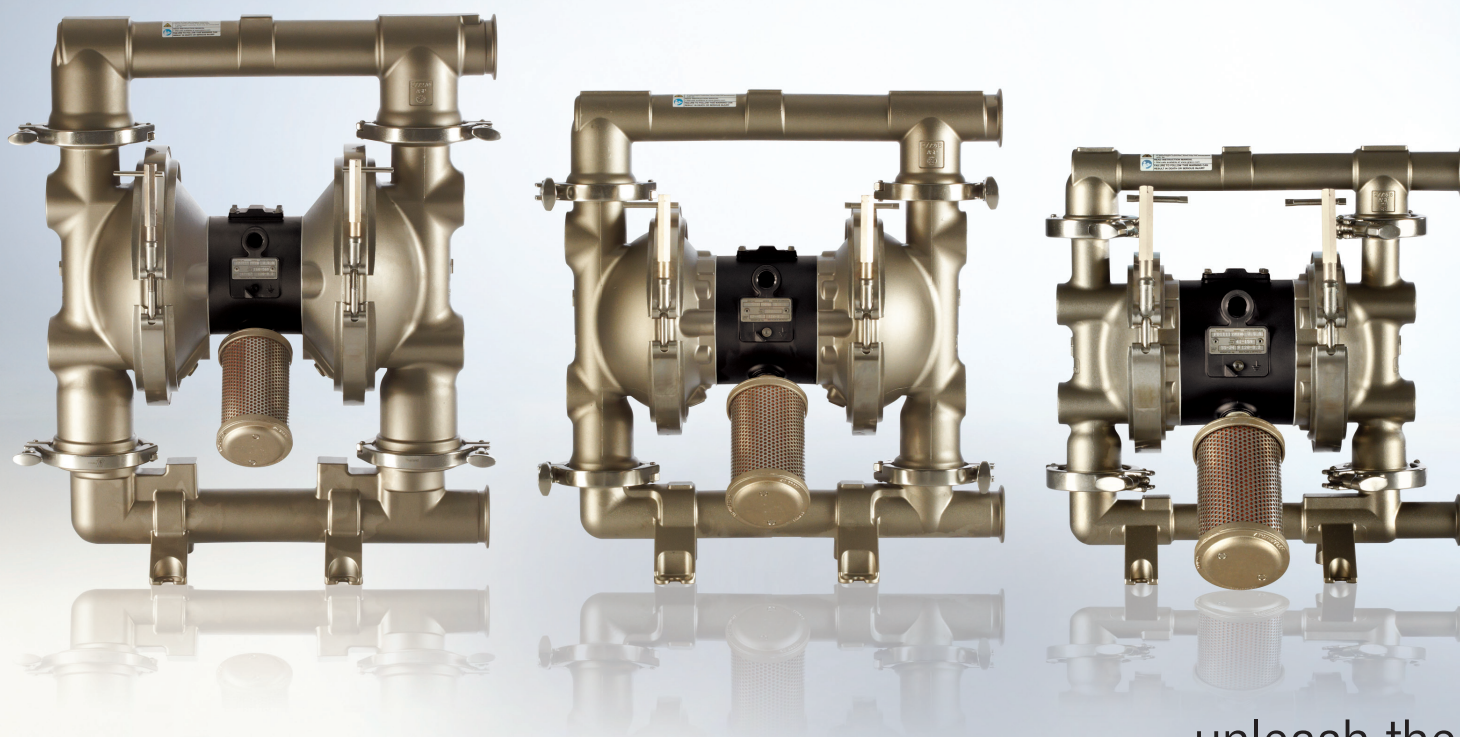




# SaniForce™

Air-Operated Double Diaphragm Pumps



unleash the  
**POWER**

## SaniForce Diaphragm Pumps with Aluminum Centers

- Lower cost sanitary diaphragm pump with same great performance
- Simple, nine piece air valve for ease of maintenance
- Easy to clean, quick knockdown 316 stainless steel fluid section

PROVEN QUALITY. LEADING TECHNOLOGY.

# Ordering Information

## SANIFORCE DIAPHRAGM PUMPS WITH ALUMINUM CENTER SECTIONS

Part Number	Size	Air Motor	Fluid Section	Seats	O-rings	Balls	Diaphragm
FA1111	1.5"	Aluminum	316 SST	316 SST	PTFE	PTFE	PTFE
FA1122	1.5"	Aluminum	316 SST	316 SST	PTFE	Santoprene	Santoprene
FA1132	1.5"	Aluminum	316 SST	316 SST	PTFE	Polychloroprene, SST core	Santoprene
FA1222	1.5"	Aluminum	316 SST	316 SST	EPDM	Santoprene	Santoprene
FA2111	2"	Aluminum	316 SST	316 SST	PTFE	PTFE	PTFE
FA2122	2"	Aluminum	316 SST	316 SST	PTFE	Santoprene	Santoprene
FA2132	2"	Aluminum	316 SST	316 SST	PTFE	Polychloroprene, SST core	Santoprene
FA2222	2"	Aluminum	316 SST	316 SST	EPDM	Santoprene	Santoprene
FA3111	2.5"	Aluminum	316 SST	316 SST	PTFE	PTFE	PTFE
FA3122	2.5"	Aluminum	316 SST	316 SST	PTFE	Santoprene	Santoprene
FA3132	2.5"	Aluminum	316 SST	316 SST	PTFE	Polychloroprene, SST core	Santoprene
FA3222	2.5"	Aluminum	316 SST	316 SST	EPDM	Santoprene	Santoprene

## Technical Specifications

	SaniForce 1040	SaniForce 1590	SaniForce 2150
Maximum fluid working pressure	120 psi (8 bar, 0.8 MPa)	120 psi (8 bar, 0.8 MPa)	120 psi (8 bar, 0.8 MPa)
Air pressure operating range	20-120 psi (1.4-8 bar, 0.14-0.8 MPa)	20-120 psi (1.4-8 bar, 0.14-0.8 MPa)	20-120 psi (1.4-8 bar, 0.14-0.8 MPa)
Maximum air consumption	50 scfm	130 scfm	175 scfm
Air consumption at 70 psi/20 gpm	18 scfm	42 scfm	70 scfm
Maximum free-flow delivery	41 gpm (159 lpm)	100 gpm (379 lpm)	150 gpm (567.8 lpm)
Gallons (Liters) per cycle	0.16 (0.57)*	0.5 (1.9)*	0.97 (3.67)*
Maximum suction lift	29 ft (8.83 m) wet, 16 ft (4.87 m) dry	29 ft (8.84 m) wet, 14 ft (4.27) dry	29 ft (8.83 m) wet, 16 ft (4.87 m) dry
Maximum size pumpable solids	1/8 in (3.2 mm)	3/16 in (4.8 mm)	1/4 in (6.3 mm)
Air inlet size	0.5 in npt(f)	0.5 in npt(f)	0.5 in npt(f)
Fluid inlet/outlet size	1.5 in sanitary flange	2 in sanitary flange	2.5 in sanitary flange
Weight - All models	55 lb (24.9 kg)	89 lb (40 kg)	147 lb (66.7 kg)
Instruction manual	311879	311879	311879

Maximum fluid operating temperature is based on the following maximum diaphragm, ball, and seat temperature ratings

Stainless steel	250°F (121.1°C)	250°F (121.1°C)	250°F (121.1°C)
PTFE	220°F (104.4°C)	220°F (104.4°C)	220°F (104.4°C)
Santoprene	180°F (82.2°C)	180°F (82.2°C)	180°F (82.2°C)
EPDM	275°F (135°C)	275°F (135°C)	275°F (135°C)
Neoprene	200°F (93.3°C)	200°F (93.3°C)	200°F (93.3°C)

\*Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

**877.84GRACO** (1-877-844-7226) or visit us at [www.gracosaniforce.com](http://www.gracosaniforce.com)

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