



N5100 SERIES | FOR INTERNATIONAL & US MARKETS

ITT Flojet air operated diaphragm pumps offer excellent self-priming capability. Pumps can be located above the supply tank. Suction-side foot valve is recommended for best operation. Liquid pressure is regulated by supply air pressure. No bypass or pressure relief plumbing is necessary. Choice of Santoprene, Buna, or Viton elastomers provide a wide range of chemical compatibility. Quick disconnect liquid and gas port fittings provided for easy installation.



FEATURES

- Compact design with plug-in hose connections for quick installation
- Variety of elastomers to ensure chemical compatibility
- Variable capacity from zero to the maximum flow
- No pressure relief or bypass plumbing required
- Excellent self-priming. Pump may be located above the liquid level

SPECIFICATIONS

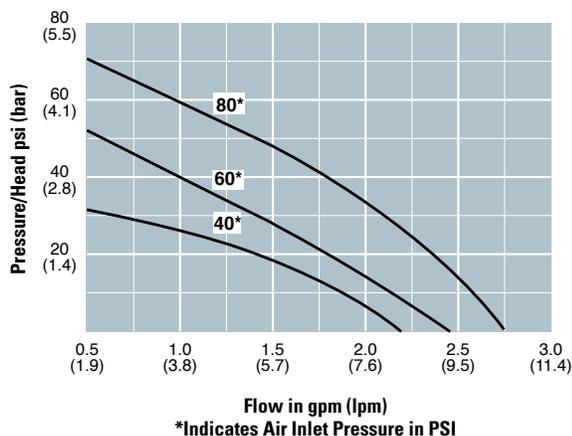
Pump	Air-operated positive displacement double diaphragm pump
Flow Rate	Up to 2.5 GPM (9.5 L/min)
Pressure	20 to 75 PSI (1.38 to 5.51 bar)
Ports	Liquid 3/8" (114.3 mm) Air 1/4" (76.2mm)
Wetted Parts	Buna, Santoprene®, Geolast® or Viton® for diaphragms and valves Acetal copolymer for housing
Self-Priming	28 ft. (8.5 m) Dry, 32 ft. (9.8 m) Wet
Gas/Air Consumption	Air Supply must be oil-free and dry, 40 PSI at 1 GPM - 0.45 C.F.M., 60 PSI at 1 GPM - 0.58 C.F.M., 80 PSI at 1 GPM - 0.77 C.F.M.

INST. SHEET #81000-363

MODELS

MODEL #S	CE	DIAPHRAGM	CHECK VALVE	LIQUID FITTINGS	AIR INLET & AIR OUTLET	MAX OPEN FLOW GPM (LPM)	COMMENTS
N5100010	Yes	BUNA	BUNA	3/8" HB ST	1/4" HB St	2.5 (9.5)	
N5100020	Yes	VITON	VITON	3/8" HB ST	1/4" HB St	2.5 (9.5)	
N5100040	Yes	SANTOPRENE	SANTOPRENE	3/8" HB ST	1/4" HB St	2.5 (9.5)	
N5100050	Yes	GEOLAST	GEOLAST	3/8" HB ST	1/4" HB St	2.5 (9.5)	
N5100500	Yes	SANTOPRENE	SANTOPRENE	3/8" HB ST	1/4" HB St	2.5 (9.5)	Teflon O-Ring

PERFORMANCE



DIMENSIONAL DRAWING

UNLESS OTHERWISE STATED DIMENSIONS IN [] ARE IN MM.

