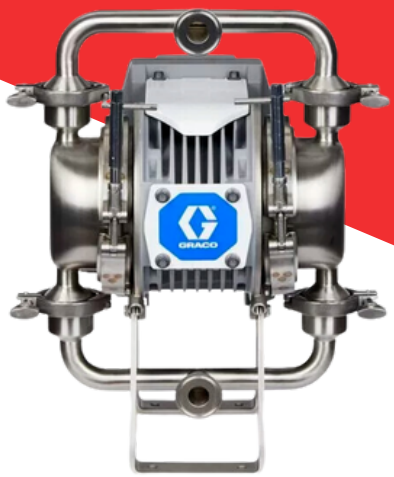
ASEPTCONN AG

Electric Diaphragm Pumps





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 sustainably improve its customers' processes. Its extensive portfolio and varied services make it the preferred supplier for many renowned international pharmaceutical companies.

Product Description:

We offer a wide range of electric diaphragm pumps designed to help you achieve up to 80% energy savings. Thanks to our broad selection, we are able to provide the ideal solution, perfectly suited to your specific needs."
This version is smoother and highlights the personalized aspect of the offer.

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Electric Diaphragm Pumps

10 questions to ask when choosing the right pump.

1. Which product will be transferred?
2. What is the desired flow rate?
3. Where is the feeder tank located in relation to the pump?
4. .Is the pump used in a pressurised room?
5. What is the required pressure?
6. What is the temperature of the product?
7. What are the required certifications?
8. What are the inlet and outlet pipe diameters?
9. What is the desired price range?
10. Are there any other installation requirements? (mobile, outdoor, etc...)

Features of our electric diaphragm pumps:

Available sizes: 1", 1 ½", and 2"
Flow rate: From 114 to 454 l/min, pressure of 7 bar
Suction height: Up to 6.8 m
Body materials: Aluminum, stainless steel, Hastelloy, PP, conductive PP, PVDF
Membrane and ball materials: Santoprene, Buna, PTFE, FKM, Geolast, Hytrel
Available versions: Industrial and pharmaceutical with Ra 0.5 finish
Types of connections: Threaded, flanged, Tri-clamps
ATEX compliance: Class 1 Zone 1 AEx db IIb T4 Gb
Certifications: FDA, USP Class VI, 3A

Advantages:

Up to 80% energy savings compared to a pneumatic pump.

Adjustable flow directly on the pump via a potentiometer, or remotely using a 4-20 mA signal.
Footprint equivalent to that of a pneumatic pump.
Easy electrical connection via a 230 V plug.
No compressed air discharge into the rooms, ideal for clean rooms.
No frost formation.
Safety system in case of a closed outlet valve, with dry running capability.
FEP-coated motor, FDA certified.
Leak detectors available as an option.
Simplified maintenance for optimal management.