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

Accessories:
• Spillguard
• Suction and Discharge Hoses
• Genset
• Light Towers

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