

# Air Operated Double Diaphragm Pump

3"

## Overview:

Air-Operated Double Diaphragm (AODD) pumps are versatile and able to withstand caustic and abrasive liquids. Their simple design provides energy-efficient operation, and safe operation in Class I Division 2 environments. AODD pumps are trusted in many industries for their ability to handle wide varieties of liquids; from high viscosity fluids not suitable for centrifugal pumps to low viscosity fluids too challenging for positive displacement pumps.

## Features:

Applications for AODD pumps include:

- Chemical Processing: Solvents, Alkalides, Magnesium Hydroxide, Resins, Electrolytes, Sulfuric Acid
- Environmental: Wastewater, Oil Skimming, Stabilizers, Effluent Sludge, Sewage Treatment, Waste Oil
- Paint and Ink Manufacturing: Titanium Dioxide Slurry, Primer, Enamels, Alkaloid Resin, Stain, Varnishes
- Liquid Handling: Fluid Transfer, Oil/Water Separators, Sump and Pit Draining, Suspensions/Dispersions
- Marine: Tank and Bilge Drainage, Water Treatment, Oil Skimming, Fuel Transfer
- Metal and Steel
- Mines and Quarries
- Construction
- Paper and Wood
- Clay and Ceramics
- Electrical and Appliance
- Food Processing
- Aircraft and Automotive
- Beverages
- Glass and Fiberglass

## Specs:

- Runs on compressed air
- Low shear flow for fragile liquids like paint, ink and clay slips.
- Explosion proof: No motors, no control panels, no batteries, no alternators, no wires
- Used in Class I Division 2 environments
- Runs dry without damage
- Self Priming: above or below liquid or even submerged
- Portable: Small size and easily moved from one application to another
- Liquids: Light end hydrocarbons, heavy slurries and dry powders
- Solids handling: Easily and efficiently handles solids 1/4" to 3"
- No packing, no mechanical seals
- Variable flow and discharge pressure up to 125 psi with a simple adjustment of the air supply
- Operates on demand systems without expensive pressure relief and bypass accessories
- Quiet operation
- Can operate against a closed discharge

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## Accessories:

- Spillguard
- Suction and Discharge Hoses
- Genset
- Light Towers



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