



N-Series "All-Purpose" Piston Pumps

2:1 Ratio, Stainless Steel or Carbon Steel Lower End Construction, Stub/55-gallon Models

Features

- **Patented ARO® Stall-Free, Ice-Free Air Motor Design:** Your guarantee of trouble-free pump operation. The N Series air motor also contains fewer parts and requires absolutely no mechanical assist devices such as trip rods or push pins.
- **Higher Flows-** The new 2:1 N-Series pump features higher flows (4.3 GPM/ 16.3 lpm vs. 4.0 GPM /15.1 lpm max.) than its predecessor.
- **Over 10 Million Cycles:** In field tests under rigorous, real-world working conditions, the new N-Series 2:1 pumps have turned over more than 10-million cycles-and are still running!
- **Smooth, Low Pulse Flow:** The 2:1 pumps cycle rate delivers a smoother flow with less pulse, making it ideal for handling sensitive materials.
- **Broad Application*:** The new N's can pump higher viscosity materials-making them ideal for a wide variety of fluids including:
 - Coatings
 - Adhesives
 - Resins
 - Solvents
 - Chemicals
 - Laquers
 - Sealants
- **Choose Your Pump Type:** Stub (wall-mountable) or 55-Gallon
- **Choose Your Lower End (Cylinder/Plunger)Wetted Materials:** Carbon or 316 Stainless Steel
- **Choose Your Packings:**
 - Upper:** Ryton-Filled PTFE, UHMW-PE or Polyurethane
 - Lower:** PTFE, UHMW-PE
- **New Packing Design Delivers Long Life:** The 2:1 N Series upper and lower packings feature a new packing design that has proven to last 3-times longer than prior designs in working field tests.
- **Excellent for Moisture/Air Sensitive Materials:** Including inert blanket applications using ports supplied on outlet body and optional bung adaptor.
- **Divorced Design Tie Rods:** Provide easier, faster service while preventing air motor contamination.
- **5-Year Warranty:** Peace of Mind

* Consult factory for questions pertaining to specific applications



NM2202B-11-X31
Stainless Steel
Stub Model

NM2202A-11-X31
Carbon Steel
Stub Model

NM2202B-41-X31
Stainless Steel
55-Gallon Model

NM2202A-41-X31
Carbon Steel
55-Gallon Model

Note: Bung Adapter #67145-4-B (Not Shown in Picture)
Included on All Models

See reverse for Performance and Ordering data

Distributed By:



N-Series "All-Purpose" Piston Pumps

Performance Specifications / Ordering Information

2:1 Ratio, Stainless Steel, Carbon Steel-Constructed Pumps

Performance Specifications

Air Inlet Pressure Range: 30-150 psi. (2-10.3 bar)

Fluid Pressure Range: 70-350 psi. (4.8-24.2 bar)

Max. Rec'd Cycles / Minute: 120

Displacement In.³(cm³) Per Cycle: 8.3

Cycles Per Gallon: 27.9

Flow @ 60 Cycles/Minute: 2.15 gpm (8.14 lpm)

Noise Level @ 100 psi: 80 db (A)

Air Motor: 67316

Repair Kits: Air Motor: 637377
Lower Pump: 637378-X31 (Carb. Steel)
Lower Pump: 637379-X31 (Stain. Steel)

Air Motor Diameter: 2" (5.08)

Stroke: 3" (7.62)

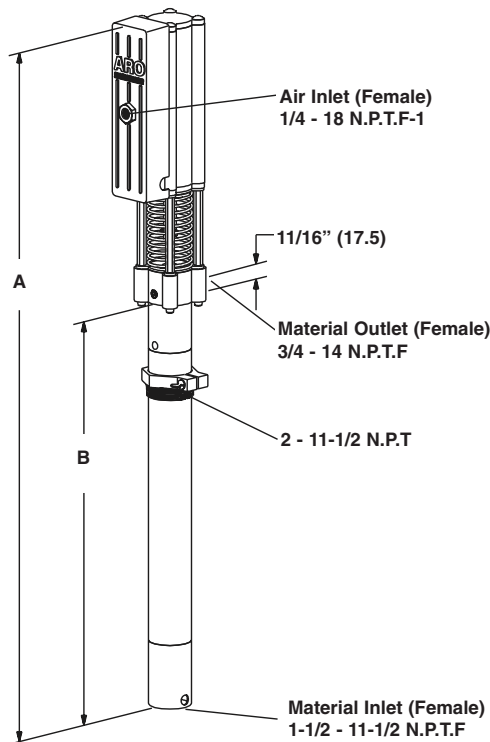
Air Inlet : (Female) 1/4 -18 NPTF

Material Inlet: Stub: (Female) 1 1/2 NPTF
55-Gallon: Immersed

Material Outlet: (Female) 3/4 NPTF

Max. Working Flow Rate: 4.3 gpm (16.3 lpm)

Volume / Cycle: 4.59 Oz. (135.6 ml)



Model	A (mm)	B (mm)	Weight (kg)
NM2202A-11-X31	34-3/16" (868)	20-1/16" (508.8)	17.5 (7.9)
NM2202A-41-X31	47-7/8" (1214.8)	33-11/16" (855.6)	19.6 (8.9)
NM2202B-11-X31	33-7/8" (859.9)	19-7/8" (503.7)	17.2 (7.8)
NM2202B-41-X31	47-3/4" (1211.8)	33-11/16" (855.6)	22.5 (10.2)

Ordering Information

NM2202X - X1 - X31

Model

A-Carbon Steel
B-Stainless steel

Type

1-Stub
4-55-Gallon

Packings (Upper/Lower)

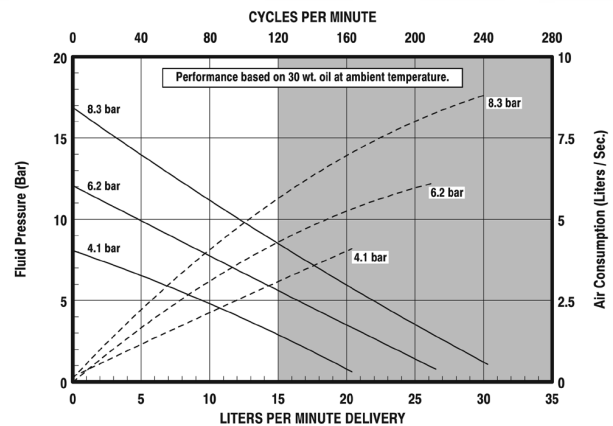
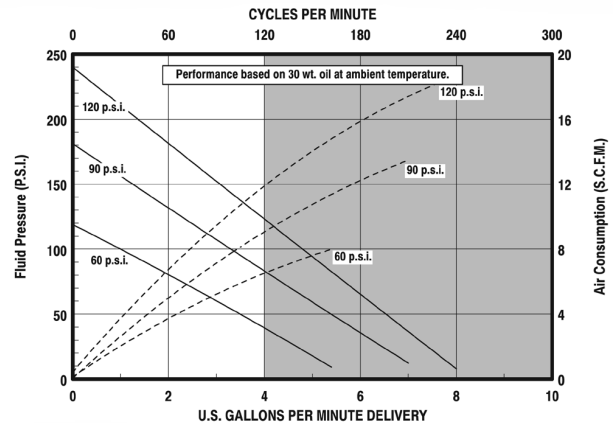
7-Ryton-Filled PTFE/PTFE
C-UHMW-PE/UHMW-PE
J-Polyurethane/UHMW-PE

Accessories

61113 Wall Mount Bracket: For open-head drum or wall-mounting, bracket features heavy-duty construction with all necessary hardware for quick installation.

66073-1 Air Line Connection Kit: Kit includes ARO air filter/regulator with 5-foot length of air hose, gauge and coupler/connector.

67088-4 Sealed Bung Assembly: Used for inert blanket applications.



NM2202X-X2