

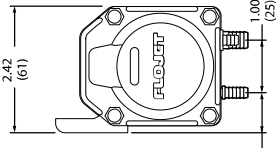
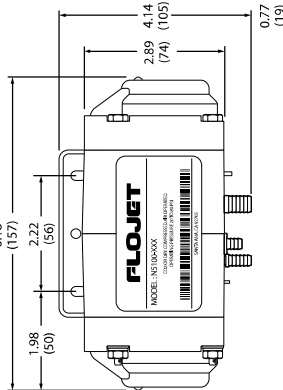
N5100 Series

Air Driven



DIMENSIONAL DRAWINGS

Unless otherwise stated, dimensions are in inches and (mm).



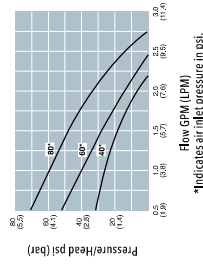
FOR INTERNATIONAL & US MARKETS

Flojet air-operated diaphragm pumps offer excellent self-priming capability. Pumps can be located above the supply tank. A 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 EP/PP blend, Buna, or FKM elastomers provide a wide range of chemical compatibility. Quick disconnect liquid and gas port fittings provide easy installation.

FEATURES

- Compact design with plug-in hose connections for quick installation
- No pressure relief or bypass plumbing required
- 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

PERFORMANCE



MODELS

MODEL #	CE	OPEN FLOW	DIAPHRAGM	CHECK VALVE
N5100010	Yes	2.5 GPM (9.5 LPM)	Buna	Buna
N5100020	Yes	2.5 GPM (9.5 LPM)	FKM	FKM
N5100040	Yes	2.5 GPM (9.5 LPM)	EP/PP blend	EP/PP blend
N5100050	Yes	2.5 GPM (9.5 LPM)	Buna/PP blend	Buna/PP blend
N5100500*	Yes	2.5 GPM (9.5 LPM)	EP/PP blend	EP/PP blend

*Teflon O-ring

SPECIFICATIONS

PUMP DESIGN	Air-operated positive displacement double diaphragm pump
MAX FLOW RATE	2.5 GPM (9.5 LPM)
PRESSURE	20-75 psi (1.4-5.5 bar)
SELF-PRIMING	28" (8.5m) dry, 32" (9.8m) wet
PORTS	Liquid - 3/8" (10mm), Air - 1/4" (6mm)
LIQUID FITTINGS	3/8" (10mm) HB ST
AIR INLET/OUTLET	1/4" (6mm) HB ST
WETTED PARTS	Buna, EP/PP blend, buna/PP blend or FKM for diaphragms and valves, acetal copolymer for housing
GAS/AIR CONSUMPTION	Air supply must be oil-free and dry 40 psi at 1 GPM - 0.5 CFM, 60 psi at 1 GPM - 0.6 CFM, 80 psi at 1 GPM - 0.8 CFM

IOM #81000-363

Accessories & Fittings

Electric Pump Fittings

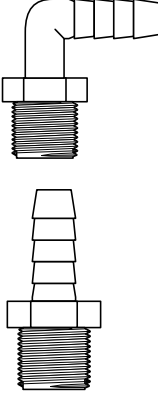
FOR INTERNATIONAL & US MARKETS

MODELS

PART # (STRAIGHT)	PART # (ELBOW)	DESCRIPTION
91010-032	91010-033	3/8" (10mm) NPTM x 1/4" (6mm) barb
91010-004	91010-003	1/4" (6mm) NPTM x 3/8" (10mm) barb
91010-002	91010-001	3/8" (10mm) NPTM x 3/8" (10mm) barb
91010-034	91010-025	1/4" (6mm) NPTM x 3/8" (10mm) barb
91010-006	91010-005	3/8" (10mm) NPTM x 1/2" (13mm) barb
91010-053	91010-052	1/4" (6mm) NPTM x 1/4" (6mm) barb
91006-477A	N/A	Wire harness 9' (3m) with fuse rocker switch and in-line connector

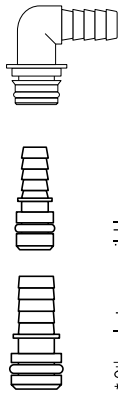
NYLON BARBED STRAIGHT/ELBOW

For use with all Duplex II Series pumps (3/8" [10mm] NPT only).



PLASTIC (POLYPROPYLENE, EPDM)* INLETS & OUTLETS

For use with all Triplex, Quad and G57 Series pumps.

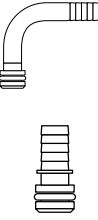


* Other elastomers available.

Gas Pump Fittings and LFP Fittings

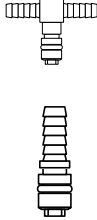
STAINLESS STEEL INLETS & OUTLETS (LIQUID FITTINGS)

For use with all 5100 Series pumps.



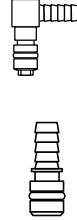
BRASS CO./AIR INLETS WITH SHUT-OFF VALVE (AIR FITTINGS)

For use with all 5100 and G Series pumps.



PLASTIC (CELCON) CO./AIR INLETS

For use with all 5100 and G Series pumps.



MODELS

PART # (STRAIGHT)	PART # (ELBOW)	DESCRIPTION
20324-030	20607-100	1/4" (6mm) hose barb
20325-030	20608-100	3/8" (10mm) hose barb
20606-100	N/A	1/2" (13mm) hose barb

MODELS

PART #	DESCRIPTION
1510-000	1/4" (6mm) hose barb, straight
1520-000	1/4" (6mm) hose barb, tee
1521-000	1/4" (6mm) hose barb, elbow

MODELS

PART #	DESCRIPTION
20325-033	1/4" (6mm) hose barb, straight