

Technical Specifications

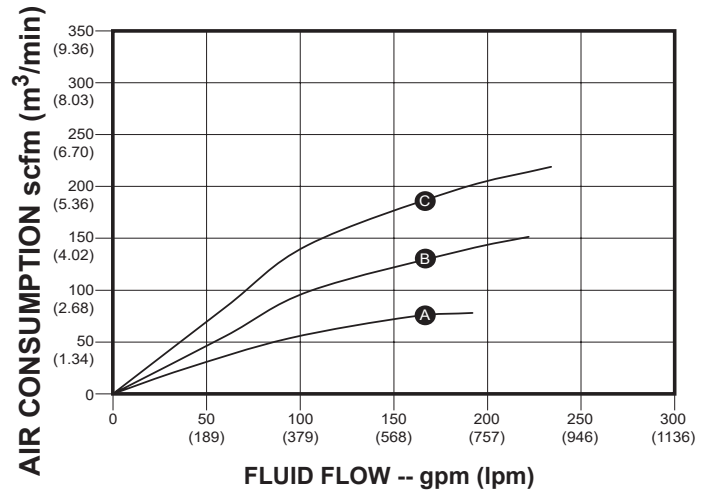
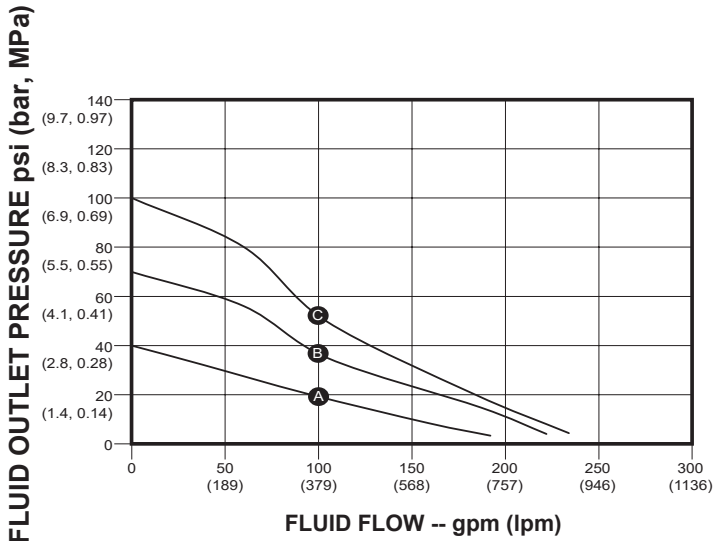
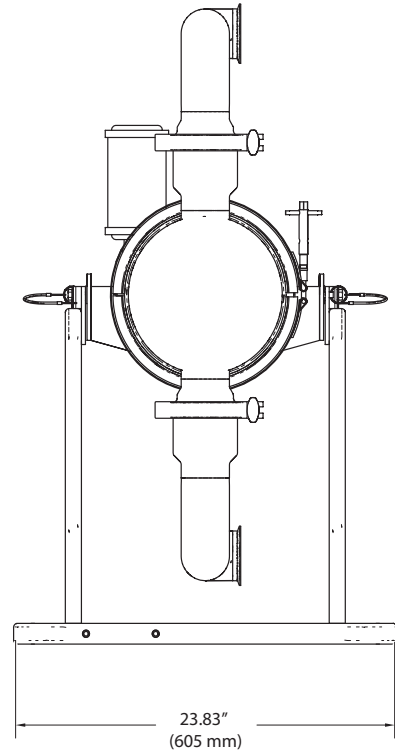
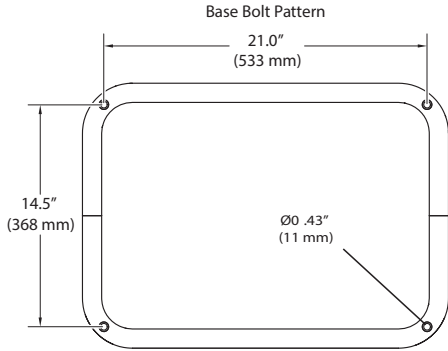
Max. Flow Rate	230 gpm (870 L/min)
Fluid Displacement Per Cycle*	1.2 gal. (4,54 L)
Max. Pump Speed	190 cpm
Max. Fluid Working Pressure	100 psi (6,9 bar)
Air Pressure Operating Range*	20-100 psi (1,4 - 6,9 bar)
Max. Particulate Size (Dia.)	3/4" (19 mm)
Max. Suction Lift	Wet 30 ft. (9,1 m) / Dry 10 ft. (3,0 m)
Max. Temperature	180°F (82.2°C)
Elastomers/Diaphragms	EPDM / Santoprene®
Center Block	FDA Grade Polypropylene
Fluid Section	316SS
Port Configuration	Center Horizontal
Intake / Discharge Connection	3" Tri-Clamp®
Air Inlet / Exhaust Size	3/4" npt(f) / 1" npt(f)
Noise Level at 50 psi (3,4 bar)	91.5 dBa
Max. Viscosity**	25,000 cps (mPas)
Shipping Weight	118 lbs.(53,5 kg)

Technical Notes:

* Flow rate and displacement per cycle may vary based on suction condition, discharge head, air pressure, and fluid type.

** Viscosity range may vary due to factors such as suction condition and media composition.

All fluid contact materials are FDA-compliant and meet the United States Code of Federal Regulations (CFR) Title 21 for repeated use in food-processing machinery. The pump user must verify that the construction materials meet their specific application requirements.



AIR PRESSURE

C 100 psi air (7 bar, 0.7 MPa) A 40 psi air (2.8 bar, 0.28 MPa)

B 70 psi air (4.8 bar, 0.48 MPa)

Note: Pump tested in water with inlet submerged.