AIW
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teryair®
www.teryair.com

MAX DISCHARGE
156 Gpm (592 Lpm)

SIZE, MATERIAL
2", Aluminum

WEIGHT
64 Lbs

SDP 50 ALX

"VALUE FOR MONEY"

AIR OPERATED DIAPHRAGM PUMP

Our aluminum constructed pumps are commonly combined with Neoprene, Nitrile, Santoprene™, Hytrel®, Viton® and PTFE elastomers. These elastomers are ideal for pumping water, water-based fluids, non-aggressive fluids, oily fluids and fluids having low acidic/alkali concentrations. Our aluminum pumps offer a relatively low-cost, robust solution to many pumping applications.

Diaphragm Options 'X'

Neoprene
Nitrile
Santoprene™
Hytrel®
Viton®
PTFE

Approvals and Certifications

All Teryair© pumps are CE marked and manufactured under an ISO 9001:2015 quality system (SGS). Teryair metal pumps are explosion proof certified (ATEX).

Versatility

This pump handles viscous fluids, slurries, solid laden fluids, shear sensitive fluids very well.
No priming needed.
No foaming of fluid pumped.
No stall damages.
Portable and submergible.

XX	XX	XX	X	X	X
Air Valve Type	**Pump Size**	**Material of Construction**	**Material of Diaphragm**	**Bolted or Clamped**	**Threding on Inlet and Outlet**
DP - Classic ADP - Advanced SDP - MaxFlo	06 - 1/4" 12 - 1/2" 15 - 1/2" 25 - 1" 40 - 1-1/2" 50 - 2" 75 - 3" 100 - 4"	AL - Aluminum SS - Stainless Steel 316L PP - Polypropylene CL - Cast Iron	B - Nitrile N - Neoprene S - Santoprene™ T - PTFE V - Viton® H - Hytrel®	B - Bolted C - Clamped	R - NPT G - BSPT P - BSPP F - Flanged

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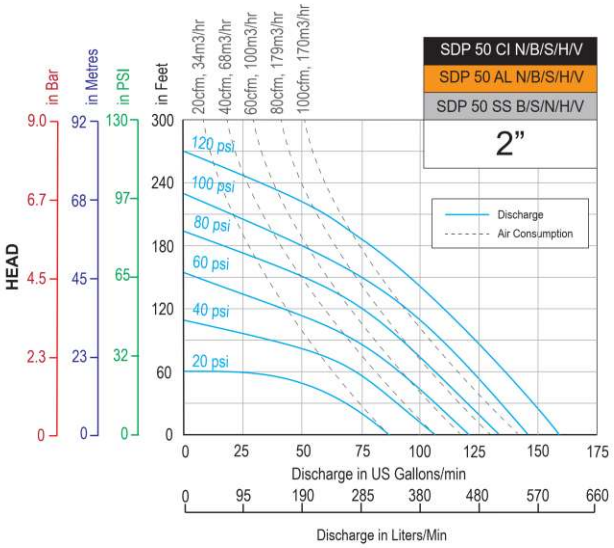
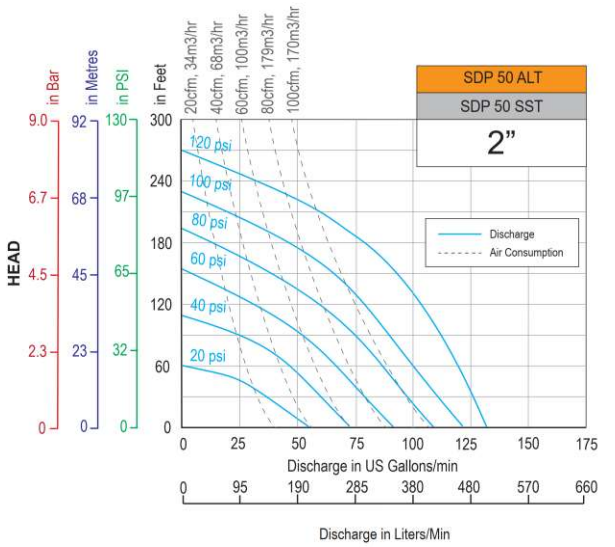
Performance Graphs SDP 50 ALN/ALB/ALS/ALH/ALV



- Performance as measured pumping water at 68°F.
- For guidance on how to select a suitable pump, visit AODD pump selection guide at: AirIndustrialWorks.com/support

Performance Graphs SDP 50 ALT



- ***Disclaimer:** Actual pump performance may vary depending on number of bends, suction needed and friction in length of discharge piping.

Technical Data SDP 50ALX

	SDP 50AL with Neoprene / Nitrile / Santoprene™/Hytrel®/Viton® fitments	**SDP 50AL with PTFE fitments**
Maximum Discharge	156 US gallons/min (592 Liters/min)	124 US gallons/min (471 Liters/min)
Suction Head Dry	22 feet (6.7 meters)	15 feet (4.6 meters)
Suction Head Wet	28 feet (8.5 meters)	31 feet (9.5 meters)
Pump Weight	64 lbs (29 Kgs)	64 lbs (29 Kgs)
Max Solid Passage	1/4” (6.4 mm)	1/4” (6.4 mm)
Air Distribution System	SDP MaxFlo, MOC aluminum, acetal and CFT seals	SDP MaxFlo, MOC aluminum, acetal and CFT seals
Balls / Seals	Neoprene, Nitrile, Santoprene™, Hytrel® or Viton®	PTFE
Air Inlet	1/2” NPT/BSPT/BSPP	1/2” NPT/BSPT/BSPP
Fluid Inlet, Fluid Outlet	2” NPT/BSPT/BSPP	2” NPT/BSPT/BSPP