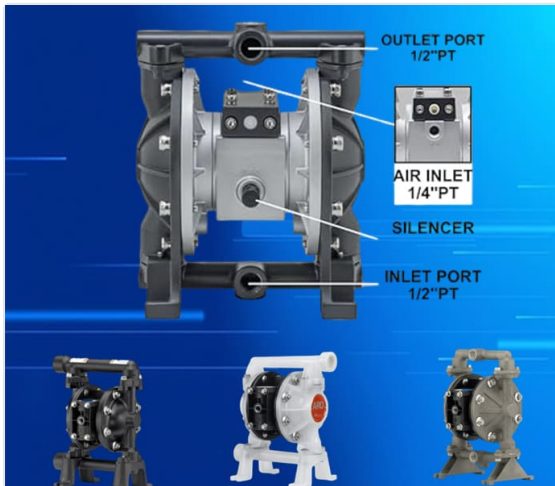


PRESSROOM TESTING INSTRUMENTS · PRODUCT DATASHEET

Air-Operated Double Diaphragm Pump

Aluminum Alloy Air-Operated Double Diaphragm Pump is a durable and efficient solution for handling a wide range of industrial fluids. Built with a corrosion-resistant aluminum...



CATEGORY	Pressroom Testing Instruments
SUB-CATEGORY	Others
AVAILABILITY	1 in stock
MANUFACTURED	Oct 2, 2025

Description

Aluminum Alloy Air-Operated Double Diaphragm Pump is a durable and efficient solution for handling a wide range of industrial fluids. Built with a corrosion-resistant aluminum alloy wetted body and center air chamber, this pump offers high strength and lightweight performance. It features versatile diaphragm options—including Teflon (TFM), Polyethylene (UPE), and Santoprene (STP)—to suit various application needs. Ideal for transporting benzene, solvents, paints, glues, resins, oils, pulps, mud, sludge, casting fluids, methanol, and other neutral liquids, it ensures reliable operation in demanding environments. Note: this pump is not recommended for use with acids, alkalis, or seawater.

Technical specification

- **Material:** Temperature Range
- **UPE (U):** +5 to +50°C
- **TFM (T):** -30 to +130°C
- **Santoprene® (O):** 0 to + 80°C
- **Suction/ Discharge Port Size:** 1/2" PT(BSP)
- **Air Inlet Port Size:** 1/4" PT(BSP)
- **Air Exhaust Port Size:** 1/4" PT(BSP)
- **Min Air Inlet Pressure:** 0.5 Bar(kgf/cm²) ; 7.25psi
- **Max Air Inlet Pressure:** 8.0 Bar(kgf/cm²) ; 116psi
- **Best Air Inlet Pressure Range:** 1.5~3.5 Bar(kgf/cm²) ; 21.75psi~50.76psi
- **Discharge Volume Per Cycle:** 150 ml/cycle
- **Max Solids Handling:** Ø2mm
- **Max Air Consumption:** 550Liter/Per Min.;19.42 SCFM
- **Max Wet Suction Lift:** 6.7 m

- **Packing Dimensions:** 26Lx21Wx29H(cm), 0.56Cuft
- **Net Weight:** 4.5 KG
- **Max flow rate:** 12.68 Gallon/Per Min. ; 48 Liter/Per Min.
- **Liquids Serviceability:** Suitable for neutral liquids like paint for coating, paint, ink, and resin of low viscosity. It can also be used in transferring organic solvents, petroleum, and petrol. This type has the additional design of double liquid inlet & outlet for the ink industry.

-Product Advantage

- Easy to move and install
- Low maintenance cost.
- Can run dry for extended periods without damage.
- Ensures 100% no-stall work efficiency.
- Comes with a one-year warranty period, with a maximum of three years warranty for the diaphragm.
- Capable of handling high viscosity fluids.
- Suitable for conveying corrosive and abrasive substances.
- Does not affect the integrity of the conveyed material.
- Safe to use in flammable and explosive environments.
- Pipe blockage does not lead to excessive load, overheating, or explosions.
- Provides high accuracy in its operation.

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