

All-Flo™ AODD Pumps for Oil and Gas

Proven, efficient pump designs to increase productivity and lower operational costs



Where Innovation Flows



The global demand for oil and gas is never-ending, creating an industry where every minute of downtime comes at a significant cost. To keep operations moving across upstream, midstream and downstream applications, facility engineers and operators rely on air-operated double-diaphragm (AODD) pumps.

All-Flo AODD pumps feature a reliable, lube-free, stall-free air valve system that consistently delivers high flow rates in these critical applications. With a wide range of configuration options available, you can easily find the right All-Flo AODD pump to keep your production running smoothly.

HIGH-PERFORMANCE

- Flow Rates: Up to 235 gpm (890 lpm)
- Pressure: Up to 120 psi (8.2 bar)
- Sizes: 1/4" to 3" models
- Capabilities: Self-priming, seal-less, portable and dry-run capable
- Fluid Handling: Shear-sensitive, viscous and solids-laden fluids

APPLICATIONS

- Crude Oil
- Waste
- Lube Oil
- Drilling Mud
- Glycol Feed
- Emergency Dewater

VERSATILE AND ADAPTIVE

All-Flo industrial pumps are available with aluminum, stainless steel or plastic wetted paths and Buna, Hytrel, PTFE or FKM diaphragms. This range of materials handles the wide variety of fluids and fluid properties required for oil and gas applications.

PORTABLE AND MODULAR

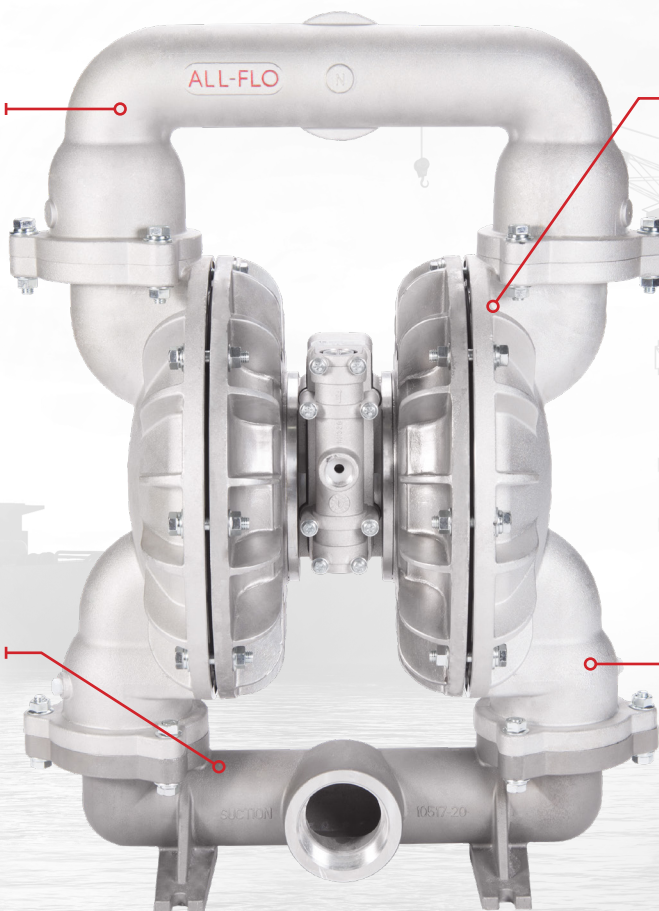
Lightweight and compact, All-Flo AODD pumps integrate easily into mobile skids or temporary setups in field operations.

NON-SPARKING DESIGN

The absence of electrical components eliminates the risk of spark generation, which is critical in explosive atmospheres. All-Flo metallic and conductive plastic pumps are ATEX-rated for safe operation in potentially explosive environments when properly grounded.

SIMPLE AND EFFECTIVE

All-Flo AODD pumps feature a simple design that reduces maintenance costs, with significantly fewer parts and only three moving parts in the air valve.



ALL-FLO STANDARD AODD PUMPS

	Pump	Size	Recommended Materials of Construction	Connection	Max. Flow	Max. Particle Size	Max. Temp	Max. Air Pressure
	A025	1/4"	Conductive Polypropylene and Conductive PVDF with PTFE Elastomers	FNPT (FBSPT)	5.7 gpm (21.6 lpm)	1/16" (1.6 mm)	144°F (62°C)	120 psi (8.2 bar)
	A050/S050	1/2"	Aluminum or Stainless Steel with Buna-N, PTFE or FKM Elastomers	FNPT (FBSPT)	15 gpm (56.8 lpm)	A050 - 1/4" (6.4 mm) S050 - 3/8" (9.5 mm)	189°F (87°C)	120 psi (8.2 bar)
	A100/S100	1"	Aluminum or Stainless Steel with Buna-N, PTFE or FKM Elastomers	FNPT (FBSPT)	48 gpm (182 lpm)	A100 - 1/4" (6.4 mm) S100 - 3/4" (19 mm)	189°F (87°C)	120 psi (8.2 bar)
	A150	1-1/2"	Aluminum or Stainless Steel with Buna-N, PTFE or FKM Elastomers	FNPT (FBSPT), ANSI / DIN FLANGE	115 gpm (435 lpm)	1/4" (6.4 mm)	189°F (87°C)	120 psi (8.2 bar)
	A200	2"	Aluminum or Stainless Steel with Buna-N, PTFE or FKM Elastomers	FNPT (FBSPT), ANSI / DIN FLANGE	190 gpm (719 lpm)	1/4" (6.4 mm)	189°F (87°C)	120 psi (8.2 bar)
	A300	3"	Aluminum or Stainless Steel with Buna-N, PTFE or FKM Elastomers	FNPT (FBSPT), ANSI / DIN FLANGE	235 gpm (890 lpm)	7/16" (11 mm)	189°F (87°C)	120 psi (8.2 bar)

ALL-FLO ACCESSORIES TO MAXIMIZE PERFORMANCE



PDM AND PDT SERIES PLASTIC PULSATION DAMPENERS

- Reduce peaks in discharge pressure and flow
- Minimize system vibration and load on the pump
- Protect downstream instrumentation and extend equipment life
- Available with stainless steel, conductive polyethylene, and conductive PTFE wet end and EPDM, PTFE and NBR diaphragms



FILTER/REGULATOR GAUGES

- Clean, dry and regulate compressed air to optimize air usage, prevent air valve damage and allow greater flow rate control
- 5-micron bronze filtering element
- Separator and shield for efficient moisture separation
- Available in 1/4", 1/2" and 3/4" air supply line sizes

ALF-17020-F-01

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