

# ELECTRIC DIAPHRAGM PUMPS

"THE PHARMACEUTICAL WORLD IS VERY STRICT. SO IT IS IMPORTANT THAT ALL THE MATERIAL USED IS OF IMPECCABLE QUALITY. THAT IS WHY WE OFFER COMPACT AND ECONOMICAL ELECTRIC PUMPS."



## CONTACT US

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## Electric diaphragm pumps

At Aseptconn, a supplier of components and products for sterile fluid transfer technology, we put our many years of experience in the pharmaceutical industry at your service.

We offer various electric diaphragm pumps that can save up to 80% in energy costs. Our wide range allows us to offer you the product that best suits your needs.

### 10 questions to ask yourself 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

- Size: 1", 1 ½" et 2"
- Flow rate: 114 to 454 l/min, pressure 7 bar
- Suction height: up to 6.8 m
- Choice of body materials: aluminium, stainless steel, Hastelloy, PP, conductive PP, PVDF
- Choice of materials for membranes and balls: Santoprene, Buna, PTFE, FKM, Geolast, Hytrel
- Industrial and pharmaceutical versions with Ra 0.5
- Threaded fittings / Flanges / Tri-clamps
- ATEX Class 1 Zone 1 AEx db IIb T 4 Gb
- Certificates: FDA, USP Class VI, 3A

### Their advantages

- Up to 80% energy savings compared to an air pump
- Flow rate adjustable directly on the pump via potentiometer and remotely via 4-20 mA signal
- Footprint equivalent to a pneumatic pump
- Electrical connection via single 230 V plug
- No release of compressed air into the premises, ideal for clean rooms
- No frost formation
- Safety in case of closed outlet valve and dry running possible
- FDA-certified FEP-coated motor
- Optional leak detectors
- Easy to maintain

**"Our range of products for the Pharma field is almost unlimited, so don't hesitate to contact us"**