



STAINLESS STEEL SS316L BODY PUMPS

EXP SERIES DIAPHRAGM PUMPS

ARO® further enhances the EXP portfolio, providing customers with solutions that offer superior corrosion resistance due to its low carbon content CF3M alloy.



Safety

- ATEX II 2GD X Compliant pumps suitable for all kinds of Standard and Hazardous Duty applications
- All Contact parts in Stainless Steel 316L provides excellent protection from material fatigue / stress in addition to corrosion protection
- Sturdy bolted construction design prevents air and fluid leaks

Performance

- Maximum flow rate of 465 LPM (123 GPM)
- Eliminates waste of compressed air during operation, minimizing energy loss
- SimulShift™ and Quick Dump valve technologies ensure stall-free/ ice-free operation

Typical Application Segments

- Oil & Gas - Transfer of Anti-foulants, Anti-scalants, Biocides etc.
- Food & Beverages - Food stuff applications requiring additional corrosion resistance
- Paint Manufacturing - Pumping of various chemicals and slurries during manufacturing of paint



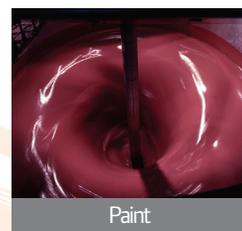
Oil and Gas



Food and Beverage



Chemicals



Paint

Technical specifications on the reverse side.

AROzone.com

©2023 Ingersoll Rand
IRITS-0323-005 EN



Technical Specifications

	1/2"	1"	1.5"
Max. Air Inlet Pressure psi (bar)	100 (6.9)	120 (8.3)	120 (8.3)
Max Material Inlet Pressure psi (bar)	10 (0.69)	10 (0.69)	10 (0.69)
Max Operating pressure psi (bar)	100 (6.9)	120 (8.3)	120 (8.3)
Max flow gpm (lpm)	12 (45.4)	52 (197)	123 (465)
Displacement per cycle Gal (lit)	0.039 (0.15)	0.232 (0.88)	0.617 (2.34)
Suspended solids max dia. In (mm)	3/32 (2.4)	1/8 (3.3)	1/4" (6.4)
Sound Level db (A) @ 70 psi	75	80.6	81
Maximum dry suction lift ft(m)	15 (4.5)	19 (5.7)	14 (4.2)
End Connections	BSP Thread	BSP Thread ANSI / DIN Flange	BSP Thread ANSI / DIN Flange
Center Body Options	Aluminum	Aluminum Stainless Steel	Aluminum Stainless Steel
REPAIR KITS			
Air section Repair kit	637428	637397	637389
Fluid Section Repair kit	637427-TT	637401-TT	637375-TT
PULSATION DAMPENER 2"			
Fluid Connection	2" BSP Thread		
Hardware	Stainless Steel		
Diaphragm Material	PTFE / Santoprene (Back-up)		
ACCESSORIES			
Air Line Connection Kit	66084-1 Piggyback Filter/Regulator with gauge, pipe nipple and 5-foot air hose		
Diaphragm Failure Detection	67237		