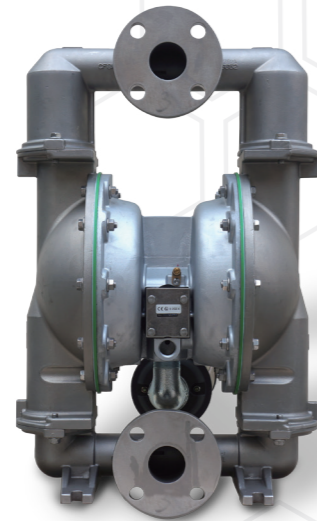


2 inch Stainless Steel Pump_V Series

Technical Specifications

Ratio	1:1
Maximum Flow	172 GPM (651 LPM)
Displacement Cycle	1.4 Gallon (5.3L)
Air Inlet (Female)	3/4 - 14 N.P.T.F. - 2
Fluid Inlet/Outlet	2 - 11-1/2 N.P.T.F. - 1 Rp 2 (2 - 11 BSP, parallel)
Max. operation pressure	8.3 bar (120 psi)
Suspended solids max. dia.	1/4-in. (6.4-mm)
Max. dry suction lift	27.2ft (8.3m)
Sound Level	85.3 db(A) @ 70 PSI 60 Cycles/Min



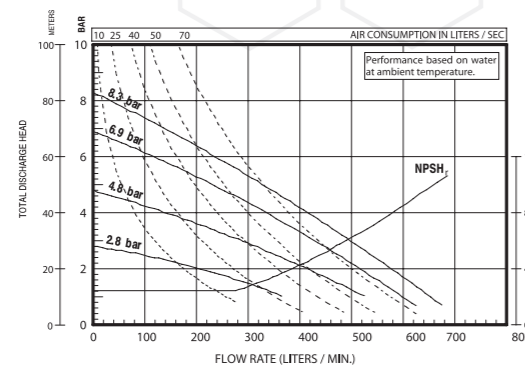
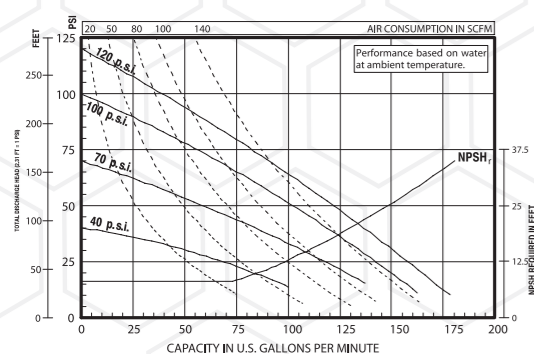
Ordering

Pump Model	Fluid Inlet/Outlet	Center Body Material	Manifold, Pump Casing, Seat Material	Diaphragm, Ball Material	Hardware Material	Diaphragm Kits ¹⁾
66627B-244-C-V	BSP	Aluminum	316 Stainless steel	PTFE	Stainless steel	
666271-244-C-V	BSP	Aluminum	316 Stainless steel	PTFE	Steel	
66625B-244-C-V	N.P.T.F.	Aluminum	316 Stainless steel	PTFE	Stainless steel	637531-4
666251-244-C-V	N.P.T.F.	Aluminum	316 Stainless steel	PTFE	Steel	637531-7
6662FB-244-C-V	ANSI/DIN Flange ²⁾	Aluminum	316 Stainless steel	PTFE	Stainless steel	
6662F1-244-C-V	ANSI/DIN Flange ²⁾	Aluminum	316 Stainless steel	PTFE	Steel	

1) Additional option for repair kits 637434 (air section), 637432-44 (fluid section)

2) Center flange

Performance Curve



ARO®

V Series High Performance Air Operated Diaphragm Pump

Stainless Steel Series



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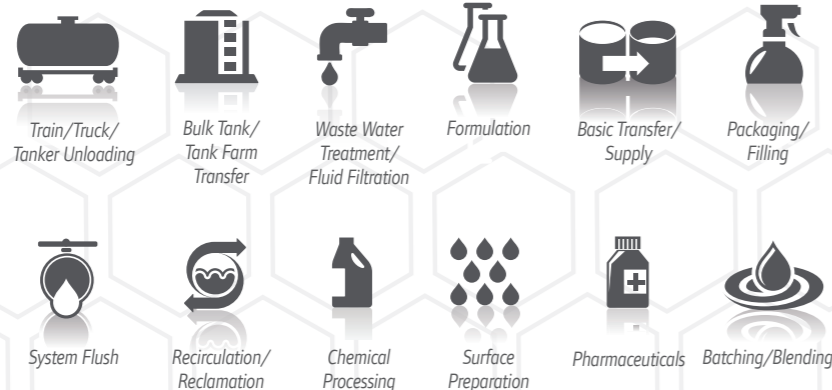
ARO® V-Series High Performance Air Operated Diaphragm Pump

ARO V-series High Performance air operated diaphragm pumps are ideal for general industrial and OEM installation applications. They can easily pump from clean, light viscosity fluids to corrosive, abrasive medium viscosity fluids and can transfer large particles without damage. Due to their pneumatic motor, they could be used in potentially explosive areas. Most of the ARO® diaphragm pumps are ATEX certified (CE Ex11 2GD X).

Our pumps offer the ability to vary the flow outlet and discharge pressure as slow as 10 gallons (38liter) per minute up to 172 gallons (651 liter) per minute for our larger sizes and adjust fluid pressure up to 120 p.s.i. (8.3 bar), by using just an air filter / regulator and a needle valve.

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- Can Run Dry Without Damage
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Though a part may look like an ARO part, unless it carries the Authentic ARO Parts name and was bought from one of our authorized distributors, it does not carry the ARO promise and runs the risk of subpar chemical, metallurgical, and mechanical properties.

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1 inch Stainless Steel Pump_V Series

Technical Specifications

Ratio	1:1
Maximum Flow	35 GPM (133 LPM)
Displacement Cycle	0.16 Gallon (0.6L)
Air Inlet (Female)	1/4 - 18 N.P.T.F. - 1
Fluid Inlet/Outlet	1 - 11-1/2 N.P.T.F. - 1 Rp 1 (1-11 BSP parallel)
Max. operation pressure	8.3 bar (120 psi)
Suspended solids max. dia.	1/8-in. (3.2-mm)
Max. dry suction lift	20ft (6.1m)
Sound Level	64.5 db(A) @ 70 PSI 60 Cycles/Min

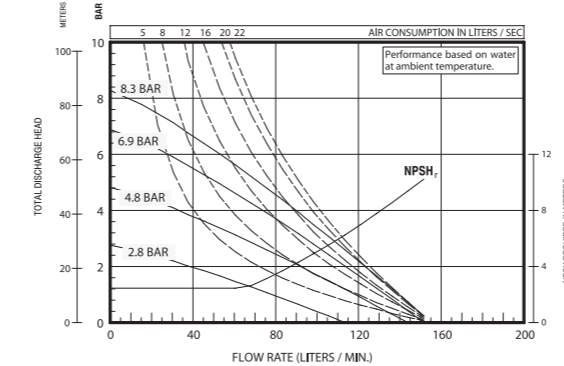
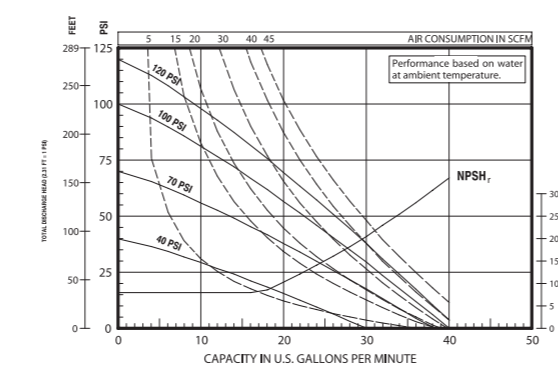


Ordering

Pump Model	Fluid Inlet/Outlet	Center Body Material	Manifold, Pump Casing, Seat Material	Diaphragm, Ball Material	Hardware Material	Diaphragm Kits ¹⁾
66612B-244-C-V	BSP	Aluminum	316 Stainless steel	PTFE	Stainless steel	637527-4 637527-7
666121-244-C-V	BSP	Aluminum	316 Stainless steel	PTFE	Steel	
66610B-244-C-V	N.P.T.F.	Aluminum	316 Stainless steel	PTFE	Stainless steel	
666101-244-C-V	N.P.T.F.	Aluminum	316 Stainless steel	PTFE	Steel	

¹⁾ Additional option for repair kits 637118-C (air section), 637119-44-C (fluid section)

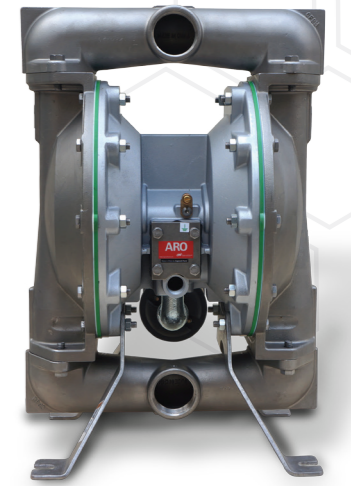
Performance Curve



1.5 inch Stainless Steel Pump_V Series

Technical Specifications

Ratio	1:1
Maximum Flow	90 GPM (341 LPM)
Displacement Cycle	0.64 Gallon (2.42L)
Air Inlet (Female)	1/2 - 14 N.P.T.F. - 1
Fluid Inlet/Outlet	1-1/2 11-1/2 N.P.T.F. - 1 Rp 1-1/2 (1-1/2 - 11 BSP parallel)
Max. operation pressure	8.3 bar (120 psi)
Suspended solids max. dia.	1/4-in. (6.4-mm)
Max. dry suction lift	19ft (5.8m)
Sound Level	80.5 db(A) @ 70 PSI 60 Cycles/Min



Ordering

Pump Model	Fluid Inlet/Outlet	Center Body Material	Manifold, Pump Casing, Seat Material	Diaphragm, Ball Material	Hardware Material	Diaphragm Kits ¹⁾
66617B-244-C-V	BSP	Aluminum	316 Stainless steel	PTFE	Stainless steel	637529-4 637529-7
666171-244-C-V	BSP	Aluminum	316 Stainless steel	PTFE	Steel	
66615B-244-C-V	N.P.T.F.	Aluminum	316 Stainless steel	PTFE	Stainless steel	
666151-244-C-V	N.P.T.F.	Aluminum	316 Stainless steel	PTFE	Steel	

¹⁾ Additional option for repair kits 637118-C (air section), 637124-44 (fluid section)

Performance Curve

