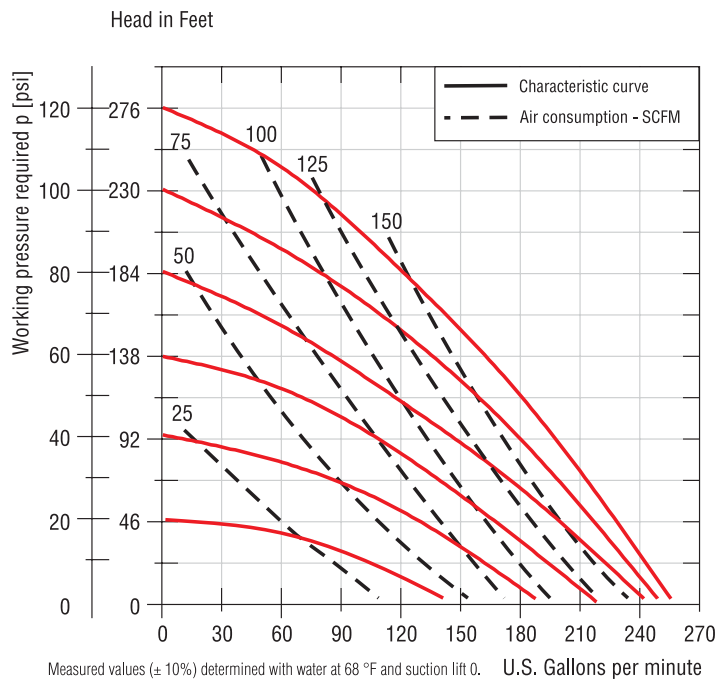
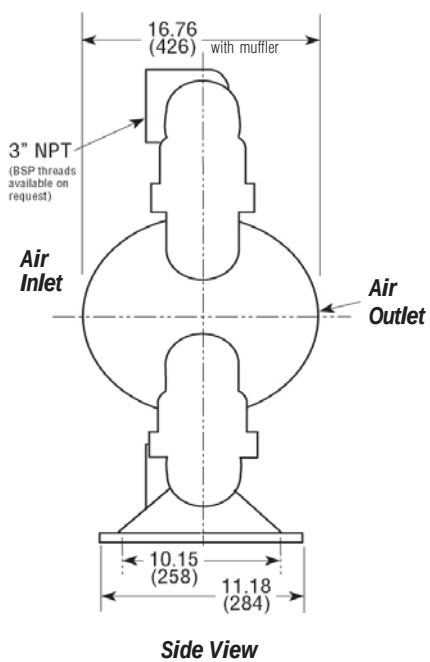
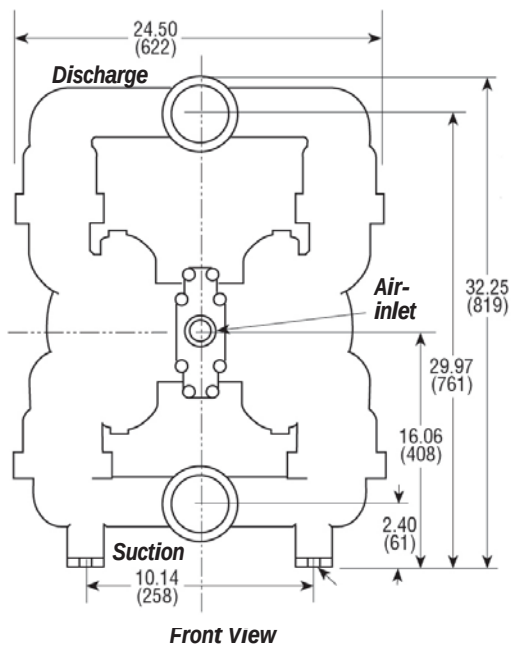


3" Bolted Version (metallic)



Dimensions in inches and (mm).

Air Operated Diaphragm Pumps ■ AIRTRAN

Operating data / Dimensions / Weights	
	3" Aluminum
Housing material	Aluminum
Diaphragm materials	Urethane, Teflon [®] , Santoprene [®] , Viton [®]
Valve ball materials	Geolast [®] , Teflon [®] , Santoprene [®]
Seals	Geolast [®] , EPDM, Teflon [®]
Valve seat	PP, Nylon, EPDM, Teflon [®]
Flow rate	255 gpm
Volume per stroke*	1.230 gal/stroke
Suction lift dry	14.7 ft
Suction lift Teflon [®]	9.8 ft
Operating pressure	max. 120 PSI
Temperature limits	200 °F
Solids handling	max. $\varnothing$ 0.44 inches
Air inlet	3/4" NPT female 3/4" BSP female
Air outlet	3/4" NPT female
Suction	3" NPT Female
Discharge	3" NPT Female
Weight	130 lbs

*Based on flooded suction conditions with water and 100 psi air pressure.

Type	Materials of construction		Part No.
	Housing	Diaphragm, Valve Balls, Seals	
3" ALB Alu/Urethane	Aluminum	Polyurethane, NBR	LJAG-C3
3" ALE Alu/Santoprene [®]	Aluminum	Santoprene [®] , EPDM	LJAE-C3
3" ALT Alu/Teflon [®]	Aluminum	Teflon [®]	LJAT-C3
3" ALV Alu/Viton [®]	Aluminum	Viton [®]	LJAV-C3

Material description

Geolast = NBR/PP compound
 Nylon = PA = Polyamide-compound
 Polypropylene = PP
 Santoprene = EPDM/PP-compound
 Teflon = PTFE = Polytetrafluorethylene
 Viton = FPM = Fluoro Elastomer
 Polyurethane = PUR

Typical application

Paint, latex, ceramic slip, slurries, polymers, tank car fill and empty

Teflon and Viton are registered Trademarks of DuPont Company. Kynar is a registered Trademark of Penwalt Corp. Santoprene is a registered Trademark of Monsanto Company. Geolast is a registered Trademark of Advanced Elastomer Systems.