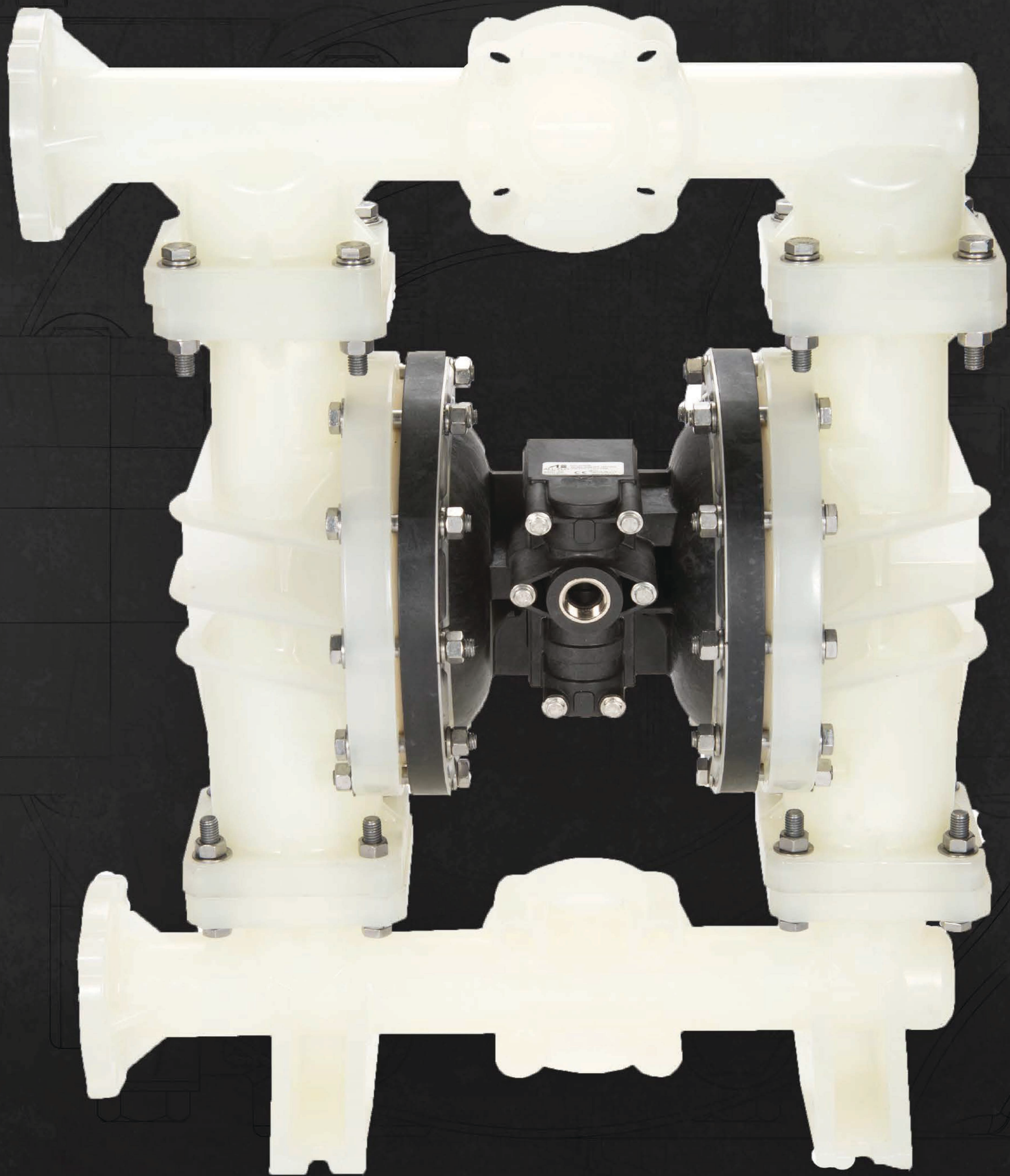




ALL-FLO
PUMP CO.

AIR OPERATED DOUBLE DIAPHRAGM PUMPS



PRODUCT OVERVIEW

PERFORMANCE AND EFFICIENCY

Since 1986, All-Flo pumps have been built to last. Designed to live up to their name, All-Flo pumps are performance engineered and quality built to provide trouble-free service under the toughest conditions. All of our pumps are 100% factory tested for quality assurance. Our pump's air mechanism features the fewest moving parts of any pump on the market. With fewer parts to wear and breakdown, the result is reduced risk of disruptions in service and reliable operation. When it comes to simplicity of design, see for yourself how our pump stacks up against competitors.

EFFICIENCY

A high efficiency air-valve, with a maximum air pressure of 120 psi (8.2 bar), dramatically reduces overall operating costs.

SIMPLE

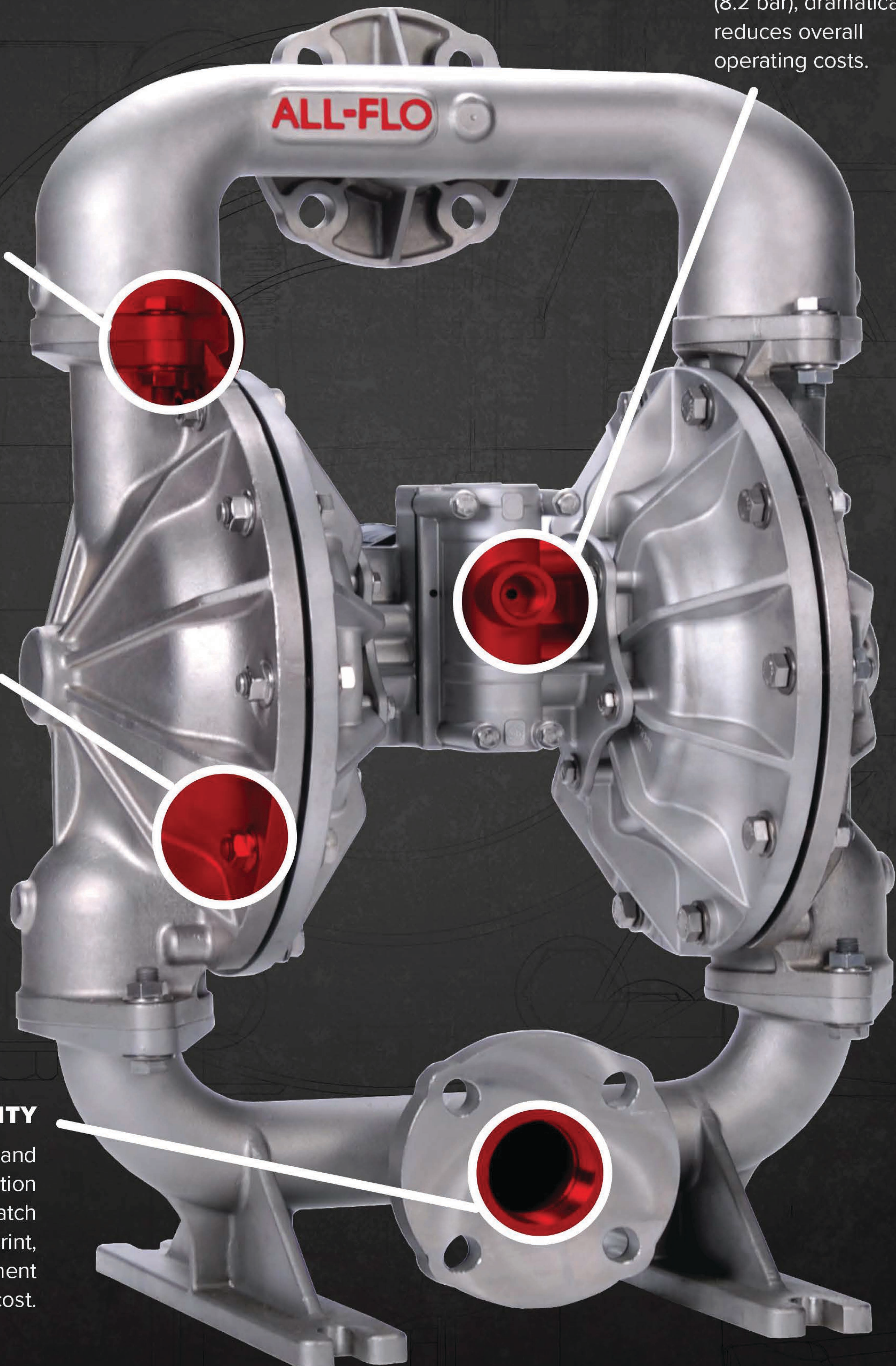
A simple bolted design ensures quick and easy repairs.

PERFORMANCE

Quality-built construction of All-Flo pumps delivers unmatched efficiency and performance.

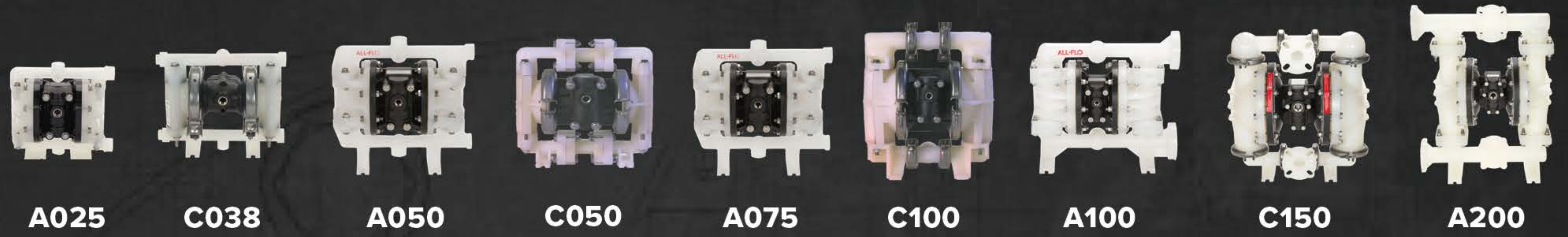
COMPATIBILITY

Mounting feet and liquid porting location designed to match competitors' footprint, reducing replacement cost.



PLASTIC PUMPS SELECTION GUIDE

Our general purpose plastic pumps are available in a polypropylene or PVDF housing. Polypropylene is suitable for use with a wide variety of chemical applications. PVDF offers stronger chemical resistance to both acids and bases, while offering a higher temperature and abrasion protection than polypropylene. Consult www.all-flo.com for specific chemical compatibility.



A025

C038

A050

C050

A075

C100

A100

C150

A200

CONNECTABILITY

Fluid Connection Type

FNPT
FBSPT

ANSI/DIN
Flange
FNPT
FBSPT

ANSI/DIN
Flange

ANSI/DIN
Flange

Fluid Connection Size (inches)

1/4

3/8

1/2

3/4

1

1-1/2

2

Air Inlet Connection (inches)

1/4

3/4

CONSTRUCTION

Pump Style

Bolted

Clamped

Bolted

Clamped

Bolted

Clamped

Bolted

Clamped

Bolted

Materials of Construction - Fluid End

Polypropylene, PVDF

Polypropylene, PVDF, Conductive Nylon

Polypropylene, PVDF

Materials of Construction - Air End

Polypropylene

Polypropylene (Glass-Filled), Viton®/FKM

Available Elastomers

Geolast®, Santoprene®, PTFE

Geolast®, Santoprene®, PTFE, Viton®/FKM

PERFORMANCE

Maximum Lift
ft-H₂O
(m-H₂O)

Dry: 15 (4.6)
Wet: 28 (8.5)

Dry: 10 (3.0)
Wet: 26 (7.9)

Dry: 15 (4.5)
Wet: 26 (7.9)

Dry: 13 (3.9)
Wet: 26 (7.9)

Dry: 17 (5.2)
Wet: 29 (8.8)

Maximum Solids

1/16 in.
(1.6 mm)

1/8 in.
(3.2 mm)

1/4 in.
(6.4 mm)

Maximum Flow Rate

5.7 gpm
(21.6 lpm)

9 gpm
(34 lpm)

17 gpm
(64 lpm)

14 gpm
(53 lpm)

17 gpm
(65 lpm)

40 gpm
(152 lpm)

41 gpm
(156 lpm)

130 gpm
(492 lpm)

160 gpm
(605 lpm)

METAL PUMPS SELECTION GUIDE

Our general purpose metal pumps are available in three materials: aluminum, anodized aluminum, and stainless steel. Aluminum and anodized aluminum offer medium corrosion and abrasion resistance, while stainless steel is suitable for applications that require higher chemical and abrasion resistance. Consult www.all-flo.com for specific chemical compatibility.



A050



A075



A100



A150



A200



A300

CONNECTABILITY						
Fluid Connection Type	FNPT FBSPT			Aluminum: FNPT, FBSPT Stainless Steel: FNPT, FBSPT, ANSI/DIN Flange		Aluminum: FNPT, FBSPT Stainless Steel: ANSI/DIN Flange
Fluid Connection Size (inches)	1/2	3/4	1	1-1/2	2	3
Air Inlet Connection (inches)	1/4			3/4		
CONSTRUCTION						
Pump Style	Bolted					
Materials of Construction - Fluid End	Aluminum, Anodized Aluminum, Stainless Steel					
Materials of Construction - Air End	Aluminum, Polypropylene (Glass-Filled)	Aluminum, PTFE Coated Aluminum	Aluminum, Stainless Steel		Aluminum, PTFE Coated Aluminum	
Available Elastomers	Geolast®, Santoprene®, PTFE, Viton®/FKM, Buna-N, EPDM					
PERFORMANCE						
Maximum Lift ft-H₂O (m-H₂O)	Dry: 15 (4.5) Wet: 31 (9.4)		Dry: 17 (5.2) Wet: 30 (9.1)		Dry: 22 (6.7) Wet: 31 (9.4)	Dry: 24 (7.3) Wet: 32 (9.8)
Maximum Solids	1/8 in. (3.2 mm)		1/4 in. (6.4 mm)		7/16 in. (11 mm)	
Maximum Flow Rate	15 gpm (57 lpm)		48 gpm (182 lpm)		115 gpm (435 lpm)	190 gpm (719 lpm)

SPECIALTY PUMPS SELECTION GUIDE

We offer a variety of specialty pumps to suit your application needs. FDA and Hygienic Pumps are ideal for many common food and beverage fluid transfer applications. Solids handling capabilities are offered in hygienic pumps (1-1/2 in and larger) and 1/2 in and 1 in plastic and metal pumps. Our PTFE pumps are recommended for applications containing highly corrosive process fluids or applications requiring higher temperature resistance. Consult www.all-flo.com for specific chemical compatibility or contact an applications engineer for specific recommendations.



**MAX-PASS®
SOLIDS
HANDLING**



FDA



HYGIENIC

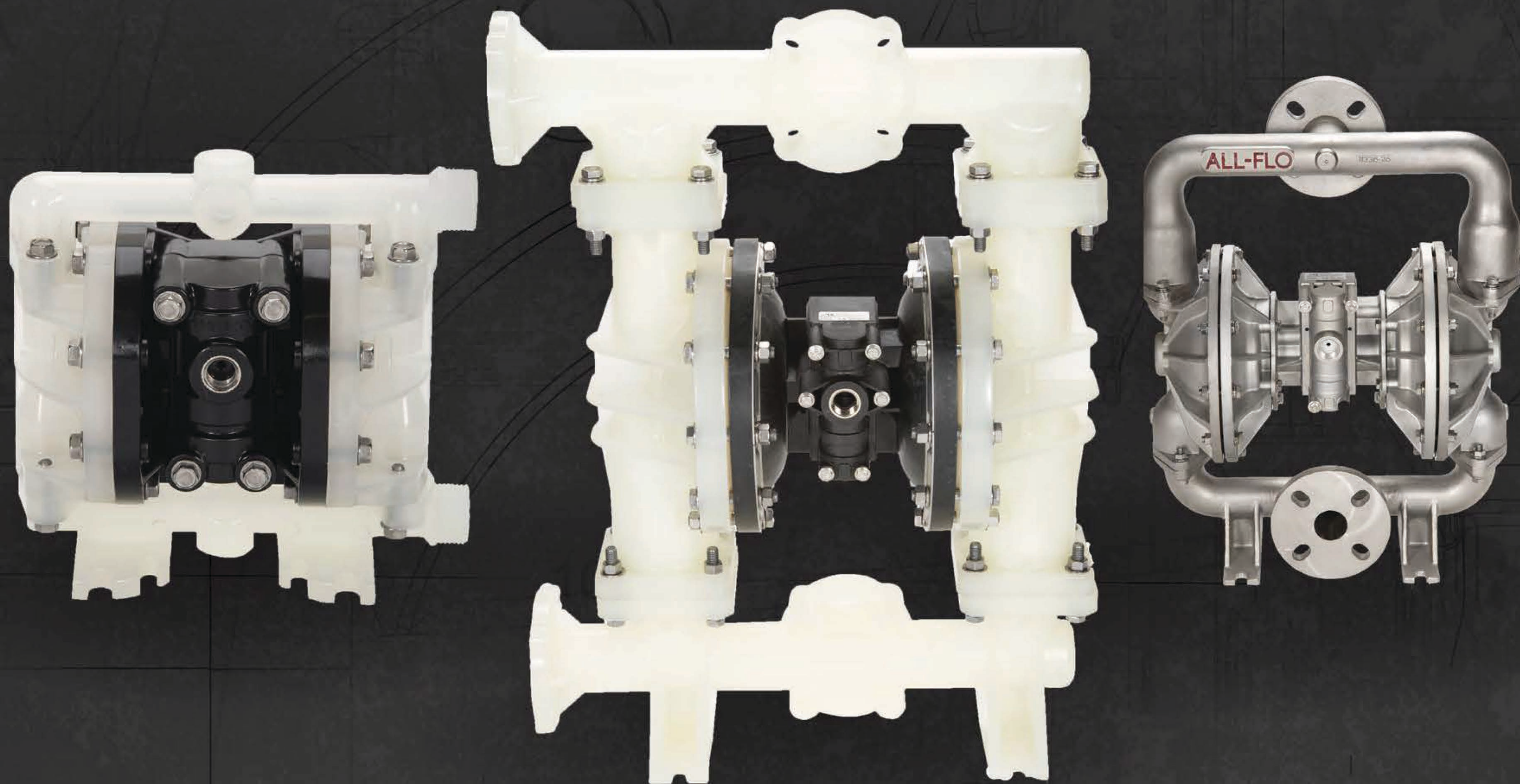


**HIGH
PURITY PTFE**



HDPE

CONNECTABILITY					
Fluid Connection Type	FNPT FBSPT ANSI/DIN Flange	ASTM A270 Tri-Clamp		FNPT FBSPT ANSI Flange DIN Flange JIC Flange	
Fluid Connection Size (inches)	Plastic S038: 3/8 S050: 1/2 S075: 3/4 S100: 1 Metal S050: 1/2 S075: 3/4 S100: 1	F100: 1-1/2 F150: 2 F200: 2-1/2	H038: 1/2 H050: 1 H100: 1-1/2 H150: 2 H200: 2-1/2 H300: 3	T025: 1/4 T038: 3/8 T050: 1/2 T100: 1 T150: 1-1/2 T200: 2	3
Air Inlet Connection (inches)	1/4	F100: 1/2 F150: 3/4 F200: 3/4	H038: 1/8 H050: 1/4 H100: 1/4 H150: 1/2 H200: 1/2 H300: 3/4	T025: 1/8 T038: 1/8 T050: 1/4 T100: 1/4 T150: 1/2 T200: 1/2	3/4
CONSTRUCTION					
Pump Style	Bolted				
Materials of Construction - Fluid End	Aluminum, Anodized Aluminum, Stainless Steel, Polypropylene, PVDF	Polished & Passivated Stainless Steel	Polished AISI 316L Stainless Steel	PTFE, Conductive PTFE	HDPE, Conductive HDPE
Materials of Construction - Air End	S050 & S075: Aluminum, PTFE Coated Aluminum, Polypropylene (Glass-Filled) S100 Metal: Aluminum, PTFE Coated Aluminum, Polypropylene (Glass-Filled) S100 Plastic: Polypropylene (Glass-Filled)	F100: Aluminum, PTFE Coated Aluminum F150 & F200: Aluminum, PTFE Coated Aluminum, Stainless Steel	HDPE, Conductive HDPE		
Available Elastomers	Geolast®, Santoprene®, PTFE, Viton®/FKM	Santoprene®, Hytrel®, PTFE	PTFE, Buna-N, EPDM		
PERFORMANCE					
Maximum Lift ft-H₂O (m-H₂O)	Dry: 15 - 18 (4.5 - 5.5) Wet: 26 - 31 (7.9 - 9.4)	Dry: 17 - 24.4 (5.2 - 7.4) Wet: 30 - 31.7 (9.1 - 9.7)	Dry: 4.9 - 16.4 (1.5 - 5) Wet: 29.5 (9)	Dry: 1.6 - 16.4 (0.5 - 5) Wet: 29.5 (9)	Dry: 16.4 (5) Wet: 29.5 (9)
Maximum Flow Rate	9 gpm - 41 gpm (34 lpm - 156 lpm)	49 gpm - 190 gpm (182 lpm - 719 lpm)	8 gpm - 225 gpm (30 lpm - 850 lpm)	3 gpm - 150 gpm (10 lpm - 565 lpm)	211 gpm (800 lpm)



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MADE IN
THE USA



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