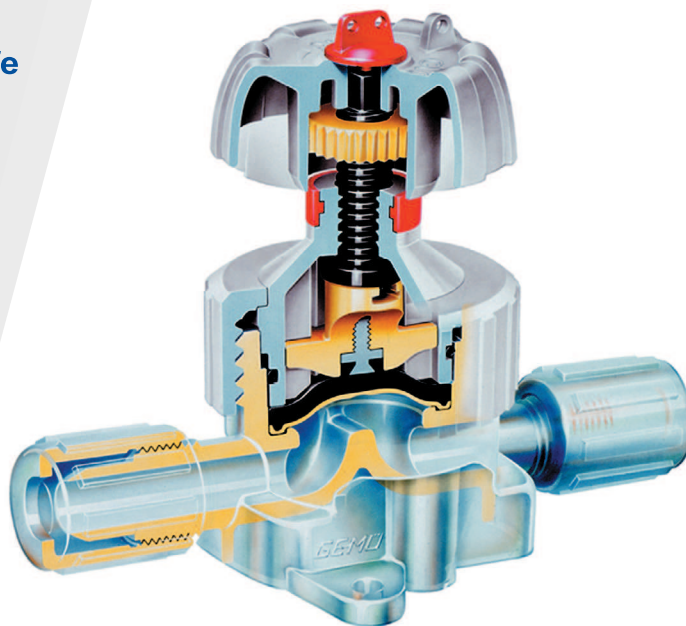
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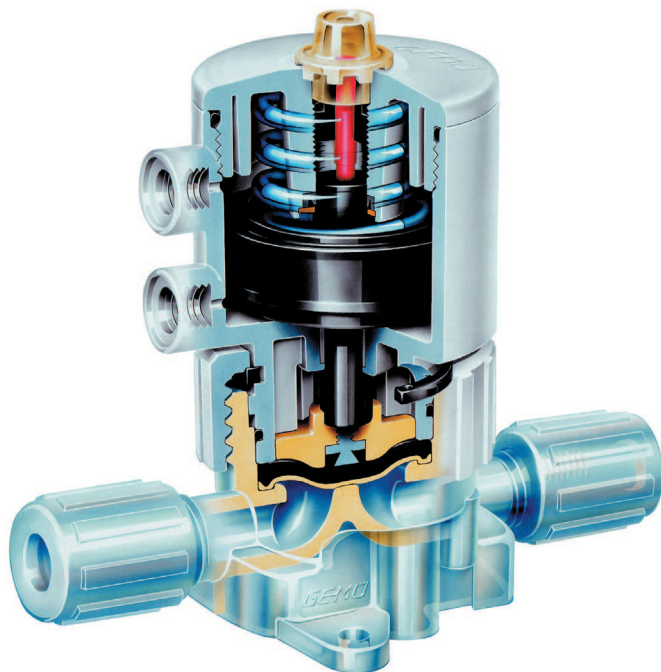
Designed for high purity media control

- Metal free - High Purity
- Integral travel stop extends diaphragm life
- Higher C_v -value than traditional globe valves
- Minimal rinse times
- High mean time between failure

C67 HPW



C60 HPW



- Integrated mounting plate
- Actuator parts PVDF
- Self draining
- Full pressure range in either direction
- Electro-Pneumatic positioner available

Cleanroom Conditions

Manufactured under Cleanroom Conditions

To ensure the ultimate in purity (no Ionic, Polar, or Particulate contamination). GEMÜ's totally Metal Free PFA CleanStar and High Purity PVDF valves are injection molded, cleaned, assembled, tested and packed under cleanroom conditions.



Taking that Extra Step toward providing Superior High Purity Products - GEMÜ's Automated Cleaning System:

Designed and built per GEMÜ specifications, this fully automated 3-chamber High Purity Product cleaning system includes Pre-cleaning with 18.2 Meg Ohm DI-water, Ultrasonic cleaning, and DI-water rinse. Drying is accomplished using sub micron filtered clean dry air (CDA) in a Class 100 Environment. All wetted parts are made of high purity fluoropolymers (PVDF, ECTFE, PFA).



Assembly, Test, and Packaging performed under Laminar Flow conditions in our Class 100 Cleanroom:

Microcontamination concerns are addressed by our "Continuous Cleanroom Concept" which optimizes material flow increasing the product throughput. GEMÜ's commitment toward providing an Ultrapure product includes using only the finest packaging materials. This eliminates concerns of contamination caused by "out gassing of Anti-Static Agents".

