

AF0409 Series Pumps

9:1 Ratio, 4-1/4" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

Pump Specifications	
Ratio	9:1
Stroke (double acting)	4" (10.2 cm)
Material Inlet	1-1/4" NPT(F)
Material Outlet	3/4" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	0 - 150 (0 - 10.3)
Fluid Pressure Range psi (bar)	0 -1350 (0 - 93.1)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	11.0 (180.2)
Cycles/gal (L)	21 (5.5)
Flow @ 60 Cycles gpm (L/min)	2.9 (10.8)
Noise Level @ 60 psi dBA	89.2
Weight* lb (kg)	5 Gallon - 35 (15.9) 55 Gallon - 45 (20.4)

*Estimated weight. Contact Technical Support for exact weight.



Materials

Oils Paint Coatings Chemicals



2-Ball Lower End Style

- Excellent for low- to medium-viscosity materials up to 100,000 cPs.
- Fluid delivery up to 18.1 gpm (68.6 L/min)

Pump Model**	Container Suitability	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 316 Stainless Steel						
AF0409C11FF22	5 Gallon	316 Stainless Steel	UHMW-PE	UHMW-PE	1875C11FF22	K1875C11FF00
AF0409C11FF29	5 Gallon	304 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	1875C11FF29	K1875C11FF00
AF0409C11SS22	5 Gallon	316 Stainless Steel, Ceramic Coated Tube	Virgin PTFE	Virgin PTFE	1875C11SS22	K1875C11SS00
AF0409C11VF2E	5 Gallon	316 Stainless Steel, Ceramic Coated Tube	Viton	UHMW-PE	1875C11VF2E	K1875C11VF00
AF0409C11VF29	5 Gallon	304 Stainless Steel, Ceramic Coated	Viton	UHMW-PE	1875C11VF29	K1875C11VF00
AF0409C51SS22	55 Gallon	316 Stainless Steel	Virgin PTFE	Virgin PTFE	1875C51SS22	K1875C11SS00
AF0409C51FF22	55 Gallon	316 Stainless Steel	UHMW-PE	UHMW-PE	1875C51FF22	K1875C11FF00

**Add "-1" to Model No. for Ball Valve Regulator

RECOMMENDED ACCESSORIES



67445-1
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



67136
Floor/Follower Plate Adapter



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS 5-GALLON UNIT

A ¹ in (mm)	34.12 (866.55)
B in (mm)	17.78 (451.7)
C in (mm)	11 (279.4)

DIMENSIONS 55-GALLON UNIT

A ¹ in (mm)	57.46 (1459.48)
B in (mm)	41.12 (1044.55)
C in (mm)	34.34 (872.34)

¹For models without ball valve regulator subtract 2.08 in (52.83 mm)

For manuals, flow curves, and more



For simple pump selection or application assistance



ARO



9:1 Ratio Pump Packages



ALX Series
Drum Cover Agitator w/Lift

55
GALLON

Packages					
Model No.	Package Type	Pump Model	Lift Model	Drum Cover	Material Hose
AL0409C51FF22002	Drum Cover w/Agitator Lift	AF0409C51FF22	640067	66197	623600-10

RECOMMENDED ACCESSORIES



Extrusion Guns

651533 For low- to medium-viscosity fluids 1/4" NPS (M) inlet
641523-1 Wetted parts are 300 Series SS with PTFE packings



Extrusion Gun Nozzle Kits

66541-6 Orifice .063" (1.63 mm)", **66541-9** Orifice .093" (2.36 mm),
66541-2 Orifice .125" (3.17 mm)



Swivel

636085 Straight, 3/8" (M) x 3/8" (F) / fabric with neoprene / 8,000 psi (552 bar) max. working pressure
636088 Z-360°, 3/8" (M) x 3/8" (F) / fabric with neoprene / 8,000 psi (552 bar) max. working pressure
75364 Straight, for use with 651533 gun / 1/4"-18 NPTF to 1/4"-18 NPSM / 10,000 psi (690 bar) max working pressure



Material Filters

1/2" F (2) inlet 1/2" F (1) outlet / 6,000 psi (414 bar) max. / 200 micron
651420-70 for Carbon Steel
651422-70 for Stainless Steel



3/8" Fluid Pressure Regulators

651780-A3A-B Regulated 400 – 1,250 psi (28 – 86 bar) / 3,000 psi (207 bar) max. inlet / stainless steel
651780-B1A-B Regulated 400 – 1,250 psi (28 – 86 bar) / 3,000 psi (207 bar) max. inlet / carbon steel
651780-B1B-B Regulated 1,000 – 3,000 psi (69 – 345 bar) / 6,000 psi (414 bar) max. inlet / carbon steel
651780-B3R-B Regulated 400 – 5,000 psi (28 – 345 bar) / 6,000 psi (414 bar) max. inlet / stainless steel

Other Accessories & Repair Kits

62274	Air Line Oil
96916	Standard Air Motor Muffler
66333-B	Wet-Sol (1 Quart)
P39344-100	Filter/Regulator
104327	Filter/Regulator Repair Kit
637489	Universal Air Motor Service Kit