



NEW PMV PUMP FAMILY

***Designed for
Exceptional
Performance,
Long Service Life,
Low Maintenance
Cost***



**Patent
Pending**

People, Capabilities and Systems to Save Money and Increase Productivity

Company Profile

We're the largest and most successful company in our field because we continually satisfy our customers with the world's best lubrication and pumping systems. For more than 90 years, companies have relied on our technical and quality leadership, our world-class manufacturing and customer service and our vast network of distributors and support facilities. Lincoln develops new products and systems at research and development facilities in the U.S., Germany and India that provide global and regional application solutions.

Manufacturing

Lincoln builds precision lubrication equipment and components, state-of-the-art electronic controls and the industry's top-performing pumping stations. Collaboration between our U.S. and German engineers ensures our products are designed to be manufactured to Lincoln's highest quality standards in one of our worldwide facilities.

Worldwide Services

With five technical support centers on three continents, and a global network of systems houses and distributors supported by regional sales and service offices, our customers can always draw on our worldwide resources.



Proven Lincoln Quality and Performance

Lincoln's new PMV family of grease and oil pumps represents more than 90 years of high-quality engineering, technology and manufacturing. The unique, modular design of these pumps includes precision-machined parts made with durable materials which allows for a longer pump life.

Based on Lincoln's proven PowerMaster III air logic pump technology, PMV is a simple design with few moving parts. This translates to exceptional performance, long service life and low maintenance cost.

"I like everything about the new PMV pump. I like the size, I like the sound and I like the performance."

***Scott Wilson
Wilson/Rogers & Associates***



- ***Simple design***
- ***Precision-machined parts***
- ***Reduced cost of ownership for the life of the pump***

PMV Features and Benefits

Air Valve Assembly

- Proven design based on the PowerMaster III air logic pump technology
 - More than 25 years of precision pump engineering ensures dependable, quiet performance
- Modular, fastened by four bolts
 - Quick and easy to maintain throughout the service life of the pump
- Precision machined and made from aircraft aluminum
 - Precise, durable and less susceptible to temperature than plastic spools
- Runs without external lubrication
 - Reduces cost of ownership
- No springs, rods, levers or slides
 - Fewer parts to wear out, increasing durability, decreasing repair cost
- Designed to work in a contaminated air supply
 - Airline filters that have not been drained will not affect the air motor's performance



Air Cylinder

- One-piece cylinder casting contains all ports and passages
 - Simplifies repairs
- One-piece piston
 - No connection to any rods, spools, springs or poppets reduces premature mechanical failures, simplifies repairs
- One o-ring on the piston
 - Reduces leak paths, improves durability



Pump Tube

- One-piece, machined gland nut
 - Easy to maintain over the life of the pump
- Divorced pump tube and air motor seal
 - Air motor seal is a separate o-ring which reduces the chance of contamination in the motor



Pump Seals

- Made from durable polyurethane
 - Compatible with a wide range of natural and synthetic lubricants

Pump Rod

- Hard-chrome plated
 - Allows for superior sealing which extends the life of the rod



Pump Naming Table

PMV Part No. Reference

PMV Part Number

PMV Part No. Reference

Oil 05 = 5:1
06 = 6:1
10 = 10:1
Grease 50 = 50:1

Pump Ratio

3 = 3"
4 = 4.25"

Air Motor Size

V=PMV

Pump Series

Drum/Tank Size

00S = STUB
016 = 16 Gallon
055 = 55 Gallon
275 = 275 Gallon
035 = 25-50 lb.
120 = 120 lb.
400 = 400 lb.

Pump Mount

000 = Bare Pump
BB = Bung Bushing
DC = Drum Cover
LT = Lube Truck with Drum Cover
LB = Lube Truck with Bung Bushing
WM = Wall Mount
SU = Stub Universal
HF = Hoist/Follower
HR = Hoist/Follower/Runaway

Description

Included with Packages

5:1 Bare Pump	V	3	05	000	000	
5:1 Stub/Universal Pump	V	3	05	00S	SU	Bung Bushing, Air Cpl./Nipple, Air Hose, Fluid Hose
5:1 55 Gal Pump	V	3	05	055	BB	Bung Bushing, Air Cpl./Nipple, Air Hose, Fluid Hose, Down Tube
5:1 16 Gal Pump	V	3	05	016	DC	Drum Cover, Air Cpl./Nipple, Air Hose, Fluid Hose, Down Tube
5:1 275 Gal Pump	V	3	05	275	BB	Bung Bushing, Air Cpl./Nipple, Air Hose, Fluid Hose, Down Tube
5:1 Wall Mount Pump	V	3	05	00S	WM	Wall Mount Kit, Suction Kit, Air Cpl./Nipple, Air Hose, Fluid Hose
5:1 55 Gal Lube Truck Pump	V	3	05	055	LT	Drum Cover, Tie Rods/Eye Bolts, Down Tube, Air Cpl./Nipple, Air Hose
50:1 Pump, 3", 120 Lb Bare	V	3	50	120	000	
50:1 Pump, 3", 400 Lb Bare	V	3	50	400	000	
50:1 3" 120 Lb Stationary Pkg	V	3	50	120	DC	Drum Cover, Follower, Air Cpl./Nipple, Air Hose, Grease Hose, Outlet Swivel
50:1 3" 400 Lb Stationary Pkg	V	3	50	400	DC	Drum Cover, Air Cpl./Nipple, Air Hose, Grease Hose, Outlet Swivel
50:1 3" 120Lb Hoist/Follower Pkg	V	3	50	120	HF	Hoist, Follower/Primer, Air Cpl./Nipple, Air Hose, Grease Hose
50:1 3" 400Lb Hoist/Follower Pkg	V	3	50	400	HF	Hoist, Follower/Primer, Air Cpl./Nipple, Air Hose, Grease Hose
50:1 3" 120Lb Lube Truck Pkg	V	3	50	120	LT	Drum Cover, Tie Rods/Eye Bolts, Air Coupler/Nipple, Outlet Swivel
50:1 3" 400Lb Lube Truck Pkg	V	3	50	400	LT	Drum Cover, Tie Rods/Eye Bolts, Air Coupler/Nipple, Outlet Swivel
6:1 Bare Pump	V	4	06	000	000	
6:1 Stub Pump	V	4	06	00S	SU	Air Coupler/Nipple, Air Hose, Fluid Hose
6:1 Wall Mount Pump	V	4	06	00S	WM	Wall Mount Kit, Suction Kit, Air Coupler/Nipple, Air Hose, Fluid Hose
10:1 Bare Pump	V	4	10	000	000	
10:1 Stub/Universal Pump	V	4	10	00S	SU	Bung Bushing, Air Cpl./Nipple, Air Hose, Fluid Hose
10:1 55 Gal Pump W/ Drum Cvr	V	4	10	055	DC	Drum Cover, Air Cpl./Nipple, Air Hose, Fluid Hose, Down Tube
10:1 55 Gal Pump W/ Bung Bshng	V	4	10	055	BB	Bung Bushing, Air Cpl./Nipple, Air Hose, Fluid Hose, Down Tube
10:1 Wall Mount Pump	V	4	10	00S	WM	Wall Mount Kit, Suction Kit, Air Coupler/Nipple, Air Hose, Fluid Hose
10:1 55 Gal Lube Truck Pump W/Dc	V	4	10	055	LT	Drum Cover, Tie Rods/Eye Bolts, Down Tube, Air Coupler/Nipple, Air Hose
10:1 55 Gal Lube Truck Pump W/Bung Bshng	V	4	10	055	LB	Bung Bushing, Tie Rods/Eye Bolts, Down Tube, Air Coupler/Nipple, Air Hose
50:1 Pump, 4.25", 120 Lb Bare	V	4	50	120	000	
50:1 Pump, 4.25", 400 Lb Bare	V	4	50	400	000	
50:1 4.25" 120 Lb Stationary Pkg	V	4	50	120	DC	Drum Cover, Follower, Air Cpl./Nipple, Air Hose, Grease Hose, Outlet Swivel
50:1 4.25" 400 Lb Stationary Pkg	V	4	50	400	DC	Drum Cover, Follower, Air Cpl./Nipple, Air Hose, Grease Hose, Outlet Swivel
50:1 4.25" 400Lb Hoist/Follower Pkg	V	4	50	400	HF	Hoist, Follower/Primer, Air Cpl./Nipple, Air Hose, Grease Hose
50:1 4.25" 400Lb Hoist/Follower/Runaway Pkg	V	4	50	400	HR	Hoist, Follower/Primer, Air Cpl./Nipple, Air Hose, Grease Hose, Runaway Ctrl
50:1 4.25" 120Lb Lube Truck Pkg	V	4	50	120	LT	Drum Cover, Tie Rods/Eye Bolts, Air Coupler/Nipple, Outlet Swivel
50:1 4.25" 400Lb Lube Truck Pkg	V	4	50	400	LT	Drum Cover, Tie Rods/Eye Bolts, Air Coupler/Nipple, Outlet Swivel
50:1 3" 25-50Lb Bare Pump	V	3	50	035	000	
50:1 25-50 Lb Portable W/Pail Cvr				9989		Pail Cover, Air Coupler/Nipple, Grease Hose, Control Valve, Swivel
50:1 120Lb Portable W/Caster Base				9917		Drum Cover, Follower, Air Cpl./Nipple, Grease Hose, Control Vlv., Caster Base

Typical System Examples with Maximum Pumping Distances

All systems based on 100 PSI air input and 70°F (21°C)

Oil Pumps

With 10w 30 Motor Oil

PMV 3" 5:1 Pumps

Reels with 50' x 1/2" ID hose (Model No. 94354) Electronic Meters (Model Nos. 905, 953, 954) Two simultaneous dispenses at 1 gpm each	5/8" OD x 0.049" wall tubing – up to 50' 3/4" OD x 0.049" wall tubing – up to 150'
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PMV 4.25" 10:1 Pumps

Reels with 50' x 1/2" ID hose (Model No. 94354) Electronic Meters (Model Nos. 905, 953, 954) Two simultaneous dispenses at 1 gpm each	5/8" OD x 0.049" wall tubing – up to 300' 3/4" OD x 0.049" wall tubing – up to 1000'
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PMV 4.25" 6:1 Pumps

Reels with 50' x 1/2" ID hose (Model No. 94354) Electronic Meters (Model Nos. 905, 953, 954) Four simultaneous dispenses at 1 gpm each	1.25" Sch. 40 Seamless Pipe – up to 150' 1.5" Sch. 40 Seamless Pipe – up to 250'
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Grease Pumps

With NLGI #1 Grease

PMV 3" 50:1 Pumps

Reels with 50' x 3/8" hose (Model No. 94553) Control Valve & Swivel (Model Nos. 3050, 81729) Two simultaneous dispense at 0.125 lbs/min each	5/8" OD x 0.083" wall tubing – up to 500'
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PMV 4.25" 50:1 Pumps

Reels with 50' x 3/8" hose (Model No. 94553) Control Valve & Swivel (Model Nos. 3050, 81729) Four simultaneous dispenses at 0.125 lbs/min each	3/4" OD x 0.109" wall tubing – up to 500' 1" Sch 160 pipe – up to 2000'
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1. Values are for typical systems
2. Some of the factors that affect actual systems performance
 - a. Temperature
 - b. Viscosity
 - c. Number and type of fitting (elbows, tees, reducers) and connecting hoses
 - d. Air supply – pressure, scfm, line size
3. Lincoln can provide system design/performance parameters for any specific application. Contact your representative.

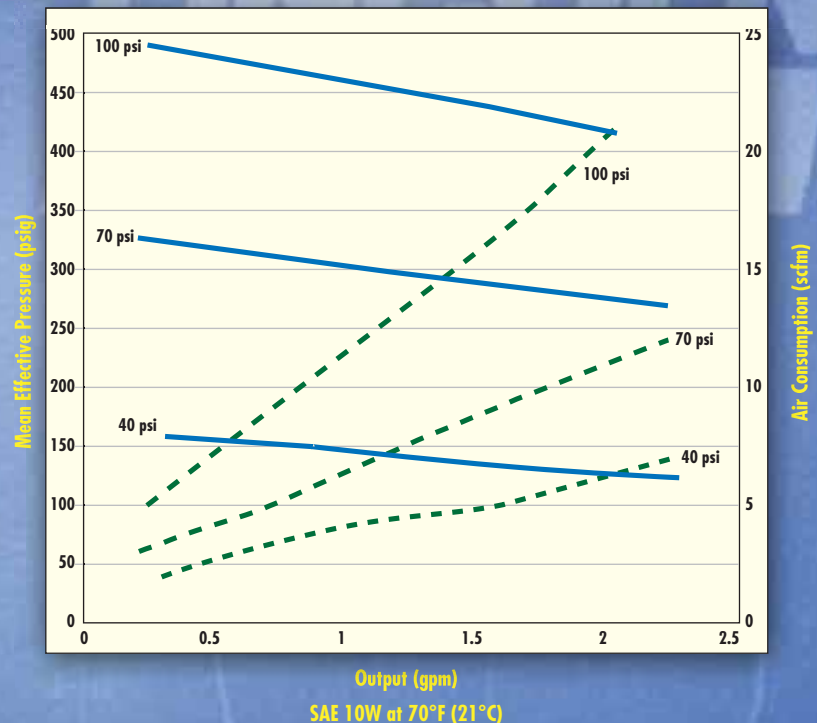
**For specific installations, please refer to
Lincoln's Vehicle Service Planning Manual**

3" and 4.25" Oil Pumps – Specifications

5:1 Oil Pump Specifications and Performance Testing

Pumping Ratio	5:1
Air Pressure	40 - 150 psi (2.7 - 10.3 bar)
Max. Output Pressure	750 psi (51 bar)
Air Inlet	¾ NPTF
Material Outlet	½ NPTF
Material Inlet	1½ NPTF
Airmotor Bore Dia.	3 in. (76.2 mm)
Stroke	3¼ in. (82.5 mm)
Output Per Cycle	6.7 cu. in. (110 cc)
Cycles/Gal (Liter)	34.5 (9.1)
Wetted Parts	Carbon Steel, Brass, Zinc, Polyurethane, Nitrile
Free Flow	7 gpm (26.5 lpm)
Overall Length (Stub)	17¼" (442 mm)

Decibels less than 85 at all normal operating conditions



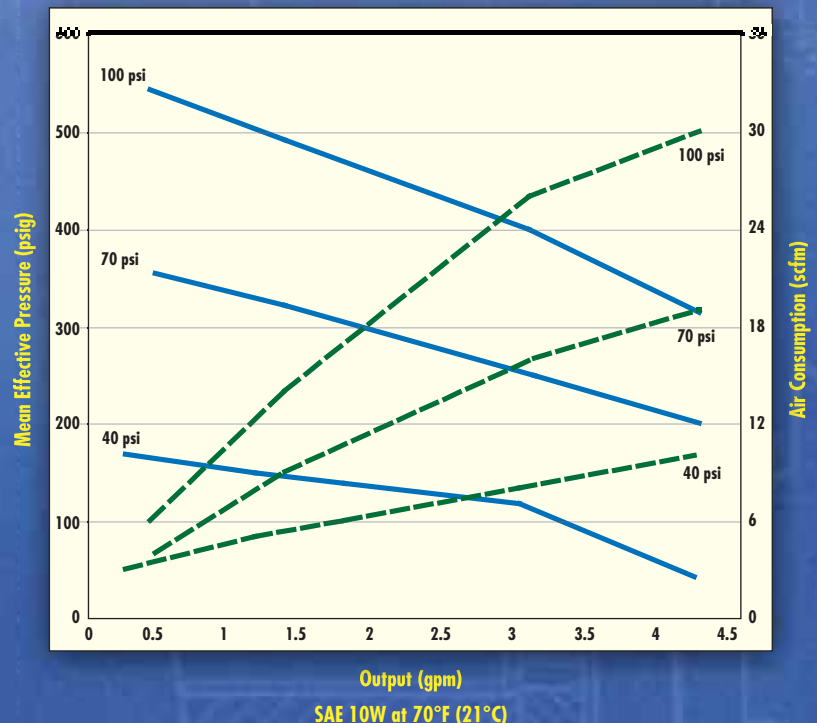
6:1 Oil Pump Specifications and Performance Testing

Pumping Ratio	6:1
Air Pressure	40 - 150 psi (2.7 - 10.3 bar)
Max. Output Pressure	900 psi (62 bar)
Air Inlet	¾ NPTF
Material Outlet	½ NPTF
Material Inlet	1½ NPTF
Airmotor Bore Dia.	4¼ in. (108 mm)
Stroke	3¼ in. (82.5 mm)
Output Per Cycle	11.9 cu. in. (195 cc)
Cycles/Gal (Liter)	19.4 (5.1)
Wetted Parts	Carbon Steel, Brass, Zinc, Polyurethane, Nitrile
Free Flow	7 gpm (26.5 lpm)
Overall Length	18¾" (480 mm)

Decibels less than 85 at all normal operating conditions

NOTE:

6:1 pumps for stub or wall mount only. Not for use with bung bushings. Use the suction kit and wall mount bracket that are packaged with the pump assembly model.

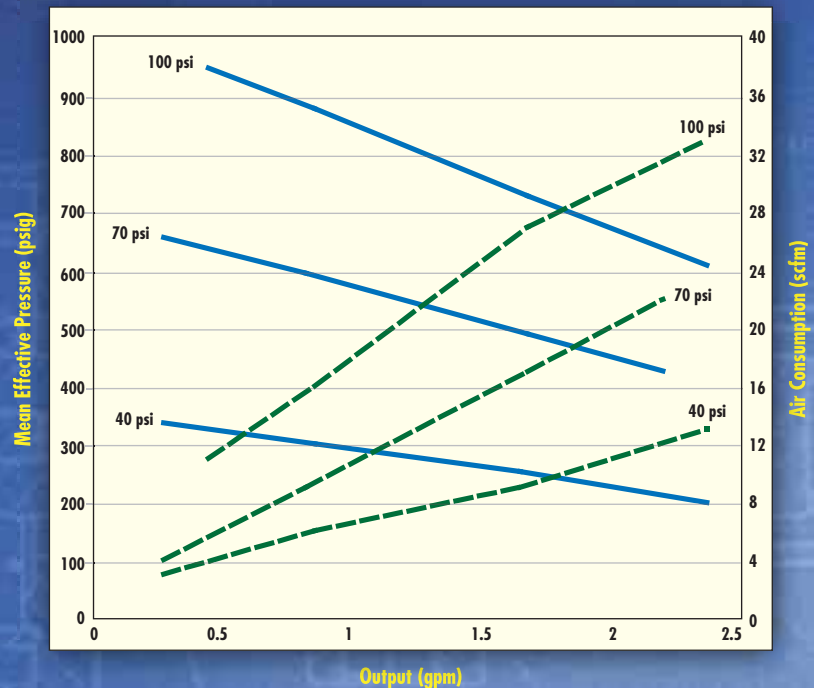


3" and 4.25" Oil Pumps – Specifications

10:1 Oil Pump Specifications and Performance Testing

Pumping Ratio	10:1
Air Pressure	40 - 150 psi (2.7 - 10.3 bar)
Max. Output Pressure	1500 psi (103 bar)
Air Inlet	½ NPTF
Material Outlet	½ NPTF
Material Inlet	1½ NPTF
Airmotor Bore Dia.	4¼ in. (108 mm)
Stroke	3¼ in. (82.5 mm)
Output Per Cycle	7.2 cu. in. (118 cc)
Cycles/Gal (Liter)	32.1 (8.5)
Wetted Parts	Carbon Steel, Brass, Zinc, Polyurethane, Nitrile
Free Flow	5 gpm (18.4 lpm)
Overall Length (Stub)	17⅞" (443 mm)

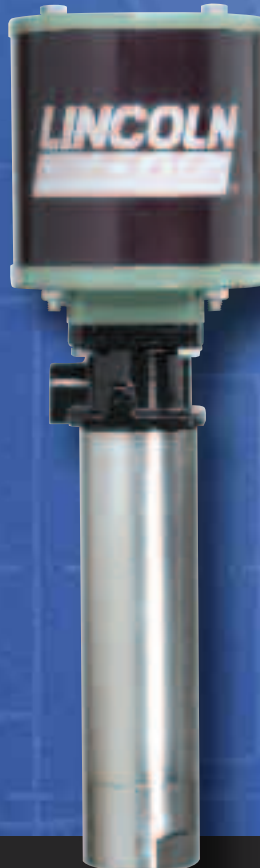
Decibels less than 85 at all normal operating conditions



SAE 10W at 70°F (21°C)



V305000000
5:1 Bare Pump



V406000000
6:1 Bare Pump



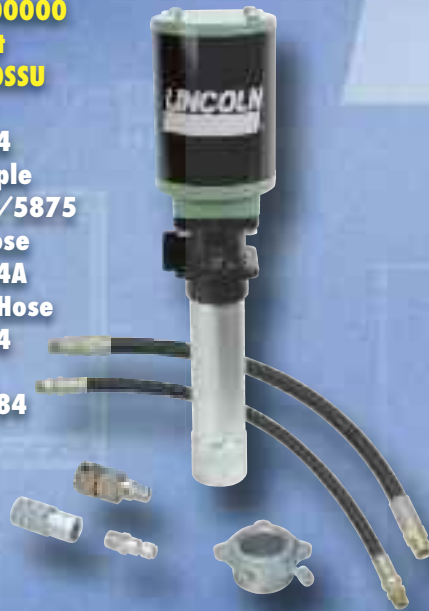
V410000000
10:1 Bare Pump

3" Oil Pumps

V305005SU **5:1 Stub/Universal Pump**

Package Includes:

- **Bare Pump**
Model No. V305000000
- **Stub/Universal Kit**
Model No. K000005SU
 - Bung Bushing
Model No. 85824
 - Air Coupler/Nipple
Model No. 5874/5875
 - 3/8" x 2' Air Hose
Model No. 72024A
 - 1/2" x 2' Fluid Hose
Model No. 73024
 - 90° Swivel
Model No. 241584



V305055BB **5:1 55-gallon Pump**

Package Includes:

- **Bare Pump** Model No. V305000000
- **55-gal. Bung Mount Kit** Model No. K000055BB
 - Bung Bushing Model No. 85824
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299
 - 1/2" x 5' Fluid Hose Model No. 73060
 - Down Tube Model No. 85807
 - 90° Swivel Model No. 241584



V305016DC **5:1 16-gallon Pump**

Package Includes:

- **Bare Pump**
Model No. V305000000
- **16-Gal. Drum Cover Kit**
Model No. K000016DC
 - Drum Cover
Model No. 85826
 - Suction Tube
Model No. 85806
 - Air Coupler/Nipple
Model No. 5874/5875
 - 3/8" x 5' Air Hose
Model No. 273299
 - 1/2" x 5' Fluid Hose
Model No. 73060



3" Oil Pumps

V305275BB **5:1 275-gallon Pump**

Package Includes:

- Bare Pump Model No. V305000000
- 275-Gal. Pump Mount Kit Model No. K000275BB
 - Bung Bushing Model No. 85824
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299
 - 1/2" x 5' Fluid Hose Model No. 73060
 - Universal Suction Tube Model No. 85949



V305005WM **5:1 Wall Mount Pump**

Package Includes:

- Bare Pump Model No. V305000000
- Remote Suction Kit Model No. 84945
- Wall Mount Kit Model No. 275398
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299
 - 1/2" x 5' Fluid Hose Model No. 73060
 - 90° Swivel Model No. 241584
 - Wall Mount Assy Model No. 275413



V305055LT **5:1 55-Gallon Lube Truck Pump**

Package Includes:

- Bare Pump Model No. V305000000
- Drum Cover and Hose Kit Model No. K000055LT
 - 400 lb. Drum Cover with Tie Rods Model No. 83115
 - Down Tube Model No. 85807
 - Lifting Eye Model No. 275415
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299



4.25" Oil Pumps

V40600SSU **6:1 Stub Pump**

Package Includes:

- Bare Pump Model No. V406000000
- 6:1 Stub Kit Model No. K40600SSU
 - Air Coupler/Nipple
Model No. 5874/5875
 - 3/8" x 2' Air Hose
Model No. 72024A
 - 1/2" x 2' Fluid Hose
Model No. 73024
 - 90° Swivel
Model No. 241584



**6:1 pumps for stub or wall mount only.
Not for use with bung bushings.**

V40600SWM **6:1 Wall Mount Pump**

Package Includes:

- Bare Pump Model No. V406000000
- Remote Suction Kit Model No. 84945
- Wall Mount Kit Model No. 275398
 - Air Coupler/Nipple
Model No. 5874/5875
 - 3/8" x 5' Air Hose
Model No. 273299
 - 1/2" x 5' Fluid Hose
Model No. 73060
 - 90° Swivel Model No. 241584
 - Wall Mount Assy
Model No. 275413



4.25" Oil Pumps

V4100055U **10:1 Stub/Universal Pump**

Package Includes:

- Bare Pump Model No. V410000000
- Stub/Universal Kit Model No. K0000055U
 - Bung Bushing Model No. 85824
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 2' Air Hose Model No. 72024A
 - 1/2" x 2' Fluid Hose Model No. 73024
 - 90° Swivel Model No. 241584



V410055DC **10:1 55-gallon Pump with Drum Cover**

Package Includes:

- Bare Pump Model No. V410000000
- 55-gal. Drum Cover Kit Model No. K000055DC
 - Drum Cover Model No. 85827
 - Suction Tube Model No. 85807
 - 90° Swivel Model No. 241584
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299
 - 1/2" x 5' Fluid Hose Model No. 73060



V410055BB **10:1 55-gallon Pump with Bung Bushing**

Package Includes:

- Bare Pump Model No. V410000000
- 55-gal. Bung Mount Kit Model No. K000055BB
 - Bung Bushing Model No. 85824
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299
 - 1/2" x 5' Fluid Hose Model No. 73060
 - Down Tube Model No. 85807
 - 90° Swivel Model No. 241584



4.25" Oil Pumps



V410005WM **10:1 Wall Mount Pump**

Package Includes:

- Bare Pump Model No. V410000000
- Remote Suction Kit Model No. 84945
- Wall Mount Kit Model No. 275398
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299
 - 1/2" x 5' Fluid Hose Model No. 73060
 - 90° Swivel Model No. 241584
 - Wall Mount Assy Model No. 275413

V410055LT **10:1 55-gallon Lube Truck** **Pump with Drum Cover**

Package Includes:

- Bare Pump Model No. V410000000
- Drum Cover and Hose Kit Model No. K000055LT
 - 400-lb. Drum Cover with Tie Rods Model No. 83115
 - Down Tube Model No. 85807
 - Lifting Eye Model No. 275416
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299



V410055LB **10:1 55-gallon Lube Truck** **Pump with Bung Bushing**

Package Includes:

- Bare Pump Model No. V410000000
- 55-gal. Lube Truck Kit with Bung Bushing Model No. K000055LB
 - Bung Bushing Model No. 85824
 - Tie Rod Kit Model No. 83131
 - Suction Tube Model No. 85807
 - Air Coupler/Nipple Model No. 5874/5875
 - 3/8" x 5' Air Hose Model No. 273299

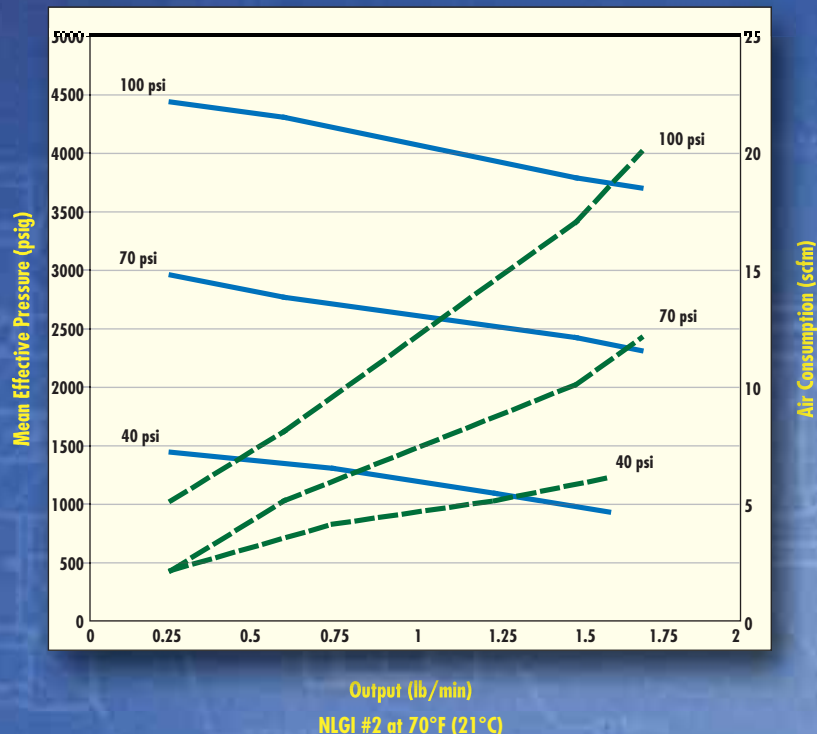


3" and 4.25" Grease Pumps – Specifications

50:1 3" Grease Pump Specifications / Performance Testing

Pumping Ratio	50:1
Air Pressure	40 - 150 psi (2.7 - 10.3 bar)
Max. Output Pressure	7500 psi (517 bar)
Air Inlet	¾ NPTF
Material Outlet	¼ NPTF
Airmotor Bore Dia.	3 in. (76.2 mm)
Stroke	3¼ in. (82.5 mm)
Output Per Cycle	0.78 cu. in. (12.8 cc)
Wetted Parts	Carbon Steel, Brass, Zinc, Polyurethane, Nitrile
Free Flow	168 in³/min (2753 cc/min)
Overall Length (35 Lb.)	27⁷/₈" (708 mm)
Overall Length (120 Lb.)	36³/₈" (924 mm)
Overall Length (400 Lb.)	42⁷/₈" (1089 mm)

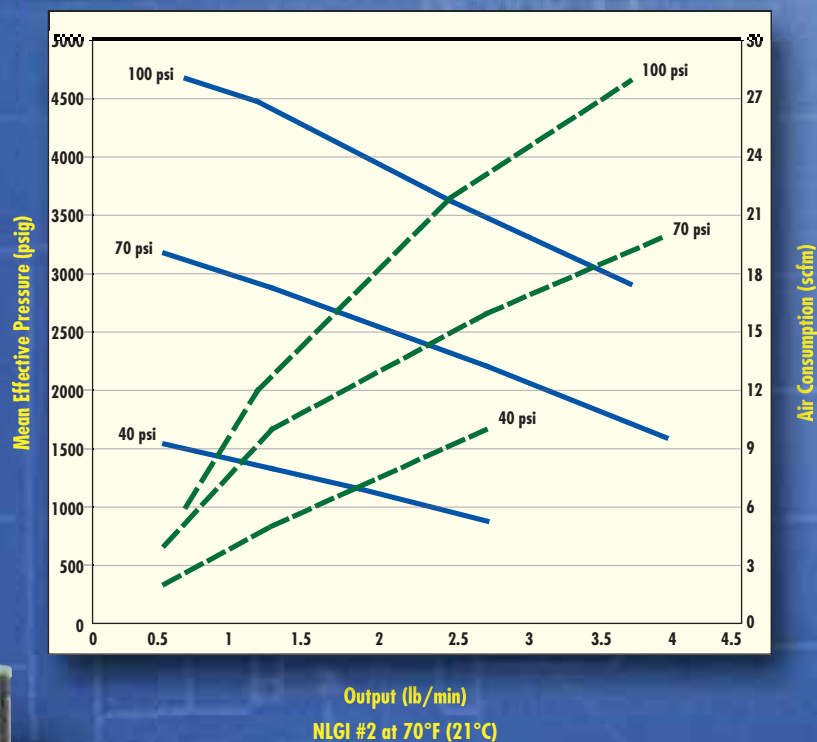
Decibels less than 85 at all normal operating conditions



50:1 4.25" Grease Pump Specifications / Performance Testing

Pumping Ratio	50:1
Air Pressure	40 - 150 psi (2.7 - 10.3 bar)
Max. Output Pressure	7500 psi (517 bar)
Air Inlet	¾ NPTF
Material Outlet	¼ NPTF
Airmotor Bore Dia.	4¼ in. (108 mm)
Stroke	3¼ in. (82.5 mm)
Output Per Cycle	1.47 cu. in. (24.1 cc)
Wetted Parts	Carbon Steel, Brass, Zinc, Polyurethane, Nitrile
Free Flow	220 in³/min (3605 cc/min)
Overall Length (120 Lb.)	36⁷/₈" (926 mm)
Overall Length (400 Lb.)	42¹⁵/₈" (1091 mm)

Decibels less than 85 at all normal operating conditions



3"
Air
Motor

4.25"
Air
Motor

3" Grease Pumps

***V350120000
50:1 – 3" 120-lb.
Bare Pump***



***V35040000
50:1 – 3" 400-lb.
Bare Pump***



***V350120DC
50:1 – 3" 120-lb. Stationary Package***

Package Includes:

- Bare Pump Model No. V350120000
- 120-lb. Stationary Kit Model No. K050120DC
 - Drum Cover Model No. 85826
 - (2) Hose Connectors Model No. 10198
 - Elbow Union Model No. 80202
 - 1/4" x 5' Grease Hose Model No. 75060
 - 3/8" x 5' Air Hose Model No. 273299
 - Follower Model No. 84780
 - Air Coupler/Nipple Model No. 5874/5875



3" Grease Pumps

V350400DC

50:1 – 3" 400-lb. Stationary Package

Package Includes:

- Bare Pump Model No. V350400000
- 400-lb Drum Cover Kit Model No. K050400DC
 - 400-lb. Drum Cover Model No. 85827
 - Air Coupler/Nipple Model No. 5874/5875
 - 1/4" x 5' Grease Hose Model No. 75060
 - (2) Hose Connectors Model No. 10198
 - 3/8" x 5' Air Hose Model No. 273299
 - Elbow Union Model No. 80202



* For heavy greases and/or low temperatures, order follower number 85825 on page 23

V350120HF

50:1 – 3" 120-lb. Inductor Package

Package Includes:

- Bare Pump Model No. V350120000
- Hoist/Follower Kit Model No. 274932

V350400HF

50:1 – 3" 400-lb. Inductor Package

Package Includes:

- Bare Pump Model No. V350400000
- Hoist/Follower Kit Model No. 275260



V350120HF

3" Grease Pumps

V350120LT

50:1 – 3" 120-lb. Lube Truck Package

Package Includes:

- Bare Pump Model No. V350120000
- 120-lb. Lube Truck Kit Model No. K050120LT
 - 120-lb. Drum Cover with Tie Downs Model No. 85829
 - Elbow Union Model No. 80202
 - Air Coupler/Nipple Model No. 5874/5875
 - Lifting Eye Model No. 275415



* For heavy greases and/or low temperatures, order follower number 84780 on page 23



V350400LT

50:1 – 3" 400-lb. Lube Truck Package

Package Includes:

- Bare Pump Model No. V350400000
- 400-lb. Lube Truck Kit Model No. K050400LT
 - 400-lb. Drum Cover with Tie Rods Model No. 83115
 - Elbow Union Model No. 80202
 - Air Coupler/Nipple Model No. 5874/5875
 - Lifting Eye Model No. 275415



* For heavy greases and/or low temperatures, order follower number 85825 on page 23



4.25" Grease Pumps



***V4501200000
50:1 – 4.25"
120-lb. Bare Pump***



***V4504000000
50:1 – 4.25"
400-lb. Bare Pump***

4.25" Grease Pumps

V450120DC

50:1 – 4.25" 120-lb. Stationary Package

Package Includes:

- Bare Pump Model No. V450120000
- 120-lb. Stationary Kit Model No. K050120DC
 - Drum Cover Model No. 85826
 - (2) Hose Connectors Model No. 10198
 - Elbow Union Model No. 80202
 - 1/4" x 5' Grease Hose Model No. 75060
 - 3/8" x 5' Air Hose Model No. 273299
 - Follower Model No. 84780
 - Air Coupler/Nipple Model No. 5874/5875



V450400DC

50:1 – 4.25" 400-lb. Stationary Package

Package Includes:

- Bare Pump Model No. V450400000
- 400-lb Drum Cover Kit Model No. K050400DC
 - 400-lb. Drum Cover Model No. 85827
 - Air Coupler/Nipple Model No. 5874/5875
 - 1/4" x 5' Grease Hose Model No. 75060
 - (2) Hose Connectors Model No. 10198
 - 3/8" x 5' Air Hose Model No. 273299
 - Elbow Union Model No. 80202



V450400HF

50:1 – 4.25" 400-lb. Inductor Package

Package Includes:

- Bare Pump Model No. V450400000
- Hoist/Follower Kit Model No. 275260



* For heavy greases and/or low temperatures, order follower number 85825 on page 23

4.25" Grease Pumps

V450400HR **50:1 – 4.25" 400-lb.** **Inductor/Runaway Package**

Package Includes:

- Bare Pump
Model No. V450400000
- Hoist/Follower Kit
Model No. 275260
- Runaway Control
Model No. 85840



V450120LT **50:1 – 4.25" 120-lb.** **Lube Truck Package**

Package Includes:

- Bare Pump Model No. V450120000
- 120-lb. Lube Truck Kit Model No. K050120LT
 - 120-lb. Drum Cover with Tie Downs
Model No. 84829
 - Elbow Union
Model No. 80202
 - Air Coupler/Nipple
Model No. 5874/5875
 - Lifting Eye
Model No. 275416



V450400LT **50:1 – 4.25" 400-lb.** **Lube Truck Package**

Package Includes:

- Bare Pump
Model No. V450400000
- 400-lb. Lube Truck Kit
Model No. K050400LT
 - 400-lb. Drum Cover with Tie Rods
Model No. 83115
 - Elbow Union
Model No. 80202
 - Air Coupler/Nipple
Model No. 5874/5875
 - Lifting Eye
Model No. 275416



* For heavy greases and/or low temperatures,
order follower number 84780 on page 23

* For heavy greases and/or
low temperatures, order
follower number 85825 on page 23



Portable Pumps

LINCOLN®

85791
50:1 – 3"
25-, 50-lb.
Bare Pump



9989
50:1 – 25-, 50-lb.
Portable with Pail Cover

Package Includes:

- **Bare Pump Model No. 85791**
 - Drum Cover Model No. 275370
 - Flexible Follower Model No. 84775
 - Air Coupler/Nipple Model No. 5874/5875
 - 7' Grease Hose Model No. 75084
 - Straight Swivel Model No. 82399
 - Universal Swivel Model No. 81387
 - Control Valve Model No. 740

9917
50:1 – 120-lb.
Portable with Caster Base

Package Includes:

- **Bare Pump Model No. 85792**
 - Drum Cover Model No. 46007
 - Flexible Follower Model No. 84780
 - Air Coupler/Nipple Model No. 5874/5875
 - 7' Grease Hose Model No. 75084
 - Straight Swivel Model No. 82399
 - Universal Swivel Model No. 81387
 - Control Valve Model No. 740
 - Caster Base Model No. 80895



Accessories

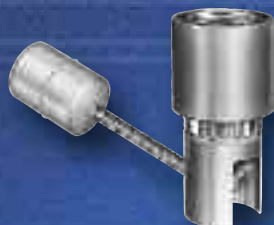
84945



Model 84945 Suction Kit

For transfer of product from drums, bulk tanks or reservoirs. Includes bung bushing suction tube, hose and coupling assembly.

82439



Low-Level Cutoffs

Automatically shuts off flow of oil; keeps air out of the pump when tank or drum level is low. Recommended when dispensing oil through metering devices to conform with standards of the National Conference of Weights and Measures.

- Model 82439 for 1½" NPT suction tubes
- Model 84946 for 1" NPT suction tubes

275413



Model 275413 Wall Mount Bracket

Wall mount bracket for PMV pumps.



282876

Thermal Pressure Relief Valve

Model 282876

Protect lube system components from high-pressure spikes caused by temperature change in a closed fluid network.

Model No.	Application	Pre-Set Relief Pressure	Port Size
282876	Piston Pumps	1000 psi / 68 bar	½" NPT

85840



Model 85840 Runaway Control and Pump Protection

Stops pumps when they lose prime and start to accelerate towards damaging speeds.

Modular Air Line Equipment Accessories—Lockout Valve

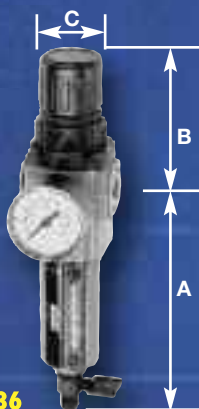
Install in-line or modular with other AirCare products to help conform to OSHA Lockout Regulations. In the closed position, valves block inlet air flow and exhaust downstream air.

Model No.	For Modular Use with	For In-Line Use with	Max. Air Supply psi / bar	Operating Temp. Range
247771	¾" Modular	¾"	250 / 17	0°F to 150°F -20°C to 65°C

247771



602136



Integrated/Modular Filter/Regulator with Gauge

Can be used with other AirCare Modular Components.

Model No.	Maximum Air Supply	Operating Temp. Range	Element Particle Size	Outlet Press. Adj. Range
602136	250 psi 17 bar	0°F to 150°F -18°C to 65°C	40 m	5 to 150 psi 0.3 to 10 bar

Model No.	Drain Type	Port Size PTF	Dimensions-in./mm				Weight lbs./kg
			A	B	C	D	
602136	Manual	¾"	5.27 134	2.89 73	1.98 50	3.29 83	1.2 0.5

Accessories



84780



85824



85825



273299



83115



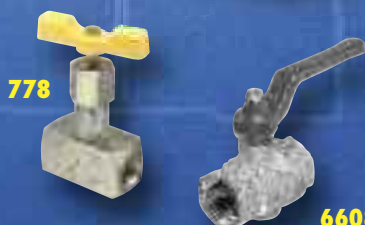
82989



85826



85827



778



66084

Follower Plates

Recommended when pumping viscous lubricants that will not seek their own level.

Model 84780

For use with 120 lb. containers for 1", 1¼", 1½", 1½", 2" diameter pump tubes. Used with Series 20 and 40 air-operated grease pumps.

Model 85825

Deluxe pressed steel follower plate for 400 lb. drums includes a seal in the hub to prevent channeling of grease past the pump tube.

Model 85824 Bung Bushing

Screws in bung opening of 55 gal. drums and custom-built tanks to secure PMV pumps. Plated to resist rust. Threaded 2" NPT(m).

Model 85826 Drum Cover for 120 lb. Drum

For mounting PMV pumps on open 120 lb./16 gal. drums.

Model 85827 Drum Cover for 400 lb. Drum

For mounting PMV pumps on open 400 lb./55 gal. drums.

Model 83115 Lube Truck Drum Cover Tie Rod Assembly for 400 lb. Drum

Secures PMV pump and 400 lb./55 gal. drum to lube truck deck.

Model 82989 Lube Truck Drum Cover Tie Rod Assembly for 120 lb. Drum

Secures PMV pump and 120 lb./16 gal. drum to lube truck deck.

Model 273299 Air Inlet Hose

¾" ID x 5" air hose

Shut-Off Valves

Needle-Type Valves for Chassis Grease

Model No.	Thread	Description
778	¼" NPT(f)	High Pressure

Quarter-Turn Valves Medium Pressure

Model No.	Inlet/Outlet	Maximum Working Pressure
66084	½" NPT(f)	600 psi / 52 bar

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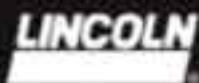
Lincoln Industrial Corp.
One Lincoln Way
St. Louis, MO 63120
1.314.679.4200
Fax: 1.314.679.4359
Fax: 1.800.424.5359

Europe/Africa:

Lincoln GmbH
Heinrich-Hertz Strasse 2-8
D-49190 Wellendorf
Germany
49.6227.33.0
Fax: 49.6227.33.259

Asia/Pacific:

Lincoln Industrial Corporation
51 Changi Business Park
Central 2
#09-06 The Signature
Singapore 486066
65.6588.0188
Fax: 65.6588.3438



Lincoln Industrial Corp.
One Lincoln Way
St. Louis, MO 63120-1578

Phone 314.679.4200
Fax 314.679.4359
www.lincolnindustrial.com

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