



Authorized Distributor of

INGERSOLL RAND ARO, ALBIN PUMP, MILTON ROY, FLOWROX, FLUIDMIX and NAKAKIN

DIE ARO AFX KOLBENPUMPEN



Einfachheit als Ingenieurskunst

Das Herz der ARO-Force Kolbenpumpen sind erstklassige Luftmotoren, die sich durch unsere geschützte AFX-Technologie auszeichnen. Mit nur fünf beweglichen Teilen sind diese Motoren zukunftsweisend und einfach.

- Einfaches Design – Die AFX Motoren haben 40% weniger Bauteile als die Motoren der Mitbewerber und sind dadurch sowohl ausfallsicher als auch einfach zu warten.

- Einfach zuverlässig – mit 5 Jahren Garantie laufen die AFX Motoren in jeder Anwendung zuverlässig.
- Einfach sicher – ATEX zertifiziert, erdbar, Standard-Schalldämpfer, integrierter Druckregler.



Paired to perform

The right package for your application

Most applications require more than just a pump. ARO piston pumps offer a wide range of transfer, extrusion, and finishing packages that not only enhance your productivity, but also simplify the ordering process. We provide you with the right configuration of air motor, piston pump, mount, follower, controls, and down-stream accessories; you simply attach an air hose, connect the package to the fluid source, attach a fluid outlet line and you're good to go.

❶ Pump

Coupled with our air motor, we can configure our 2-ball, 4-ball, and chop-check pumps to be optimised for your application.

❷ Air motor

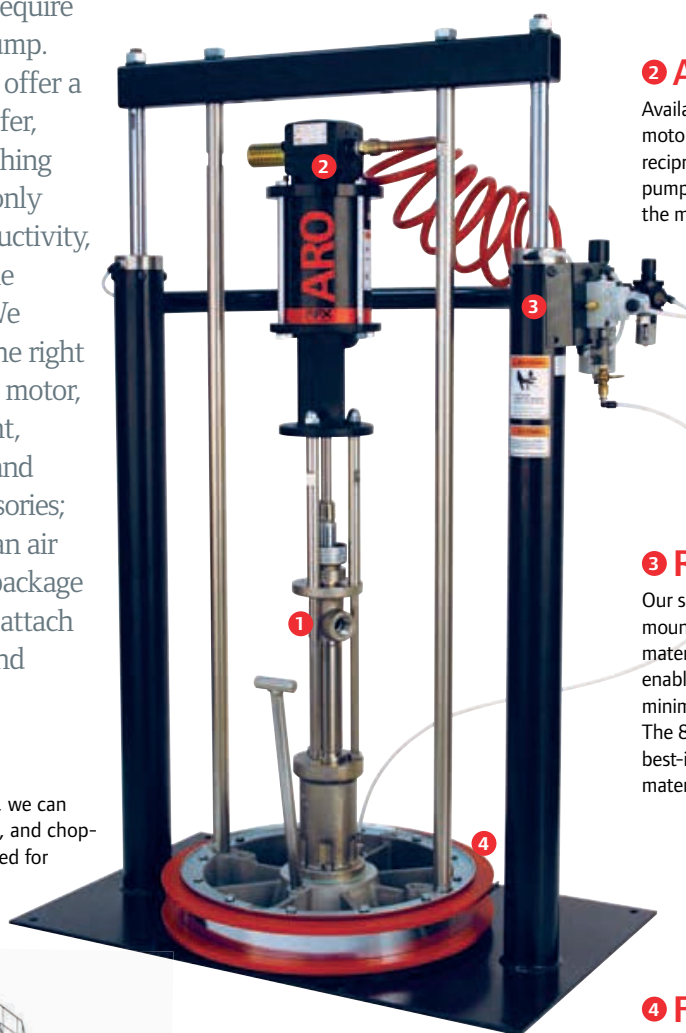
Available in five sizes, our air motors provide power and reciprocating motion to our pumps. The larger the air motor, the more power it delivers.

❸ Ram

Our single-post, two-post, and cart-mounted systems are used to pump material out of containers. They enable quick container changeover, minimising process interruptions. The 8.26 cm cylinders deliver best-in-class down force, improving material supply to the pump.

❹ Follower plate

Connected to the pump and the ram, follower plates feed material into the pump from a variety of container sizes. In addition to improving pump performance, follower plates protect your material and reduce waste.



SIMPLY VERSATILE

LUBRICANTS • URETHANES • MASTICS • SILICONES
SEALANTS • ADHESIVES • CAULKS • INKS • EPOXIES

Application packages

FINISHING, COATINGS, SEALANTS, INKS, AND ADHESIVES



TPX Package

Features a two-post ram, pump, follower plate and controls designed for high-viscosity applications when maximum down force is required. Available in 20- and 220-gal containers.



SPX Package

Ideal for medium- to heavy-viscosity extrusion, ARO Fluid Product's single-post ram with pump, follower plate, and controls allows for easy container changeover while providing industry-leading down force during operation.



CMX Package

Popular in airless spray applications, these packages feature a high-pressure pump, air control, material filter, and suction hose — all mounted on a heavy-duty cart.



CLX Package

When portability is required for light- to medium-viscosity (less than 50,000 cPs) extrusion, our cart-mounted lift with follower plate allows for easy container changeover.



ALX Package

Ideal for finishing and adhesive applications where you need to keep fluid mixed. Includes lift, drum cover, agitator, and air controls.

LUBRICATION



DCX Package

The ARO line of lubrication pumps can be configured with a drum cover and air controls for the transfer and supply of oil and grease.



DMX Package

Same as DCX but this has a bung adapter to thread into container rather than a drum cover.

BULK MATERIAL TRANSFER / CIRCULATION



FMX Package

Ideal for fluid transfer from tanks and piping systems, pumps come with a floor-mountable stand to connect to inlet piping.



WMX Package

The compact design of our piston pumps make them ideal for mounting on walls or appropriate structures. This package includes the pump and bracket for vertical mounting on structures.

HIGH-PRESSURE CLEANING



WPX

When it is time to clean up, our wash pump is a great high-power cleaning solution. Includes pump, wall mount bracket, suction tube assembly, and spray wand.

Recommended accessories



Fluid Regulators



Material Filters



Extrusion Guns



Lubrication Meters



Siphon Hoses



Wet Sol® Packing Lubricants



ARO Stop Overrun Controls



High-Output Mufflers



Filter Regulators

Engineered simplicity

Introducing AFX air motor technology

At the heart of ARO-Force piston pumps are superior air motors, featuring our proprietary AFX technology. With only five moving parts, our air motors are truly advanced, yet simple. No other air motor out there delivers the precise performance, flexibility, and simplicity of an AFX air motor.

AFX air motors feature technology that no one else has:

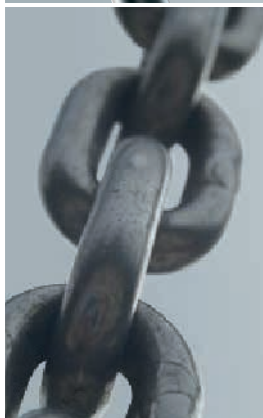
- **Progressive Exhaust** — enhances pump performance
- **True Link Valve** — reduces changeover time



Simply designed

AFX air motors have around 40% fewer parts than competitive models.

- Best engineered motor on the market
- Minimised failure risk due to fewer moving parts
- Designed and constructed for easy access and maintenance
- Universal maintenance kit for all AFX air motors



Simply reliable

Backed by a 5-year warranty, our AFX air motors perform reliably in any application.

- Progressive Exhaust enhances pump performance
- True Link Valve virtually eliminates pulse profile
- No springs to fail due to fatigue or corrosion
- Requires no lubrication and no lubricator installation



Simply safe

We incorporate important features to make our AFX air motors as safe as possible.

- Dump pressure manually
- Groundable
- ATEX-compliant
- Standard muffler

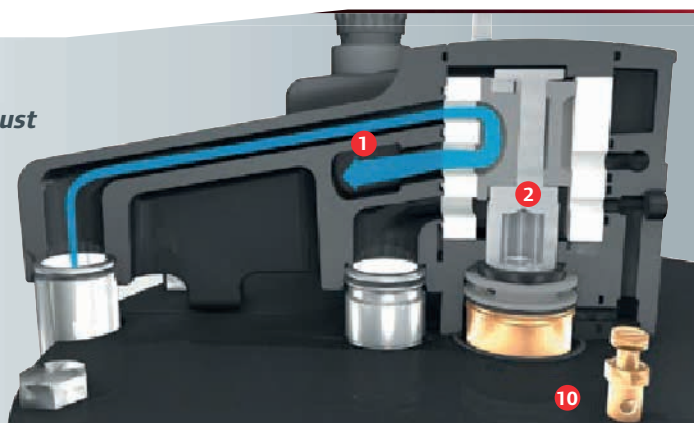
Five motor sizes, one simple approach

Whether you have a 4-1/4" motor, a 12" motor, or any in between, the ARO-Force family offers these convenient features and benefits:

- Our **universal air motor kit** can service all AFX motors. You only need to stock one, which means reduced spare-parts inventory.
- Modular design reduces downtime by making repairs quick.
- Only have to learn how to service one air motor.



Cut-away view of AFX pump valve block featuring our innovative **Progressive Exhaust** and **True Link Valve** technology



AFX reliability features:

- 1 Progressive Exhaust** Parabolic valve geometry and cascading expansion chambers practically eliminate variability in pump performance caused by changing environmental conditions or icing.
- 2 True Link Valve** Our pulse profile is virtually undetectable. Highly polished ceramic valve plates and PTFE-filled acetal valve components are directly linked to the drive piston, creating an industry-leading changeover time of less than one-tenth of a second. There are no springs to fail or consume energy. Patent pending.
- 3 Fiber-wound, conductive composite cylinder** outlasts the competition's metal cylinders with superior seal wear created by the epoxy surface; metal cylinders can seize with piston if seal failure occurs.
- 4 Lubrication-free operation** ensures peace of mind while saving you the cost of lubricating your pump.
- 5 6" stroke** results in improved performance for your process with high displacement per stroke, improved pulse profile, and reliability due to fewer switch-overs per cycle.



AFX designed simplicity features:

- 6 Universal valve block** reduces downtime since it's easily serviced and interchangeable between all motor sizes.
- 7 Universal lower end pump connection** permits interchangeability between various sized air motors and pump ratios — you can upgrade the motor without buying a new pump.
- 8 Compact design** makes it easier to incorporate our pumps into OEM equipment.
- 9 Actuation control ports** provide access for pneumatic logic signal controls. Patent pending.



AFX safety features:

- 10 Groundability** provides safe operation where static charge build-up and sparking is a concern. Our groundable pumps are ATEX-compliant. 
- 11 Optional integrated ball valve regulator** enhances safety by enabling air pressure to be set using a regulator, to be checked visually by reading the gauge, and to be dumped manually; also eliminates need for installation and expense of extra plumbing, regulators, or valves. Patent pending.

Simply better pumps

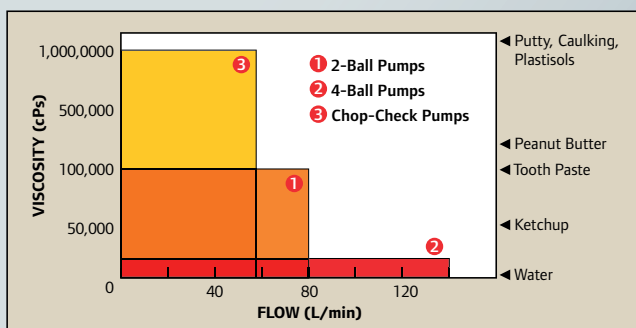
Introducing AFX pump technology

Whether your application requires a 2-ball, 4-ball, or chop-check piston pump, with ARO-Force you get a pump that's better engineered, from the inside out. We offer design features and performance enhancements that ensure your pump is as durable and dependable as possible — maximising output and minimising downtime for a long time to come.

Pump selection made simple

With an AFX piston pump, you're getting the best, most reliable equipment with the least amount of effort, calculation, or hassle on your part. There are basically four factors to take into consideration when selecting the right configuration for your application:

- ▶ **Type of fluid**
- ▶ **Viscosity or thickness**
- ▶ **Required flow rate**
- ▶ **Required output pressure**



Pump selection at a glance

Knowing fluid viscosity and flow rates makes it easier to choose the right pump for your application.

Not sure what size air motor or piston pump you need? No problem. You can find out simply by calling ARO technical support and working directly with our expert pump consultants, or by visiting our website to use our interactive selection tools. Either way, you'll be sure to get a motor and pump package that operates efficiently, reliably, and safely for years to come. It's simply easier with ARO Fluid Products.



ingersollrandproducts.com/AFX



arohotline@irco.com

Best-in-class output

- **6" stroke** delivers best-in-class displacement per cycle, delivering better flow rate, better output, and less fatigue on parts.

Superior performance with abrasive fluids

- Plunger rods and cylinder tubes feature the **exclusive ARO ceramic ultra-coating**, extending service life up to twice as long. Available on 2-ball. Standard on 4-ball.
- Available in affordable **high-grade stainless-steel** construction.
- Electro-polished and passivated for material compatibility and corrosion-free operation.
- **Eight packing options** are available, including ultra-high molecular weight polyethylene (UHMW-PE), for even better material compatibility and maximum abrasion resistance.
- **Chrome-plated stainless steel plungers** for superior resistance to rust and corrosion.

Easy serviceability

- Plungers and packings are easily accessible, minimising downtime.
- Pump packings on the 2-ball pumps are adjustable, featuring a wave spring and guide arrangement.
- Parts are available in convenient service kits so you have the right parts at the right time.

2-ball pumps



Spray



Extrusion



Transfer and Supply

Materials

- Oils
- Coatings
- Paint
- Chemicals



2-ball pumps are among the most versatile in the ARO-Force line. They are capable of handling applications from simple transfer to the extrusion of low- to medium-viscosity materials up to 100,000 centipoise (cPs) with fluid delivery up to 18.1 gpm (68.6 L/min).

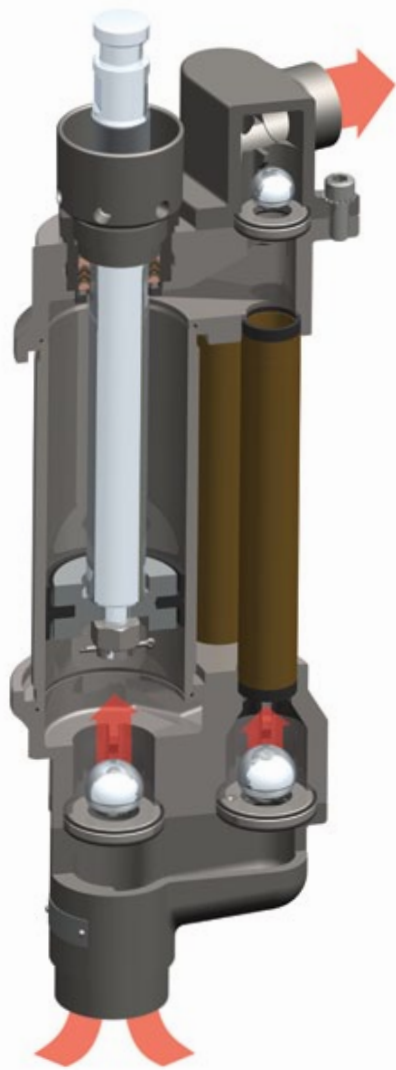
4-ball pumps



Transfer and Supply

Materials

- Paint
- Chemicals
- Varnishes
- Enamels
- Lacquers



ARO-Force 4-ball piston pumps are designed to transfer high volumes of low- and medium-viscosity fluids up to 12,500 cPs with fluid delivery up to 32.8 gpm (124.0 L/min), depending on the application.

A common use involves circulating fluid from the original container, to the point of use, and then back.

Chop-check pumps



Extrusion



Transfer and Supply

Materials

- Caulking
- Heavy lubricants
- Mastics
- Sealants
- Inks



The heavy-hitters of the line, ARO-Force chop-check pumps are designed to move medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs, and at delivery rates up to 12.2 gpm (46.3 L/min).

AF0402 Series Pumps

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



(Model shown w/ ball valve regulator)

Pump Specifications

Ratio	2:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1-1/2" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 -150 (2.1 - 10.3)
Fluid Pressure Range psi (bar)	60 - 312 (4.1 - 21.5)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	82.1 (1345.3)
Cycles/gal (L)	2.8 (0.74)
Flow @ 60 Cycles gpm (L/min)	21.3 (80.6)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	68 (30.8)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply

Materials

Paint	Chemicals	Varnishes
Enamels	Lacquers	



4-Ball Lower End Style

- Designed for high volume transfer of low- and medium-viscosity fluids up to 12,500 cPs.
- Fluid delivery up to 32.8 gpm (124.0 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - 300 Series/CF8M Stainless Steel					
AF0402M11HF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Leather (Staggered)	UHMW-PE	67200-F4B	637317-F4B
AF0402M11RS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Virgin PTFE	67200-R4B	637317-R4B
AF0402M11KS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE	Virgin PTFE	67200-74B	637317-74B
AF0402M11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	67200-C4B	637317-C4B

**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



67187-1
Mounting Post



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

DIMENSIONS

A ¹ in (mm)	45.27 (1149.76)
B in (mm)	21.99 (558.62)
C in (mm)	19.54 (496.32)

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

AF0409 Series Pumps

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



(Model shown w/ ball valve regulator)

DIMENSIONS

220 Litre Unit

A ¹ in (mm)	61.74 (1568.25)
B in (mm)	38.53 (978.71)
Material Inlet	Immersed

Remote Mount Unit

A ¹ in (mm)	35.21 (894.33)
B in (mm)	12.00 (304.80)
Material Inlet	1-1/2" NPT

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

Pump Specifications

Ratio	9:1
Stroke (double acting)	4" (10.2 cm)
Material Inlet	See Dimensions
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)	2.8 (10.5)
Noise Level @ 60 psi dBA	80
Weight* lb (kg)	220 Litre Unit Remote Mount Unit
	49 (22.2) 35 (15.8)

*Estimated weight. Contact Technical Support for exact weight.



Spray



Transfer
and Supply



Extrusion

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 - Carbon Steel						
AF0409A81KS24-02	Remote Mounting	Carbon Steel w/ Hard Chrome	Glass Filled PTFE	Virgin PTFE	1875A81KS24	K1875A11KS24
AF0409A51KS24-02	220 Litre (181.4 kg)	Carbon Steel w/ Hard Chrome	Glass Filled PTFE	Virgin PTFE	1875A51KS24	K1875A11KS24
AF0409A51FF24-02	220 Litre (181.4 kg)	Carbon Steel w/ Hard Chrome	UHMW-PE	UHMW-PE	1875A51FF24	K1875A11FF24
AF0409A81US24-02	Remote Mounting	Carbon Steel w/ Hard Chrome	Glass Filled PTFE/ Leather (Staggered)	Virgin PTFE	1875A81US24	K1875A11US24
AF0409A81HF24-02	Remote Mounting	Carbon Steel w/ Hard Chrome	UHMW-PE	UHMW-PE	1875A81HF24	K1875A11HF24
AF0409A81FF24-02	Remote Mounting	Carbon Steel w/ Hard Chrome	UHMW-PE	UHMW-PE	1875A81FF24	K1875A11FF24
AF0409A91LL2D	20 Litre	Carbon Steel	Leather	Leather	1875A91LL2D	K1875A91LL2D

**Add "-1" to Model No. or for Models Ending in "-02" change to "-12" 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

AF0409 Series Pumps

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



(Model shown w/ball valve regulator)

DIMENSIONS 20-LITRE UNIT	
A ¹ in (mm)	34.12 (866.55)
B in (mm)	17.78 (451.7)
C in (mm)	11 (279.4)
DIMENSIONS 220-LITRE 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)

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 (cm ³)	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)	20 Litre - 35 (15.9) 220 Litre - 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	20 Litre	316 Stainless Steel	UHMW-PE	UHMW-PE	1875C11FF22	K1875C11FF00
AF0409C11FF29	20 Litre	304 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	1875C11FF29	K1875C11FF00
AF0409C11SS22	20 Litre	316 Stainless Steel, Ceramic Coated Tube	Virgin PTFE	Virgin PTFE	1875C11SS22	K1875C11SS00
AF0409C11VF2E	20 Litre	316 Stainless Steel, Ceramic Coated Tube	Viton	UHMW-PE	1875C11VF2E	K1875C11VF00
AF0409C11VF29	20 Litre	304 Stainless Steel, Ceramic Coated	Viton	UHMW-PE	1875C11VF29	K1875C11VF00
AF0409C51SS22	220 Litre	316 Stainless Steel	Virgin PTFE	Virgin PTFE	1875C51SS22	K1875C11SS00
AF0409C51FF22	220 Litre	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

AF0409 Series Pumps

9:1 Ratio, 4-1/4" Air Motor, Lubrication Oil Service



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	9:1
Stroke (double acting)	4" (10.2 cm)
Material Inlet	Immersed
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	75
Displacement/Cycle cu in	12
Cycles/gal (L)	19.2 (5)
Maximum Working Flow Rate gpm (lpm)	3.9 (14.8)
Noise Level @ 60 psi dBA	89.2



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	Packing Service Kit
Lower Pump Model Material - Carbon Steel						
AF0409A13PFL1	Stub	Carbon Steel	Polyurethane	UHMW-PE	60873	637486
AF0409A43PFL1	64 Litre	Carbon Steel	Polyurethane	UHMW-PE	65033-1	637486
AF0409A53PFL1	220 Litre	Carbon Steel	Polyurethane	UHMW-PE	65033	637486

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

DIMENSIONS

	STUB	64 LITRE	220 LITRE	STUB	64 LITRE	220 LITRE
	A [†]			B		
in	31.45	44.46	52.87	15.11	28.13	36.53
mm	798.78	1129.31	1342.82	383.84	714.38	927.91

[†]For models without ball valve regulator subtract 2.08 in (52.83 mm)

RECOMMENDED ACCESSORIES



67445-1
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



F35341-400
Air Line
Filter



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

AF0409 Series Pumps

9:1 Ratio, 4-1/4" Air Motor, Wash Pump



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	33.43 (849.07)
B in (mm)	17.09 (434.14)
C in (mm)	10.31 (261.92)

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

Pump Specifications

Ratio	9:1
Stroke (double acting)	4" (10.2 cm)
Material Inlet	Barbed
Material Outlet	3/8" 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 - 1500 (0 - 103)
Displacement/Cycle cu in	11
Cycles/gal (L)	21 (5.5)
Maximum Delivery/Minute gal (L)	3.9 (14.8)
Noise Level @ 60 psi dBA	89.2
Container Suitability	Stub

Perfect for cleaning

- Cars and Trucks
- Engines
- Construction Equipment
- Aircraft
- Farm Equipment
- Plant Structures
- Railroad equipment
- Fleet Vehicles

With the application of

- Degreasers
- Detergents
- Cleaning Solutions
- Water
- Metal Brighteners
- Aluminum Brighteners

Pump Model *	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Packing Service Kit
AF0409C81BBW2	316 Stainless Steel	Buna "N"	Buna "N"	1875C81BBW2	K1875C81BBW2

*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	F35341-400 Air Line Filter	67442 Ball Valve Regulator	637489 Universal Air Motor Service Kit

AF0411 Series Pumps

11:1 Ratio, 4-1/4" Air Motor, 2-Ball Lower End



(Model shown w/ ball valve regulator)

Pump Specifications

Ratio	11:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2 - 10.3)
Fluid Pressure Range psi (bar)	330 - 1747 (23 - 120)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	14.5 (237.6)
Cycles/gal (L)	15.9 (4.2)
Flow @ 60 Cycles gpm (L/min)	3.7 (14.0)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	42.9 (19.5)
Container Suitability	Remote Mounting

*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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/ Tungsten Carbide Seat					
AF0411G11FF47	17-4 Stainless w/Hard Chrome	UHMW-PE	UHMW-PE	66300-C43	637305-C43
AF0411G11KK47	17-4 Stainless w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66300-343	637305-343
AF0411G11KK48	17-4 Stainless, Ceramic Coated	Glass Filled PTFE	Glass Filled PTFE	66300-34B	637305-343
AF0411G11HH47	17-4 Stainless w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66300-G43	637305-G43
AF0411G11GF47	17-4 Stainless w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66300-P43	637305-P43
AF0411G11RK47	17-4 Stainless w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66300-R43	637305-R43
AF0411G11FF48	17-4 Stainless, Ceramic Coated	UHMW-PE	UHMW-PE	66300-C4B	637305-C43
AF0411G11GF48	17-4 Stainless, Ceramic Coated	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66300-P4B	637305-P43
AF0411G11RK48	17-4 Stainless, Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66300-R4B	637305-R43

**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

A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

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

AF0412 Series Pumps

12:1 Ratio, 4-1/4" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	54.01 (1371.83)
B in (mm)	30.74 (780.69)
C in (mm)	17.74 (450.49)

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

Pump Specifications

Ratio	12:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1" 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 - 2085 (0 - 143.8)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	12.5 (204.8)
Cycles/gal (L)	18.5 (4.8)
Flow @ 60 Cycles gpm (L/min)	3.2 (12.3)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	64 (29)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics Heavy Lubricants	Sealants
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Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel Plated					
AF0412S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66243-C43-B	637071-C43-B
AF0412S11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66243-343-B	637071-343-B
AF0412S11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66243-G43-B	637071-G43-B
AF0412S11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66243-P43-B	637071-P43-B
AF0412S11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66243-R43-B	637071-R43-B

**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



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF0422 Series Pumps

22:1 Ratio, 4-1/4" Air Motor, 2-Ball Lower End



Spray



Transfer
and Supply



Extrusion

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 Specifications

Ratio	22:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2 - 10.3)
Fluid Pressure Range psi (bar)	660 - 3412 (46 - 235)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	7.5 (122.9)
Cycles/gal (L)	30.9 (8.1)
Flow @ 60 Cycles gpm (L/min)	1.9 (7.2)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	42.9 (19.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/Tungsten Carbide Seat					
AF0422G11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66301-C43	637306-C43
AF0422G11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66301-343	637306-343
AF0422G11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66301-G43	637306-G43
AF0422G11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66301-P43	637306-P43
AF0422G11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66301-R43	637306-R43
AF0422G11RK48	17-4 Stainless Steel Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66301-R4B	637306-R43

**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



(Model shown w/ball valve regulator)

DIMENSIONS	
A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

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

AF0423 Series Pumps

23:1 Ratio, 4-1/4" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	23:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1" 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 - 3690 (0 - 254.5)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	6.9 (113.0)
Cycles/gal (L)	33.1 (8.8)
Flow @ 60 Cycles gpm (L/min)	1.8 (6.9)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	63.7 (28.9)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply Materials

Caulking Inks



Extrusion

Mastics Sealants Heavy Lubricants



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel Plated					
AF0423S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66266-C43-B	637071-C43-B
AF0423S11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66266-343-B	637071-343-B
AF0423S11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66266-G43-B	637071-G43-B
AF0423S11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66266-R43-B	637071-R43-B

**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



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	54.01 (1371.83)
B in (mm)	30.74 (780.69)
C in (mm)	17.74 (450.49)

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

AF0430 Series Pumps

30:1 Ratio, 4-1/4" Air Motor, 2-Ball Lower End



Spray



Transfer and Supply



Extrusion

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 Specifications

Ratio	30:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2 - 10.3)
Fluid Pressure Range psi (bar)	900 - 4629 (62 - 319)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	5.5 (90.1)
Cycles/gal (L)	41.9 (11.0)
Flow @ 60 Cycles gpm (L/min)	1.3 (4.9)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	42.9 (19.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/Tungsten Carbide Seat					
AF0430G11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66302-C43	637307-C43
AF0430G11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66302-343	637307-343
AF0430G11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66302-G43	637307-G43
AF0430G11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66302-P43	637307-P43
AF0430G11GF48	17-4 Stainless, Ceramic Coated	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66302-P4B	637307-P43
AF0430G11HH48	17-4 Stainless, Ceramic Coated	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66302-G4B	637307-G43

**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



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

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

AF0443 Series Pumps

43:1 Ratio, 4-1/4" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

DIMENSIONS		
	Standard	Ext. Tie Rods
A ¹ in (mm)	42.09 (1069.09)	50.99 (1295.15)
B in (mm)	24.44 (620.83)	33.34 (846.89)
C in (mm)	14.19 (360.48)	14.19 (360.48)

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

Pump Specifications

Ratio	43:1
Stroke (double acting)	4" (10.2 cm)
Material Inlet	Follower Plate Mounted
Material Outlet	1/2" 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 - 6549 (0 - 451.7)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	2.8 (45.8)
Cycles/gal (L)	81 (21.7)
Flow @ 60 Cycles gpm (L/min)	0.74 (2.8)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	44 (20)
Container Suitability	20 Litre (16 kg)

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics Heavy Lubricants	Sealants
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Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series Stainless Steel					
AF0443T21GN47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE Glass Filled PTFE (Staggered)	UHMW-PE, Hydraulic Gland Type	67101-P43	637291-P43
AF0443T21GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE Glass Filled PTFE (Staggered)	UHMW-PE	67101-P48	637291-P48
Lower Pump Material - Carbon Steel, Nickel-Plated					
AF0443S21GN47	Carbon Steel	UHMW-PE Glass Filled PTFE (Staggered)	UHMW-PE, Hydraulic Gland Type	67100-P43	637290-P43
AF0443S21GF47	Carbon Steel	UHMW-PE Glass Filled PTFE (Staggered)	UHMW-PE	67100-P48	637290-P48
AF0443S71GN47***	Carbon Steel	UHMW-PE Glass Filled PTFE (Staggered)	UHMW-PE, Hydraulic Gland Type	67100-P43	637290-P43

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

*** With Extended Tie Rods

RECOMMENDED ACCESSORIES



67445-1
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



67136
Floor/Mount Plate Adapter



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF0450 & AF060B Series Pumps

50:1 Ratio, 4-1/4" Air Motor, Grease Pump

100:1 Ratio, 6" Air Motor, Grease Pump



(Model shown w/ball valve regulator)

Pump Specifications

	4-1/4"	6"
Ratio	50:1	100.0
Stroke (double acting)	4" (10.2 cm)	
Material Outlet	1/2" NPT(F)	
Air Inlet (female)	1/2" NPT(F)	
Air Inlet Pressure Range psi (bar)	0 - 150 (0 - 10)	0 - 100 (0 - 6.9)
Fluid Pressure Range psi (bar)	0 - 7500 (0 - 517)	0 - 10,000 (0 - 690)
Max Delivery/Minute	6 lbs (2.7 kg)	2.1 lbs (0.95 kg)
Material Inlet	Immersed	
Noise Level @ 60 psi dBA	89.2	80.4

Pump Model *	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Packaging Service Kit
Container Suitability - 64 Litre / 54 kg Drum					
AF0450L43PKL1	Carbon Steel	Polyurethane	Glass Filled PTFE	-	637485
AF060BL43PKL1**	Carbon Steel	Polyurethane	Glass Filled PTFE	-	65130
Container Suitability - 220 Litre / 180 kg Drum					
AF0450L53PKL1	Carbon Steel	Polyurethane	Glass Filled PTFE	-	637485
AF060BL53PKL1**	Carbon Steel	Polyurethane	Glass Filled PTFE	-	65130

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

** WARNING: These 100:1 pumps deliver pressures up to 10,000 psi and can only be used in permanently installed systems where the pump is connected directly to piping with the proper rating for the application.

DIMENSIONS

	A†		B		C	
50:1 Ratio	64 Litre Drum	220 Litre Drum	64 Litre Drum	220 Litre Drum	64 Litre Drum	220 Litre Drum
in	44.98	53.10	29.51	37.63	28.33	36.46
mm	1142.47	1348.84	749.48	955.85	719.61	925.98
100:1 Ratio	64 Litre Drum	220 Litre Drum	64 Litre Drum	220 Litre Drum	64 Litre Drum	220 Litre Drum
in	42.09	51.91	26.62	36.43	25.45	35.26
mm	1069.19	1318.41	676.20	925.42	646.33	895.55

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

RECOMMENDED ACCESSORIES



67445-1
4-1/4"
Muffler Kit



23644-400
ARO-Stop
Valve



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

AF0603 Series Pumps

3:1 Ratio, 6" Air Motor, 4-Ball Lower End



(Model shown w/ ball valve regulator)

Pump Specifications

Ratio	3:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1-1/2" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2.1 - 10.3)
Fluid Pressure Range psi (bar)	90 - 457 (6.2 - 31.5)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	112.7 (1846.8)
Cycles/gal (L)	2.05 (0.54)
Flow @ 60 Cycles gpm (L/min)	29.3 (110.8)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	73.25 (33.2)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply

Materials

Paint	Chemicals	Varnishes
Enamels	Lacquers	



4-Ball Lower End Style

- Designed for high volume transfer of low- and medium-viscosity fluids up to 12,500 cPs.
- Fluid delivery up to 32.8 gpm (124.0 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series/CF8M Stainless Steel					
AF0603M11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	67201-C4B	637318-C4B
AF0603M11KS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE	Virgin PTFE	67201-74B	67318-74B
AF0603M11HF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Leather (Staggered)	UHMW-PE	67201-F4B	67318-F4B
AF0603M11RS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Virgin PTFE	67201-R4B	67318-R4B
AF0603M11GF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	67201-P4B	67318-P4B

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

RECOMMENDED ACCESSORIES



67445-2
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



67187-1
Mounting Post



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

DIMENSIONS

A ¹ in (mm)	45.27 (1149.76)
B in (mm)	21.99 (558.62)
C in (mm)	19.54 (496.32)

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

AF0604 Series Pumps

4:1 Ratio, 6" Air Motor, 4-Ball Lower End



(Model shown w/ ball valve regulator)

DIMENSIONS

A1 in (mm)	45.27 (1149.76)
B in (mm)	21.99 (558.62)
C in (mm)	19.54 (496.32)

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

Pump Specifications

Ratio	4:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1-1/2" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2.1 - 10.3)
Fluid Pressure Range psi (bar)	120 - 633 (8.3 - 43.7)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	82.1 (1345.3)
Cycles/gal (L)	2.8 (0.74)
Flow @ 60 Cycles gpm (L/min)	21.3 (80.6)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	71.25 (32.3)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply

Materials

Paint	Chemicals	Varnishes
Enamels	Lacquers	



4-Ball Lower End Style

- Designed for high volume transfer of low- and medium-viscosity fluids up to 12,500 cPs.
- Fluid delivery up to 32.8 gpm (124.0 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series/CF8M Stainless Steel					
AF0604M11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	67200-C4B	637317-C4B
AF0604M11KS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE	Virgin PTFE	67200-74B	637317-74B
AF0604M11HF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Leather (Staggered)	UHMW-PE	67200-F4B	637317-F4B
AF0604M11GF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	67200-P4B	637317-P4B
AF0604M11RS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Virgin Teflon	67200-R4B	637317-R4B

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

RECOMMENDED ACCESSORIES



67445-2
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



67187-1
Mounting Post



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

AF0623 Series Pumps

23:1 Ratio, 6" Air Motor, 2-Ball Lower End



Spray



Transfer and Supply



Extrusion

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 Specifications

Ratio	23:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2.1 - 10.3)
Fluid Pressure Range psi (bar)	690 - 3495 (47.6 - 241)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	14.5 (237.6)
Cycles/gal (L)	15.9 (4.2)
Flow @ 60 Cycles gpm (L/min)	3.8 (14.3)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	46.2 (21)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/Tungsten Carbide Seat					
AF0623G11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66300-C43	637305-C43
AF0623G11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66300-343	637305-343
AF0623G11KK48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE	Glass Filled PTFE	66300-34B	637305-343
AF0623G11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66300-G43	637305-G43
AF0623G11HH48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66300-G4B	637305-G43
AF0623G11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66300-P43	637305-P43
AF0623G11RK48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66300-R4B	637305-R43
AF0623G11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66300-R43	637305-R43
AF0623G11FF48	17-4 Stainless, Ceramic Coated	UHMW-PE	UHMW-PE	66300-C4B	637305-C43
AF0623G11GF48	17-4 Stainless, Ceramic Coated	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66300-P4B	637305-P43

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

RECOMMENDED ACCESSORIES



67445-2
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



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

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

AF0623 Series Pumps

23:1 Ratio, 6" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

DIMENSIONS	
A ¹ in (mm)	54.01 (1371.83)
B in (mm)	30.74 (780.69)
C in (mm)	17.74 (450.49)

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

Pump Specifications

Ratio	23:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1" 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 - 4215 (0 - 290.7)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	12.5 (204.8)
Cycles/gal (L)	18.5 (4.8)
Flow @ 60 Cycles gpm (L/min)	3.2 (12.3)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	67.3 (30.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics Heavy Lubricants	Sealants
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Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel Plated					
AF0623S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66243-C43-B	637071-C43-B
AF0623S11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66243-343-B	637071-343-B
AF0623S11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66243-G43-B	637071-G43-B
AF0623S11HHD7***	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66243-G93-B	637071-G93-B
AF0623S11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66243-P43-B	637071-P43-B
AF0623S11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66243-R43-B	637071-R43-B

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

*** High Capacity Solvent Cup w/Multiple Wave Spring

RECOMMENDED ACCESSORIES



67445-2
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF0645 Series Pumps

45:1 Ratio, 6" Air Motor, 2-Ball Lower End



Spray



Transfer
and Supply



Extrusion

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 Specifications

Ratio	45:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2 - 8.3)
Fluid Pressure Range psi (bar)	1350 - 5459 (93 - 376)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	7.5 (122.9)
Cycles/gal (L)	31 (8.1)
Flow @ 60 Cycles gpm (L/min)	1.9 (7.3)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	46.2 (21)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/Tungsten Carbide Seat					
AF0645G11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66301-C43	637306-C43
AF0645G11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66301-343	637306-343
AF0645G11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	66301-C4B	637306-C43
AF0645G11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66301-G43	637306-G43
AF0645G11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66301-P43	637306-P43
AF0645G11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66301-R43	637306-R43
AF0645G11RK48	17-4 Stainless, Ceramic Coated	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66301-R4B	637306-R43

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

RECOMMENDED ACCESSORIES



67445-2
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



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

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

AF0646 Series Pumps

46:1 Ratio, 6" Air Motor, Chop-Check Lower End



(Model shown w/ ball valve regulator)

DIMENSIONS	
A ¹ in (mm)	54.01 (1371.83)
B in (mm)	30.74 (780.69)
C in (mm)	17.74 (450.49)

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

Pump Specifications

Ratio	46:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1" 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 - 7485 (0 - 516.2)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	6.97 (113)
Cycles/gal (L)	33.1 (8.8)
Flow @ 60 Cycles gpm (L/min)	1.8 (6.9)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	67 (30.4)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics	Sealants
	Heavy Lubricants	



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel-Plated					
AF0646S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66266-C43-B	637074-C43-B
AF0646S11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66266-P43-B	637074-P43-B
AF0646S11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66266-343-B	637074-343-B
AF0646S11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66266-G43-B	637074-G43-B
AF0646S11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66266-R43-B	637074-R43-B

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

RECOMMENDED ACCESSORIES



67445-2
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF0660 Series Pumps

60:1 Ratio, 6" Air Motor, 2-Ball Lower End



Spray



Transfer and Supply



Extrusion

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 Specifications

Ratio	60:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 100 (2 - 6.9)
Fluid Pressure Range psi (bar)	1800 - 6172 (124 - 426)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	5.5 (90.1)
Cycles/gal (L)	41.9 (11)
Flow @ 60 Cycles gpm (L/min)	1.4 (5.4)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	46.2 (21)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - 300 Series SS w/Tungsten Carbide Seat					
AF0660G11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66302-C43	637307-C43
AF0660G11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66302-343	637307-343
AF0660G11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66302-G43	637307-G43
AF0660G11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66302-R43	637307-R43
AF0660G11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66302-P43	637307-P43
AF0660G11KK48	17-4 Stainless, Ceramic Coated	Glass Filled PTFE	Glass Filled PTFE	66302-34B	637307-343
AF0660G11FF48	17-4 Stainless, Ceramic Coated	UHMW-PE	UHMW-PE	66302-C4B	637307-C43

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

RECOMMENDED ACCESSORIES



67445-2
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



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	42.18 (1071.47)
B in (mm)	18.91 (480.34)
C in (mm)	12.66 (321.59)

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

AF0665 Series Pumps

65:1 Ratio, 6" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	54.01 (1371.83)
B in (mm)	30.74 (780.69)
C in (mm)	17.74 (450.49)

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

Pump Specifications

Ratio	65:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	3/4" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	0 - 115 (0 - 7.9)
Fluid Pressure Range psi (bar)	0 - 7475 (0 - 515.5)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm ³)	5.2 (84.6)
Cycles/gal (L)	44.8 (11.9)
Flow @ 60 Cycles gpm (L/min)	1.3 (5.1)
Noise Level @ 60 psi dBA	84.7
Weight* lb (kg)	67 (30.4)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics Heavy Lubricants	Sealants
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Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel-Plated					
AF0665S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	67348-C43	637464-C43
AF0665S11GF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Mineral Filled PTFE (Staggered)	UHMW-PE	67348-P43	637464-P43

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

RECOMMENDED ACCESSORIES



67445-2
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF0805 Series Pumps

5:1 Ratio, 8" Air Motor, 4-Ball Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	5:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1-1/2" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	150 - 702 (10.3 - 48.4)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	108.1 (1771.4)
Cycles/gal (L)	2.1 (0.5)
Flow @ 70 Cycles gpm (L/min)	32.8 (124.0)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	96 (43.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply

Materials

Paint	Chemicals	Varnishes
Enamels	Lacquers	



4-Ball Lower End Style

- Designed for high volume transfer of low- and medium-viscosity fluids up to 12,500 cPs.
- Fluid delivery up to 32.8 gpm (124.0 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - 300 Series/CF8M Stainless Steel					
AF0805M11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	67201-C4G	637318-C4G
AF0805M11GF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	67201-P4G	637318-P4G

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

RECOMMENDED ACCESSORIES



67445-3
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



67187-1
Mounting Post



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

DIMENSIONS

A ¹ in (mm)	48.73 (1237.72)
B in (mm)	25.67 (652.12)
C in (mm)	19.54 (496.32)

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

AF0807 Series Pumps

7:1 Ratio, 8" Air Motor, 4-Ball Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	48.73 (1237.72)
B in (mm)	25.67 (652.12)
C in (mm)	19.54 (496.32)

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

Pump Specifications

Ratio	7:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1-1/2" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	210 - 1009 (14.5 - 69.6)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	77.5 (1269.9)
Cycles/gal (L)	2.9 (0.7)
Flow @ 70 Cycles gpm (L/min)	23.5 (88.8)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	96 (43.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply

Materials

Paint	Chemicals	Varnishes
Enamels	Lacquers	



4-Ball Lower End Style

- Designed for high volume transfer of low- and medium-viscosity fluids up to 12,500 cPs.

- Fluid delivery up to 32.8 gpm (124.0 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - 300 Series/CF8M Stainless Steel					
AF0807M11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	67200-C4G	637317-C4G
AF0807M11KS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE	Virgin PTFE	67200-74G	637317-74G
AF0807M11RS48	17-4 Stainless Steel, Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Virgin PTFE	67200-R4G	637317-R4G
AF0807M11HF48	17-4 Stainless, Ceramic Coated	UHMW-PE/Leather (Staggered)	UHMW-PE	67200-F4G	637317-F4G

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

RECOMMENDED ACCESSORIES



67445-3
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



67187-1
Mounting Post



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF0810 Series Pumps

10:1 Ratio, 8" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A' in (mm)	49.43 (1255.5)
B in (mm)	26.37 (669.90)
C in (mm)	14.81 (376.22)

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

Pump Specifications

Ratio	10:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	2" NPT(F)
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	0 - 120 (0 - 8.3)
Fluid Pressure Range psi (bar)	0 - 1200 (0 - 82.8)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	59.9 (979.9)
Cycles/gal (L)	3.9 (1.0)
Flow @ 60 Cycles gpm (L/min)	15.6 (58.9)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	102 (46.3)
Container Suitability	Remote Mounting

*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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - 300 Series / CF8M Stainless Steel					
AF0810C11CC15	321 Stainless Steel w/Hard Chrome	Carbon-Graphite Filled PTFE	Carbon-Graphite Filled PTFE	66942-K3F	637211-K63
AF0810C11FF35	321 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66942-C6F	637211-C63
AF0810C11KK35	321 Stainless Steel w/Hard Chrome	Mineral Filled PTFE	Mineral Filled PTFE	66942-L6F	637211-L63
AF0810C11GF35	321 Stainless Steel w/Hard Chrome	UHMW-PE/Mineral Filled PTFE (Staggered)	UHMW-PE	66942-P6F	637211-P63
Lower Pump Model Material - 15-5 Stainless Steel					
AF0810F11FF36	15-5 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66941-C6D	637211-C63
AF0810F11KK36	15-5 Stainless Steel w/Hard Chrome	Mineral Filled PTFE	Mineral Filled PTFE	66941-L6D	637211-L63
AF0810F11RK36	15-5 Stainless Steel w/Hard Chrome	Mineral Filled PTFE/ UHMW-PE (Staggered)	Mineral Filled PTFE	66941-R6D	637211-R63

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

RECOMMENDED ACCESSORIES



67445-3
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

AF0813 Series Pumps

13:1 Ratio, 8" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	13:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1-1/2" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	390 - 1900 (26.9 - 131.0)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	40.4 (662.0)
Cycles/gal (L)	5.7 (1.5)
Flow @ 70 Cycles gpm (L/min)	12.2 (46.3)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	125.5 (56.9)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks Mastics Sealants
Heavy Lubricants



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel Plated					
AF0813S11FF44	Carbon Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66236-C4E-B	637128-C44-B
AF0813S11GF44	Carbon Steel w/Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66236-P4E-B	637128-P44-B
AF0813S11HF44	Carbon Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE	66236-F4E-B	637128-F44-B
AF0813S11PF14	Carbon Steel w/Hard Chrome	Polyurethane	UHMW-PE	66236-J3E-B	637128-J34-B

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

RECOMMENDED ACCESSORIES



67445-3
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	54.40 (1381.71)
B in (mm)	31.34 (796.11)
C in (mm)	19.94 (506.40)

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

AF0828 Series Pumps

28:1 Ratio, 8" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	28:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	2" NPT(F)
Material Outlet	1" NPT (F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	840 - 3360 (57.9 - 231.7)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	20.7 (338.65)
Cycles/gal (L)	11.2 (42.34)
Flow @ 70 Cycles gpm (L/min)	6.27 (23.7)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	113 (51.3)
Container Suitability	Remote Mounting

*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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel Nickel Plated					
AF0828B11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66475-R4D	637098-R43

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

RECOMMENDED ACCESSORIES



67445-3
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



65139
Floor Mount



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

DIMENSIONS

A ¹ in (mm)	50.24 (1276.15)
B in (mm)	27.19 (690.58)
C in (mm)	16.06 (408.00)

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

AF0828 Series Pumps

28:1 Ratio, 8" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	28:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	840 - 3360 (57.9 - 231.7)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	20.0 (327.8)
Cycles/gal (L)	11.55 (3.0)
Flow @ 70 Cycles gpm (L/min)	6.0 (22.7)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	140 (63.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks Mastics Sealants
Heavy Lubricants



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel Plated					
AF0828S11FF47	17-4 Stainless Steel, w/Hard Chrome	UHMW-PE	UHMW-PE	67300-C4D	637348-C4D
AF0828S11PF17	17-4 Stainless Steel, w/Hard Chrome	Polyurethane	UHMW-PE	67300-J3D	637348-J3D

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

RECOMMENDED ACCESSORIES



67445-3
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	53.46 (1357.88)
B in (mm)	30.41 (772.29)
C in (mm)	19.25 (488.95)

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

AF0840 Series Pumps

40:1 Ratio, 8" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A' in (mm)	45.65 (1159.43)
B in (mm)	22.59 (573.84)
C in (mm)	12.66 (321.59)

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

Pump Specifications

Ratio	40:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT(F) 2" NPT(M)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	1200 - 4967 (82.2 - 342.6)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	14.5 (237.6)
Cycles/gal (L)	15.9 (4.2)
Flow @ 60 Cycles gpm (L/min)	3.7 (14.0)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	68.1 (30.9)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Spray



Transfer
and Supply



Extrusion

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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material – 300 Series SS w/ Tungsten Carbide Seat					
AF0840G11FF47	17-4 Stainless Steel w/ Hard Chrome	UHMW-PE	UHMW-PE	66300-C4D	637305-C43
AF0840G11KK47	17-4 Stainless Steel w/ Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66300-34D	637305-343
AF0840G11FF48	17-4 Stainless Steel, Ceramic Coated	UHMW-PE	UHMW-PE	66300-C4G	637305-C43
AF0840G11GF47	17-4 Stainless Steel w/ Hard Chrome	UHMW-PE/Glass Filled PTFE (Staggered)	UHMW-PE	66300-P4D	637305-P43
AF0840G11RS48	17-4 Stainless, Ceramic Coated	Glass Filled PTFE/ UHMW-PE (Staggered)	Virgin PTFE	66300-R4G	637305-R43
AF0840G11RS47	17-4 Stainless Steel w/ Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Virgin PTFE	66300-R43	637305-R43

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

RECOMMENDED ACCESSORIES



67445-3
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

AF0844 Series Pumps

44:1 Ratio, 8" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	50.60 (1285.32)
B in (mm)	27.55 (699.72)
C in (mm)	17.74 (450.49)

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

Pump Specifications

Ratio	44:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 120 (2.1 - 8.3)
Fluid Pressure Range psi (bar)	1320 - 5964 (91.0 - 411.3)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm ³)	12.5 (204.8)
Cycles/gal (L)	18.5 (4.8)
Flow @ 70 Cycles gpm (L/min)	3.8 (14.3)
Noise Level @ 60 psi dBA	86.8
Weight* lb (kg)	165 (74.8)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics Heavy Lubricants	Sealants
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Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel-Plated					
AF0844S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66243-C4D-B	637071-C4D-B
AF0844S11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66243-G4D-B	637071-G4D-B
AF0844S11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/UHMW-PE (Staggered)	Glass Filled PTFE	66243-R4D-B	637071-R4D-B

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

RECOMMENDED ACCESSORIES



67445-3
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF1015 Series Pumps

15:1 Ratio, 10" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	49.43 (1255.5)
B in (mm)	26.37 (669.90)
C in (mm)	14.81 (376.22)

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

Pump Specifications

Ratio	15:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	2" NPT(F)
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	450 - 1350 (31.0 - 93.1)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	59.8 (979.9)
Cycles/gal (L)	3.9 (1.0)
Flow @ 70 Cycles gpm (L/min)	18.1 (68.6)
Noise Level @ 60 psi dBA	89.8
Weight* lb (kg)	125 (56.7)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Spray **Transfer and Supply** **Extrusion**

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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material – 300 Series / CF8M Stainless Steel					
AF1015C11FF35	321 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66942-C6F	637211-C63
AF1015C11GF35	321 Stainless Steel w/Hard Chrome	UHMW-PE/Mineral Filled PTFE (Staggered)	UHMW-PE	66942-P6F	637211-P63
Lower Pump Model Material – 400 Series SS w/Tungsten Carbide Seat					
AF1015J11FF36	15-5 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66941-CDD	637211-C63
Lower Pump Model Material – 400 Series Stainless Steel					
AF1015F11FF36	15-5 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66941-C6D	637211-C63
AF1015F11KK36	15-5 Stainless Steel w/Hard Chrome	Mineral Filled PTFE	Mineral Filled PTFE	66941-L6D	637211-L63
AF1015F11RK36	15-5 Stainless Steel w/Hard Chrome	Mineral Filled PTFE/ UHMW-PE (Staggered)	Mineral Filled PTFE	66941-R6D	637211-R63

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

RECOMMENDED ACCESSORIES



67445-4
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

AF1020 Series Pumps

20:1 Ratio, 10" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	20:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1-1/2" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	600 - 2250 (41.4 - 155.2)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	40.4 (662.0)
Cycles/gal (L)	5.7 (1.5)
Flow @ 70 Cycles gpm (L/min)	10.5 (39.7)
Noise Level @ 60 psi dBA	89.8
Weight* lb (kg)	144 (65.3)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks Mastics Sealants
Heavy Lubricants



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel Plated					
AF1020S11FF44	Carbon Steel, w/Hard Chrome	UHMW-PE	UHMW-PE	66236-C4E-B	637128-C44-B
AF1020S11HF44	Carbon Steel, w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE	66236-F4E-B	637128-F44-B
AF1020S11PF14	Carbon Steel, w/Hard Chrome	Polyurethane	UHMW-PE	66236-J3E-B	637128-J34-B

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

RECOMMENDED ACCESSORIES



67445-4
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	54.40 (1381.71)
B in (mm)	31.34 (796.11)
C in (mm)	19.94 (506.40)

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

AF1044 Series Pumps

44:1 Ratio, 10" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	44:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	1320 - 3960 (91.0 - 273.1)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	20.0 (327.8)
Cycles/gal (L)	11.5 (3.0)
Flow @ 70 Cycles gpm (L/min)	6.0 (22.9)
Noise Level @ 60 psi dBA	89.8
Weight lb (kg)	64 (29.06)
Container Suitability	Remote Mounting



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics	Sealants
	Heavy Lubricants	



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model*	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel Plated					
AF1044S11FF47	17-4 Stainless Steel, w/Hard Chrome	UHMW-PE	UHMW-PE	67300-C4D	637348-C4D
AF1044S11PF17	17-4 Stainless Steel, w/Hard Chrome	Polyurethane	UHMW-PE	67300-J3D	637348-J3D

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

RECOMMENDED ACCESSORIES



67445-4
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	53.43 (1357.12)
B in (mm)	30.38 (771.53)
C in (mm)	19.25 (488.95)

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

AF1045 Series Pumps

45:1 Ratio, 10" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	45:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	2" NPT(F)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	1350 - 4050 (93.1 - 279.3)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	20.7 (339.2)
Cycles/gal (L)	11.2 (2.9)
Flow @ 70 Cycles gpm (L/min)	6.27 (23.7)
Noise Level @ 60 psi dBA	89.8
Weight* lb (kg)	132 (59.9)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Spray **Transfer and Supply** **Extrusion**

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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel Nickel Plated					
AF1045B11KK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE	Glass Filled PTFE	66475-34D	637098-343
AF1045B11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66475-R4D	637098-R43

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

RECOMMENDED ACCESSORIES



67445-4
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

DIMENSIONS

A ¹ in (mm)	50.24 (1276.15)
B in (mm)	27.19 (690.58)
C in (mm)	16.06 (408.00)

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

AF1223 Series Pumps

23:1 Ratio, 12" Air Motor, 2-Ball Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	49.46 (1256.26)
B in (mm)	26.37 (669.89)
C in (mm)	14.81 (376.2)

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

Pump Specifications

Ratio	23:1
Stroke (double acting)	6" (15.24)
Material Inlet	2" NPT(F)
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	690 - 2070 (47.6 - 142.8)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	59.8 (979.9)
Cycles/gal (L)	3.9 (1.0)
Flow @ 70 Cycles gpm (L/min)	18.1 (68.6)
Noise Level @ 60 psi dBA	93
Weight* lb (kg)	140 (63.5)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Spray **Transfer and Supply** **Extrusion**

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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material – 300 Series / CF8M Stainless Steel					
AF1223C11CC15	321 Stainless Steel w/Hard Chrome	Carbon-Graphite Filled PTFE	Carbon-Graphite Filled PTFE	66942-K3F	637211-K33
AF1223C11FF35	321 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66942-C6F	637211-C63
Lower Pump Model Material – 400 Series Stainless Steel					
AF1223F11GF36	15-5 Stainless Steel w/Hard Chrome	UHMW-PE/Mineral Filled PTFE (Staggered)	UHMW-PE	66941-P6D	637211-P63
AF1223F11FF36	15-5 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66941-C6D	637211-C63

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

RECOMMENDED ACCESSORIES



67445-5
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

AF1223 Series Pumps

23:1 Ratio, 12" Air Motor, UV/EB 2-Ball Lower End



(Model shown w/ball valve regulator)

Pump Specifications

Ratio	23:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Follower Plate Mounted
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	690 - 2070 (47.6 - 142.8)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	59.8 (980.12)
Cycles/gal (L)	3.9 (1.0)
Flow @ 70 Cycles gpm (L/min)	18.1 (68.6)
Noise Level @ 60 psi dBA	93
Weight* lb (kg)	200 (90.7)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - 300 Series / CF8M Stainless Steel w/ Large Inlet					
AF1223C51FF35	321 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	67372-C6F	637444-C6D
AF1223C51FFP5	321 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	67372-CEF	637444-CED

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

RECOMMENDED ACCESSORIES



67445-5
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

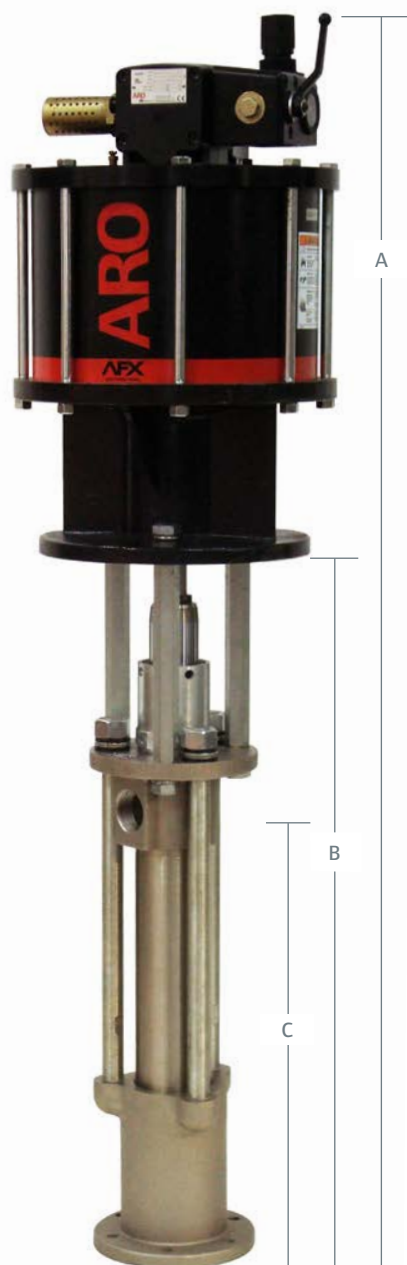
DIMENSIONS

A† in (mm)	53.52 (1256.26)
B in (mm)	30.44 (669.89)
C in (mm)	18.88 (376.2)

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

AF1230 Series Pumps

30:1 Ratio, 12" Air Motor, Chop-Check Lower End



(Model shown w/ball valve regulator)

DIMENSIONS

A ¹ in (mm)	54.43 (1382.47)
B in (mm)	31.34 (796.11)
C in (mm)	19.94 (506.40)

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

Pump Specifications

Ratio	30:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Bolted Flange
Material Outlet	1-1/2" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	900 - 3250 (62.1 - 224.1)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	40.4 (662.0)
Cycles/gal (L)	5.7 (1.5)
Flow @ 70 Cycles gpm (L/min)	12.2 (46.3)
Noise Level @ 60 psi dBA	93
Weight lb (kg)	78 (35.42)
Container Suitability	Remote Mounting



Transfer and Supply



Extrusion

Materials

Caulking Inks	Mastics Heavy Lubricants	Sealants
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Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model*	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel Plated					
AF1230S11FF44	Carbon Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66236-C4E-B	637128-C44-B
AF1230S11HF44	Carbon Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE	66236-F4E-B	637128-F44-B
AF1230S11PF14	Carbon Steel w/Hard Chrome	Polyurethane	UHMW-PE	66236-J3E-B	637128-J34-B

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

RECOMMENDED ACCESSORIES



67445-5
Muffler Kit



66334-B
Wet-Sol Packing Lubricant



23644-400
ARO-Stop Valve



65139
Floor Mount



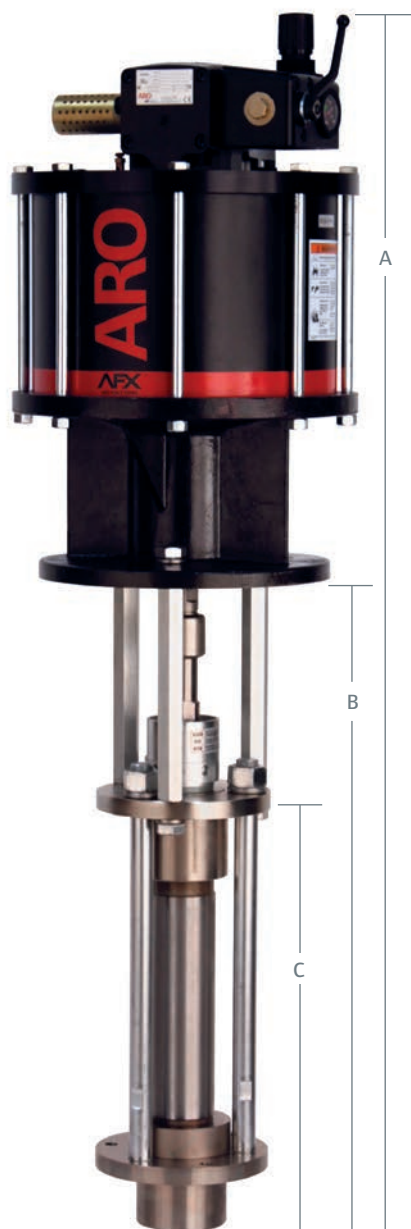
67442
Ball Valve Regulator



637489
Universal Air Motor Service Kit

AF1265 Series Pumps

65:1 Ratio, 12" Air Motor, 2-Ball Lower End



(Model shown w/ ball valve regulator)

Pump Specifications

Ratio	65:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	2" NPT(F)
Material Outlet	1" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	1950 - 5850 (134.5 - 403.4)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	20.7 (339.2)
Cycles/gal (L)	11.2 (2.9)
Flow @ 70 Cycles gpm (L/min)	6.27 (23.7)
Noise Level @ 60 psi dBA	93
Weight* lb (kg)	147 (66.7)
Container Suitability	Remote Mounting

*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**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Material - Carbon Steel, Nickel-Plated					
AF1265B11HH47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE/Leather (Staggered)	UHMW-PE/Leather (Staggered)	66475-G4D	637098-G43
AF1265B11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	66475-C4D	637098-C43
AF1265B11RK47	17-4 Stainless Steel w/Hard Chrome	Glass Filled PTFE/ UHMW-PE (Staggered)	Glass Filled PTFE	66475-R4D	637098-R43

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

RECOMMENDED ACCESSORIES



67445-5
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



65139
Floor/Follower
Plate Adapter



67442
Ball Valve
Regulator



637489
Universal Air Motor
Service Kit

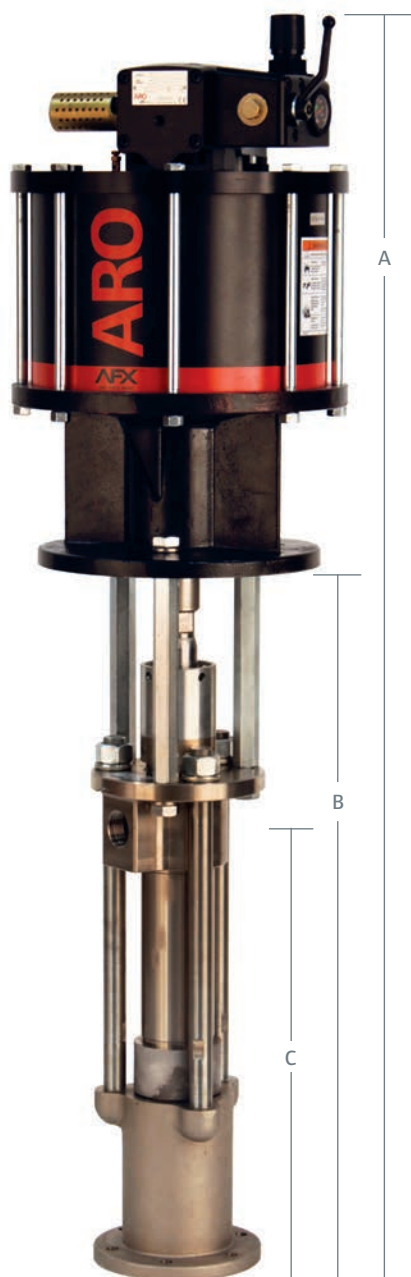
DIMENSIONS

A ¹ in (mm)	50.27 (1276.91)
B in (mm)	27.19 (690.58)
C in (mm)	16.06 (408.00)

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

AF1265 Series Pumps

65:1 Ratio, 12" Air Motor, Chop-Check Lower End



(Model shown w/ ball valve regulator)

Pump Specifications

Ratio	65:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	Flange Mount
Material Outlet	1-1/4" NPT(F)
Air Inlet (female)	3/4" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 90 (2.1 - 6.2)
Fluid Pressure Range psi (bar)	1950 - 5850 (134.5 - 403.4)
Max Cycles/Minute	70
Displacement/Cycle cu in (cm3)	20.0 (327.8)
Cycles/gal (L)	11.5 (3.0)
Flow @ 70 Cycles gpm (L/min)	6.0 (22.9)
Noise Level @ 60 psi dBA	93
Weight* lb (kg)	165 (74.8)
Container Suitability	Remote Mounting

*Estimated weight. Contact Technical Support for exact weight.



Transfer and Supply



Extrusion

Materials

Caulking Inks Mastics Sealants
Heavy Lubricants



Chop-Check Lower End Style

- Capable of moving medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs.
- Material delivery rates up to 12.2 gpm (46.3 L/min)

Pump Model**	Plunger Material	Upper Packings	Lower Packings	Lower Pump Model	Pump Service Kit
Lower Pump Model Material - Carbon Steel, Nickel Plated					
AF1265S11PF17	17-4 Stainless Steel w/Hard Chrome	Polyurethane	UHMW-PE	67300-J3D	637348-J3D
AF1265S11FF47	17-4 Stainless Steel w/Hard Chrome	UHMW-PE	UHMW-PE	67300-C4D	637348-C4D

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

RECOMMENDED ACCESSORIES



67445-5
Muffler Kit



66334-B
Wet-Sol Packing
Lubricant



23644-400
ARO-Stop
Valve



65139
Floor Mount



67442
Ball Valve
Regulator

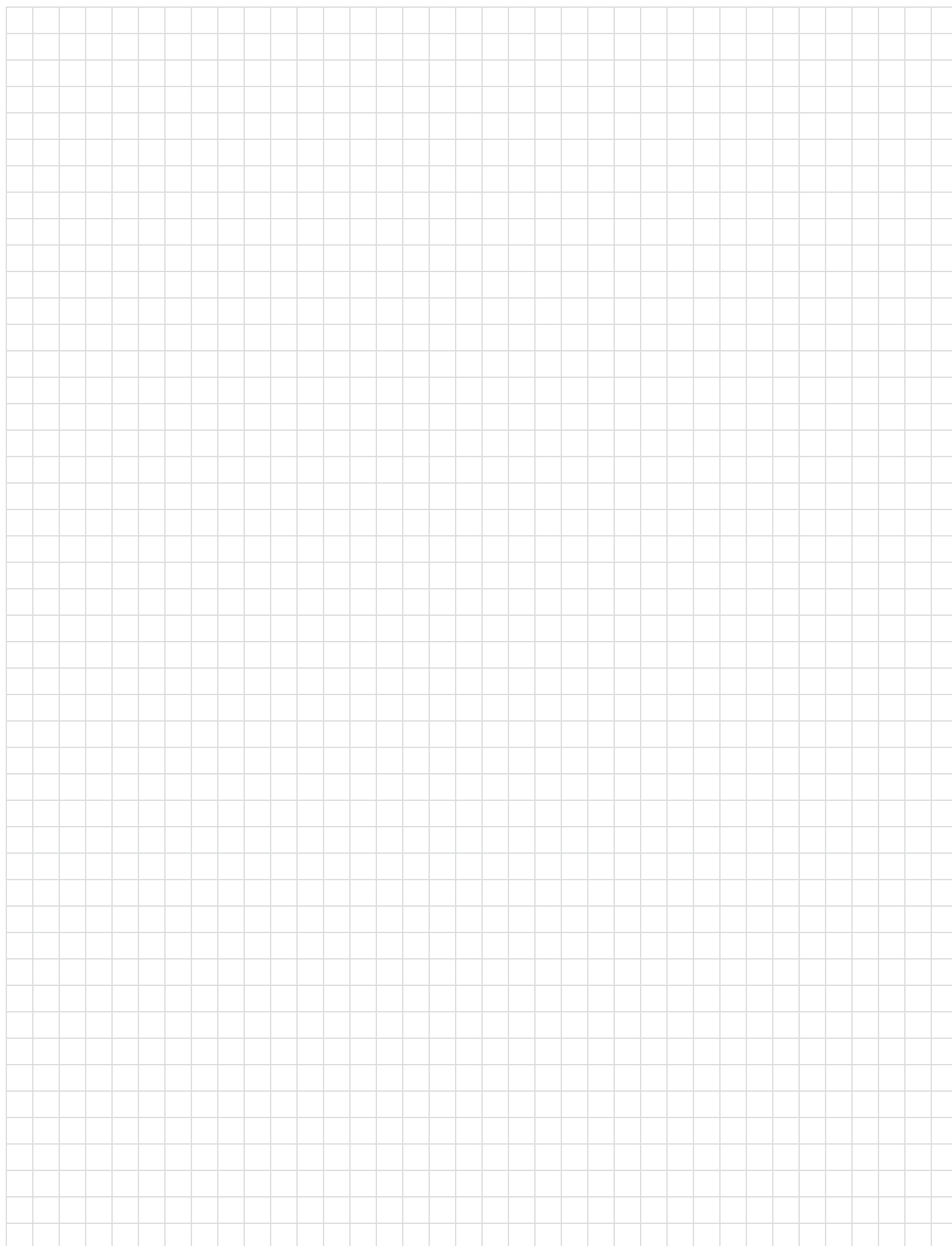


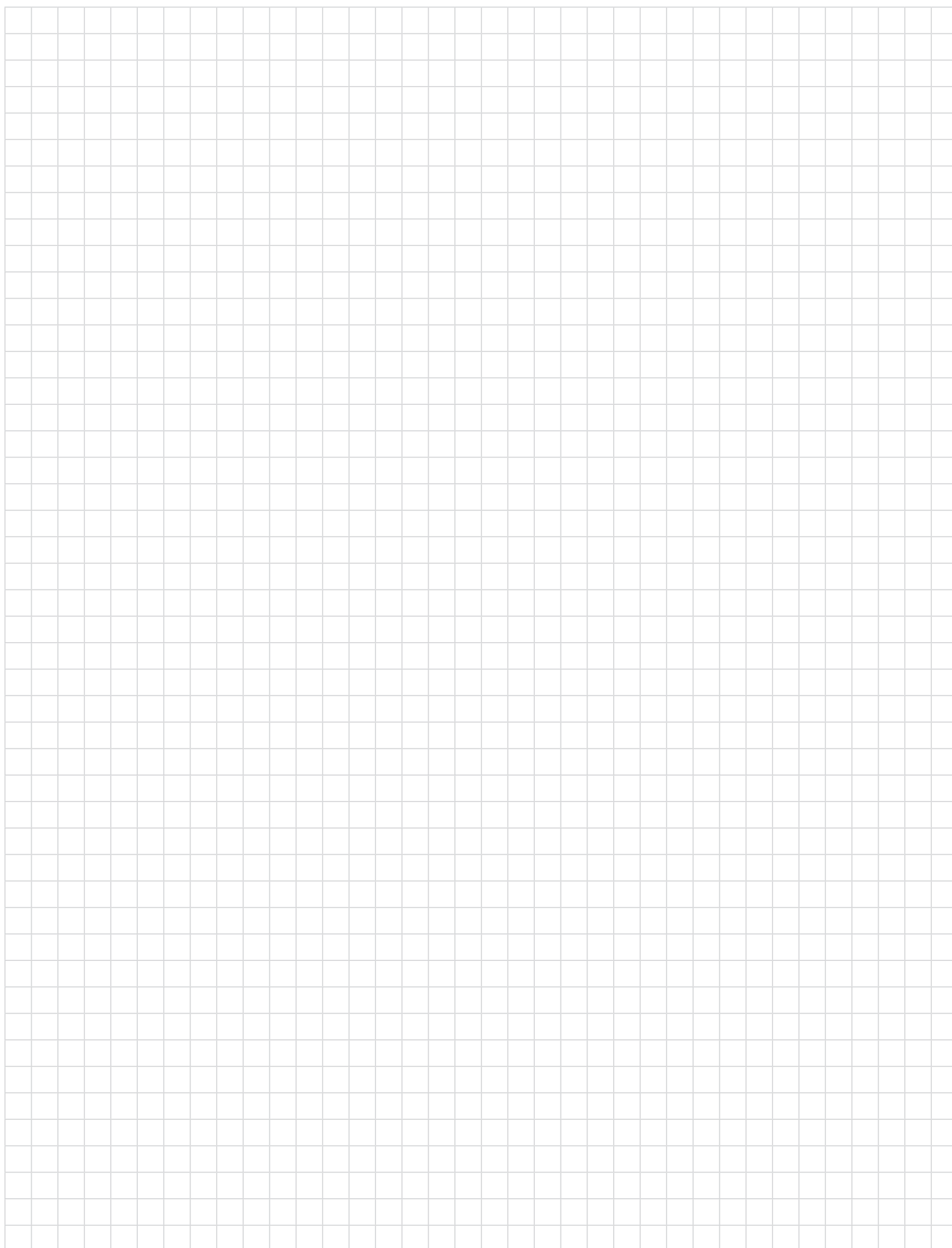
637489
Universal Air Motor
Service Kit

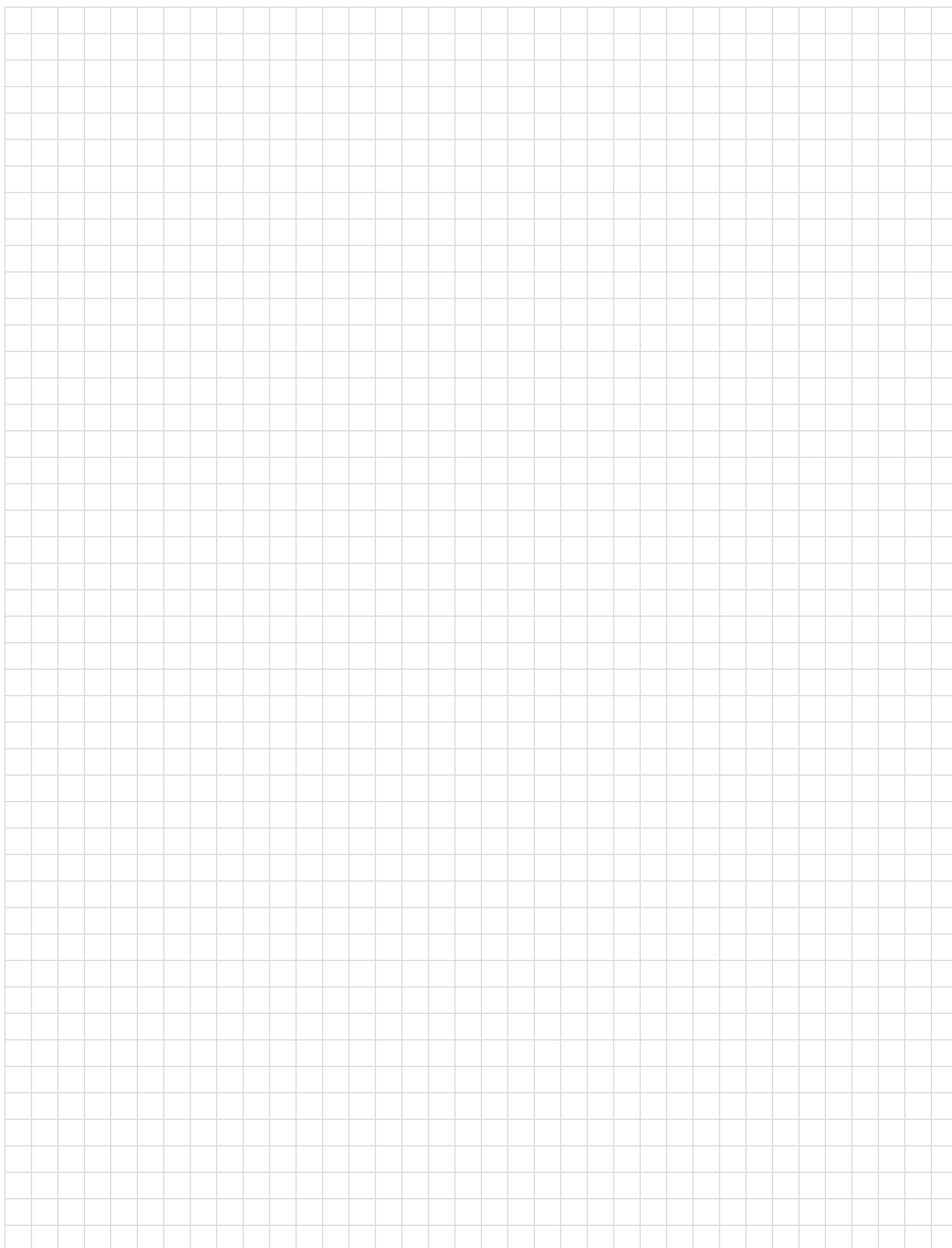
DIMENSIONS

A ¹ in (mm)	53.46 (1357.88)
B in (mm)	30.38 (771.65)
C in (mm)	19.25 (488.95)

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

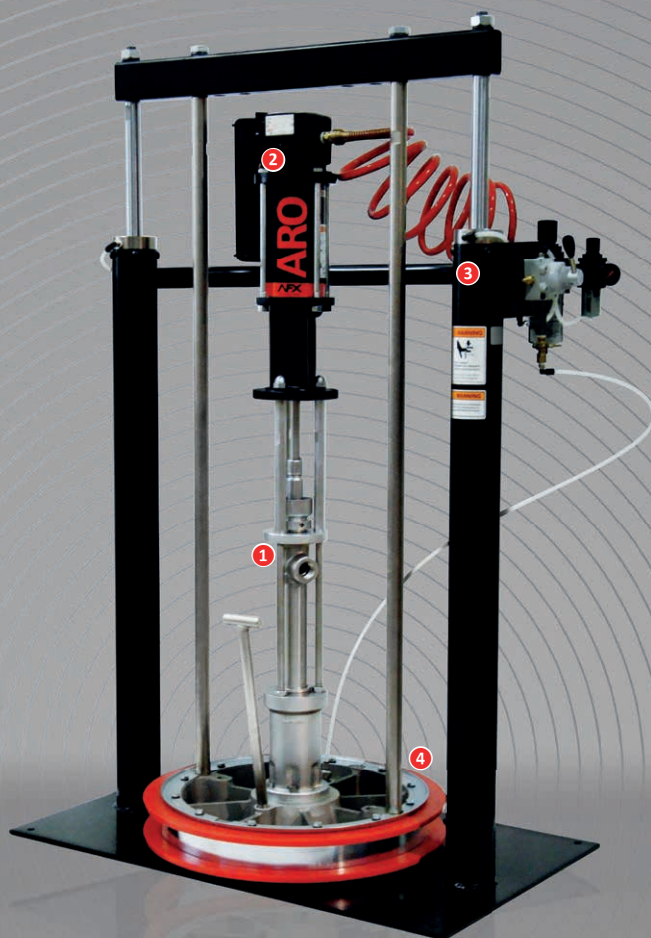






Authorized Distributor of

INGERSOLL RAND ARO, ALBIN PUMP, MILTON ROY, FLOWROX, FLUIDMIX and NAKAKIN



- ① **Die Pumpe** ist mit dem Luftmotor verbunden und kann als 2-Kugel-, 4-Kugel- und Schöpfkolbenpumpe für Ihre Anwendung optimal konfiguriert werden.
- ② **Der Luftmotor** ist in fünf Größen verfügbar und liefert die Antriebskraft an die Pumpe. Umso größer der Luftmotor ist, desto mehr Kraft kann erzeugt werden.
- ③ **Die Rammpresse** als 1-Säulen-, 2-Säulen oder fahrbarer Lift wird verwendet um das Material aus Behältern zu pumpen. Sie ermöglicht einen schnellen Behälterwechsel und minimiert Standzeiten. Die 8,26 cm Zylinder liefern die beste Druckkraft ihrer Klasse und verbessern die Ansaugung des Materials durch die Pumpe.

- ④ **Die Folgeplatte** ist sowohl mit der Pumpe als auch der Rammpresse verbunden und hilft bei einer Vielzahl an Behältergrößen das Material in die Pumpe zu drücken. Neben der verbesserten Pumpenleistung schützt die Folgeplatte das Material und hilft Abfall zu vermeiden.

Unsere Visitenkarte als QR-Code:



Technische Änderungen vorbehalten. Für Irrtümer, Satz- und Druckfehler übernehmen wir keine Haftung!



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