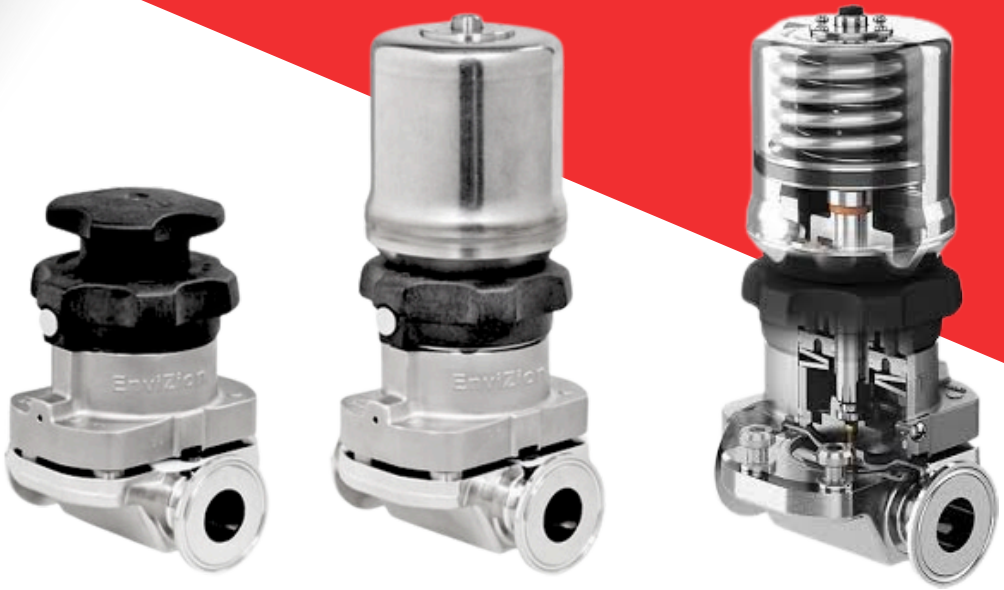
ASEPTCONN AG

Membrane Valves ITT

Save Time and Increase Reliability of Your Installations



About Us

Aseptconn is a leading supplier of components, products, software, and systems for sterile liquid technology, primarily in the pharmaceutical and biopharmaceutical sectors. With innovative products and expert advice, Aseptconn helps to sustainably improve its clients' processes. Its extensive portfolio and diverse services make it the preferred supplier for many renowned international pharmaceutical companies.

Product Description:

ITT's EnviZion membrane valves offer a proven solution to optimize your operations. With their unique design, these valves allow for quick and easy disassembly, reducing technical downtime by 90% and minimizing unplanned maintenance events, allowing you to significantly increase your productivity and better control your operational costs.

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What Sets the EnviZion Valve Apart?

Shortened Installation and Maintenance Time:

No tools are required to replace the membrane, significantly reducing intervention time.

No Screws to Handle:

No more screws or washers to manage, and no torque wrench needed, enabling even faster and simplified interventions, even in hard-to-reach areas.

Active Sealing Technology:

Thanks to the thermal compensation system, a constant force is maintained, ensuring reliable sealing even with extreme temperature variations (from -4°C to 125°C).

No Retightening Needed:

Sealing is ensured under various operating conditions, eliminating the need to retighten fasteners after one or more thermal cycles.

Leak-Free Restart:

Ensure perfect sealing after each membrane replacement campaign.

Reduced Contaminations:

The actuator design, combined with membrane sealing, effectively eliminates contamination risks.

Maintenance Time Comparison

Diaphragm valves traditional (fixed in place with 4 screws)	Time in minutes	EnviZion valves	Time in minutes
Removal and replacement of the membrane	23	Removal and replacement of the membrane	3
Re-tensioning after sterilisation with repositioning	4	Re-tensioning after sterilisation with repositioning	0
Total per valve	**27**	**Total per valve**	**3**

Watch the EnviZion Valve Maintenance Time Video

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Etapes de Maintenance



1. Unscrew the bonnet
2. Pivot
3. Disassemble

What is the Potential for Savings?

An innovative design for exceptional performance, the EnviZion valve is specifically designed to reduce contamination risks and cut maintenance time by a factor of ten. Thanks to its ability to withstand temperature variations from -4°C to 125°C in a matter of moments, its efficiency remains intact, regardless of the conditions.
Installing EnviZion valves transforms the reliability of your production tools, guaranteeing a leak-free restart after each membrane replacement campaign.

Result:
A significant improvement in your maintenance times, allowing you to increase production safely and with maximum efficiency.