

# Grease Pumps Quick Reference

## Technical Specifications and Selection Chart

Air Powered Grease Pumps and Packages

Manual Number	Continuous-Duty Flow Rate	Maximum Fluid Pressure	Air Motor Effective Diameter	Operating Range	Approximate Air Use	Wetted Materials	Air Inlet Port Size	Material Inlet	Material Outlet
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### Mini Fire-Ball 225, 50:1

0.32 lb/min (.15 kg/min.)	8400 psi (578 bar)	2.25 in (57.2 mm)	40-140 psi (3-10 bar)	7.3 scfm @ 0.41 lb/min. (.18 kg/min) @ 100 psi @ 80 cpm	Steel, Urethane, Aluminum, Buna-N, Brass, Ethylene, Delrin®	3/8 in npt(f)	Slotted	1/4 in npt(f)
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Manual [309966](#)

**Line Length** ‡: Up to 100 ft (30.5 m)  
**Annual Usage**: Up to 5,000 lb (2,268 kg)

**Dispense Points**: 1  
**Typical Applications**: Small maintenance facility



### Fire-Ball 300, 50:1

1.19 lb/min. (.54 kg/min.)	8400 psi (580 bar)	3 in (76.2 cm)	30-140 psi (3.0-9.7 bar)	22.8 cfm @100 psi (7 bar)	CS, Delrin®, Buna-N, Polyurethane	3/8 in npt(f)	Slotted	1/4 in npt(f)
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Manual [308883](#)

**Line Length** ‡: Up to 250 ft (76.2 m)  
**Annual Usage**: Up to 10,000 lb (4,535 kg)

**Dispense Points**: 1 to 2  
**Typical Applications**: High pressure grease to 8400 psi (579 bar)



### Fire-Ball 425, 50:1

3.35 lb/min (1.5 kg/min.)	7500 psi (517 bar)	4.25 in (10.8 mm)	40-150 psi (2.8-10.4 bar)	19 cfm @70 psi (4.8 bar)	CS, Leather	1/2 in npt(f)	Slotted	3/8 in npt(f)
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Manual  
[306674/306982](#)

**Line Length** ‡: Up to 250 ft (76.2 m)  
**Annual Usage**: 20,000 lb or more (9,072 kg)

**Dispense Points**: 4 or more  
**Typical Applications**: High pressure grease to 7500 psi (517 bar)



### Fire-Ball 425, 75:1

1.95 lb/min (.88 kg/min.)	7500 psi (517 bar)	4.25 in (10.8 cm)	40-100 psi (2.8-7 bar)	26 cfm @100 psi (7 bar)	CS, Leather	1/2 in npt(f)	Slotted	3/8 in npt(f)
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Manual  
[308777/306982](#)

**Line Length** ‡: Up to 500 ft (152.5 m)  
**Annual Usage**: 15,000 lb or more (6,804 kg)

**Dispense Points**: 4 or more  
**Typical Applications**: High pressure grease to 7500 psi (517 bar)



### Fire-Ball 300, 15:1

0.7 gpm	2700 psi (186 bar)	3 in (7.6 cm)	40-180 psi (2.8-12.5 bar)	17 cfm @ 100 psi (7 bar)	CS, AL, Leather, PTFE, Rubber	3/8 in npt(f)	1 in npt(f) Straight Inlet	1/4 in npt(f)
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Manual [306531](#)

**Line Length** ‡: Up to 250 ft (76.2 m)  
**Annual Usage**: Up to 10,000 lb (4,535 kg)

**Dispense Points**: 1 to 2  
**Typical Applications**: Medium Pressure Grease to 2700 psi (186 bar)



### Fire-Ball 425, 10:1

3.5 gpm	1800 psi (124 bar)	4.25 in (10.8 cm)	40-180 psi (2.8-12.5 bar)	13 cfm @100 psi (7 bar)	Steel, Bass, Aluminum, Leather, Buna-N	1/2 in npt(f)	Slotted	1 in npt(f)
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Manual [309407](#)

\* Not recommended with hose reel

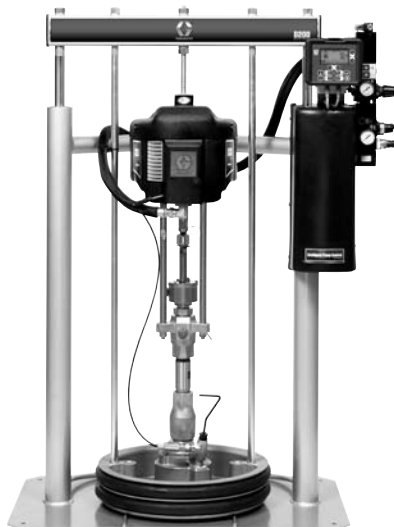
‡ Consult your local authorized Graco representative for line or pipe sizing

# Grease Pumps Quick Reference

## Technical Specifications and Selection Chart



Floor-mounted



RAM-mount

See NXT Ordering Information for Instruction Manuals	Output Per Cycle	Output at 60 CPM*	Maximum Fluid Pressure	Motor Size	Maximum Air Input Pressure psi (bar)
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### Check-Mate, 14:1\*\*

500cc	57.0 lb/min (26.0 kg/min)	1400 (96.5 bar)	NXT 3400	100 (6.9)
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**Line Length**†: Up to 100 ft (30.5 m)  
**Annual Usage:** Up to 20,000 lb. (9,072 kg)

**Dispense Points:** 1  
**Typical Applications:** Small maintenance facility

### Check-Mate, 26:1

500cc	57.0 lb/min (26.0 kg/min)	2600 (179.3 bar)	NXT 6500	100 (6.9)
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**Line Length**†: Up to 250 ft (76.2 m)  
**Annual Usage:** Up to 20,000 lb. (9,072 kg)

**Dispense Points:** 1 to 2 (simultaneous)  
**Typical Applications:** Smaller continuous duty, maintenance facility

### Check-Mate, 29:1

250cc	28.0 lb/min (13.0 kg/min)	2900 (200.0 bar)	NXT 3400	100 (6.9)
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**Line Length**†: Up to 250 ft (76.2 m)  
**Annual Usage:** Up to 20,000 lb. (9,072 kg)

**Dispense Points:** 4 or more  
**Typical Applications:** Medium continuous duty, maintenance facility

### Check-Mate, 55:1

250cc	28.0 lb/min (13.0 kg/min)	5500 (379.2 bar)	NXT 6500	75 (5.2)
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**Line Length**†: Up to 250 ft (76.2 m)  
**Annual Usage:** Up to 20,000 lb. (9,072 kg)

**Dispense Points:** 1 to 2 (simultaneous)  
**Typical Applications:** Smaller continuous duty, maintenance facility

### Check-Mate, 63:1\*\*

100cc	11.4 lb/min (5.2 kg/min)	4500 (310.3 bar)	NXT 3400	72 (5.0)
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**Line Length**†: Up to 250 ft (76.2 m)  
**Annual Usage:** Up to 20,000 lb. (9,072 kg)

**Dispense Points:** 1 to 2 (simultaneous)  
**Typical Applications:** Smaller continuous duty, maintenance facility

### Check-Mate, 68:1\*\*

200cc	22.8 lb/min (10.4 kg/min)	5300 (356.5 bar)	NXT 6500	78 (5.4)
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**Line Length**†: Up to 500 ft (152.5 m)  
**Annual Usage:** Up to 20,000 lb. (9,072 kg)

**Dispense Points:** 1 to 2 (simultaneous)  
**Typical Application:** Smaller continuous duty, maintenance facility

\* Graco recommends 20 CPM or less for supply applications.  
\*\*NXT Check-Mate pump is available in floor stand or RAM Package.  
See NXT package section of this book for more information.

# Mini Fire-Ball® 225, 50:1

## Air-Operated Piston Pumps and Packages for Grease

### Features and Benefits

- Non-corrosive air motor design for long life
- Double-acting pump ensures smooth fluid flow
- Robust grease inlet cage withstands the most abusive handling

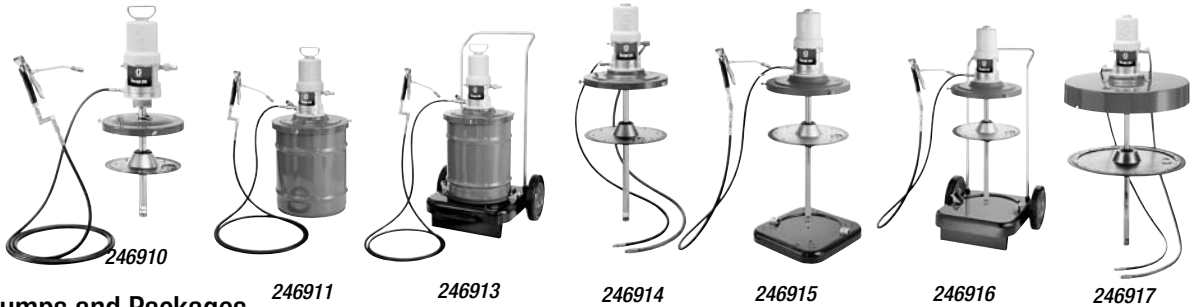
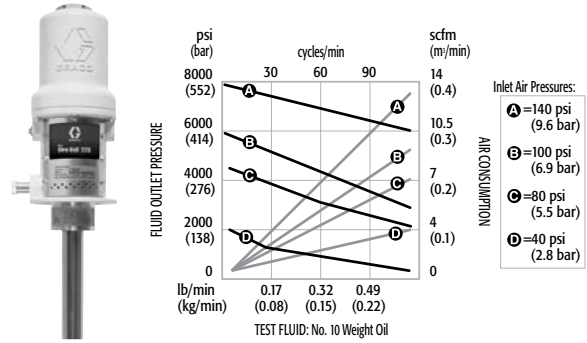
### Typical Applications

- Medium to high pressure, low to medium volume grease dispense
- Automotive dealerships
- Heavy-duty dealerships
- Fast lube and service centers
- Fleet service facilities
- Lube trucks
- Mining
- In-plant

### Typical Fluids Handled

- Grease up to NLGI #2

### Pump Performance



### Grease Pumps and Packages

	Portable Pail Dispenser	Stationary Pail Dispenser	Cart-Mounted Pail Dispenser	Stationary Supply Package	Portable Package w/ Caster Base	Portable Package w/ 2-Wheel Cart	Stationary Supply Package
Container Size	35 lb (16 kg) pail	35 lb (16 kg) pails or 70 lb (32 kg) bulk	35 lb (16 kg) pails or 70 lb (32 kg) bulk	120 lb (55 kg)	120 lb (55 kg)	120 lb (55 kg)	400 lb (180 kg)
Package No.	246910 +	246911 +	246913 +	246914 +	246915 +	246916 +	246917 +
Pump Only	246909	246909	246909	246780	246780	246780	246781
Container	-	204134	204134	-	-	-	-
Follower Plate	220653	*	*	220654	220654	220654	223845
Dispense Kit	236058	236058	236058	222072	236058	236058	222072
Fluid Hose	12 ft x 1/4 in (3.7 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)	6 ft x 1/4 in (1.8 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)	6 ft x 1/4 in (1.8 m x 6.4 mm)
Air Hose	-	-	-	6 ft x 3/8 in (1.8 m x 9.5 mm)	-	-	6 ft x 3/8 in (1.8 m x 9.5 mm)
Cover	222059	204574	204574	204574	204574	204574	200326
Cart	-	-	203650	-	203622	203650	-
Manual	<a href="#">309967</a>	<a href="#">309967</a>	<a href="#">309967</a>	<a href="#">309967</a>	<a href="#">309967</a>	<a href="#">309967</a>	<a href="#">309967</a>

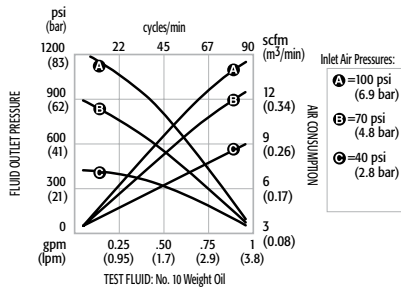
+ Order 3/8 in (9.5 mm) air regulator (109075) separately  
 \* Order follower plate 220653 separately for 35 lb (16 kg) pails or 220654 for 70 lb (32 kg) bulk

# Fire-Ball® 300, 15:1

## Air-Operated Piston Pumps and Packages for Grease



### Pump Performance



### Packages for 35-400 lb (16-180 kg) Containers

	Stationary Pail Dispenser	Stationary Drum Dispenser	Cover-Mounted Drum Dispenser
Container Size lb (kg)	35 lb (16 kg)	120 lb (55 kg)	400 lb (180 kg)
<b>Package No.</b>	<b>222078</b>	<b>220170</b>	<b>220171</b>
Pump Only	206405	206699	206700
Dispense Kit	222080	222081	222081
Fluid Hose	15 ft x 3/8 in (4.6 m x 9.5 mm)	25 ft x 3/8 in (7.6 m x 9.5 mm)	25 ft x 3/8 in (7.6 m x 9.5 mm)
Drum Cover	222058	204574	200326
Instruction Manual		<a href="#">307882</a>	



222078



220170

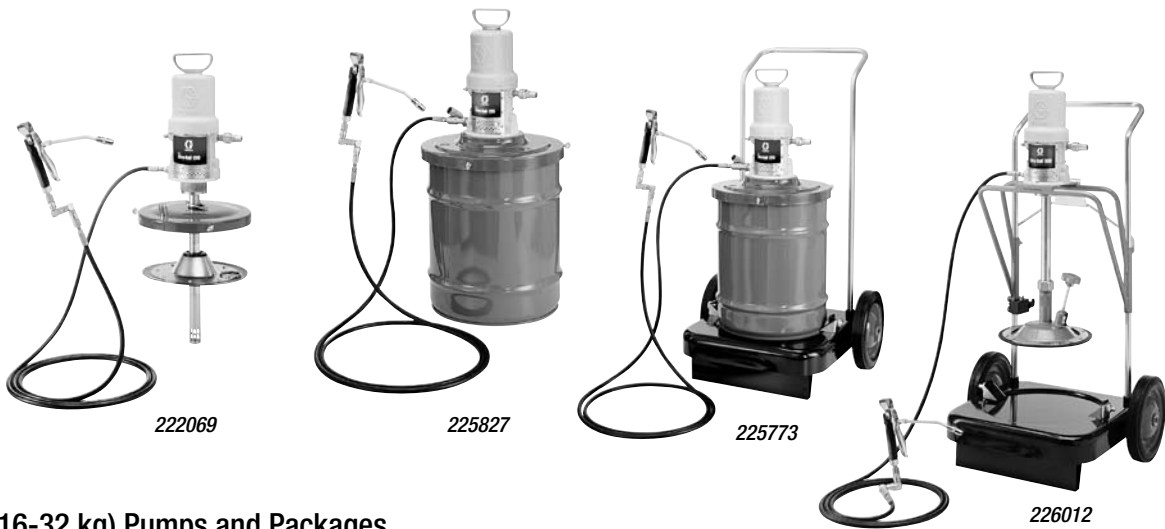
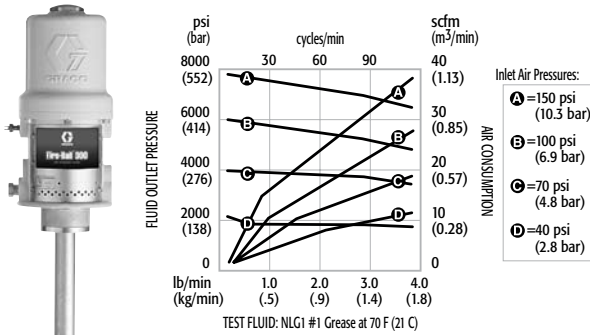


220171

# Fire-Ball® 300, 50:1

## Air-Operated Piston Pumps and Packages for Grease

### Pump Performance



### 35-70 lb (16-32 kg) Pumps and Packages

	Portable Pail Dispenser	Stationary Pail Dispenser	Cart-Mounted Pail Dispenser	Cart-Mounted Pail Topper
Container Size	35 lb (16 kg)	35 lb or 70 lb (16 kg or 32 kg)	35 lb or 70 lb (16 kg or 32 kg)	35 lb (16 kg)
Package No.	222069 *	225827 *	225773 *	226012 *
Metered Package**	245694	-	245695	-
Pump Only	239877	239877	239877	239877
Dispense Kit	222070	222070	222070	222070
Fluid Hose	12 ft x 1/4 in (3.7 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)	12 ft x 1/4 in (3.7 m x 6.4 mm)
Air Hose	-	-	-	-
Follower Plate	220653	†	†	-
Cover	222059	204574	204574	-
Holster	-	203976	203976	203976
Container	-	204134	204134	-
Cart	-	-	203650	203650
Elevator	-	-	-	203664
Inductor Plate	-	-	-	204351
Instruction Manual	<a href="#">307878</a>	<a href="#">307878</a>	<a href="#">307878</a>	<a href="#">307878</a>

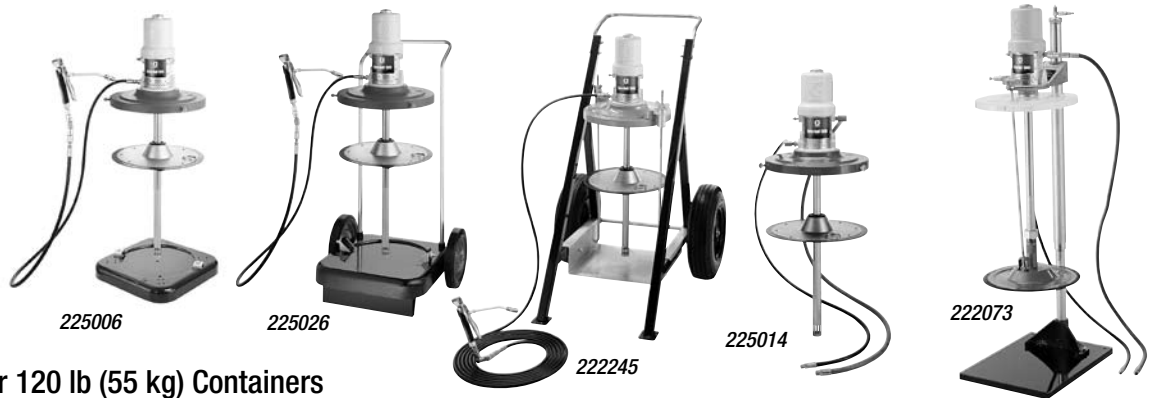
\* Use 3/8 in (9.5 mm) air regulator 109075; must be ordered separately

\*\* Metered grease package includes 233807 Accu-Shot instead of 242056 Pro-Shot

† Order follower plate 220653 for 35 lb (16 kg) containers, and follower plate 220654 for 70 lb (32 kg) containers; must be ordered separately

# Fire-Ball® 300, 50:1

## Air-Operated Piston Pumps and Packages for Grease



### Packages For 120 lb (55 kg) Containers

	Portable with Caster Base	Portable with Two-Wheel Cart	Portable with Heavy-Duty Cart	Stationary Supply	Stationary Supply Topper-Inductor
Container Size lb (kg)	120 (55)	120 (55)	120 (55)	120 (55)	120 (55)
Package No.	<b>225006 *</b>	<b>225026 *</b>	<b>222245 *</b>	<b>225014 *</b>	<b>222073 *</b>
Metered Package	-	245696 **	-	-	-
Pump Only	239887	239887	239887	239887	239887
Dispense Kits	222070		222383	222072	-
Fluid Hose	12 ft x 1/4 in (3.7 m x 6.4 mm)		25 ft x 1/4 in (7.6 m x 6.4 mm)	6 ft x 1/4 in (1.8 m x 6.4 mm)	6 ft x 1/4 in (1.8 m x 6.4 mm)
Air Hose	-	-	-	6 ft x 3/8 in (1.8 m x 9.5 mm)	6 ft x 3/8 in (1.8 m x 9.5 mm)
Follower Plate	220654	220654	220654	220654	-
Cover	204574	204574	222060	204574	-
Holster	203976	203976	-	-	-
Caster Base	203622	-	-	-	-
Cart	-	203650	222243	-	-
Elevator	-	-	-	-	204121
Pump Support	-	-	-	-	222074†
Hold Down Kit	-	-	222061	-	-
Instruction Manual	<a href="#">307878</a>	<a href="#">307878</a>	<a href="#">307878</a>	<a href="#">307880</a>	<a href="#">306523</a>

\* Use 3/8 in (9.5 mm) air regulator 109075; must be ordered separately

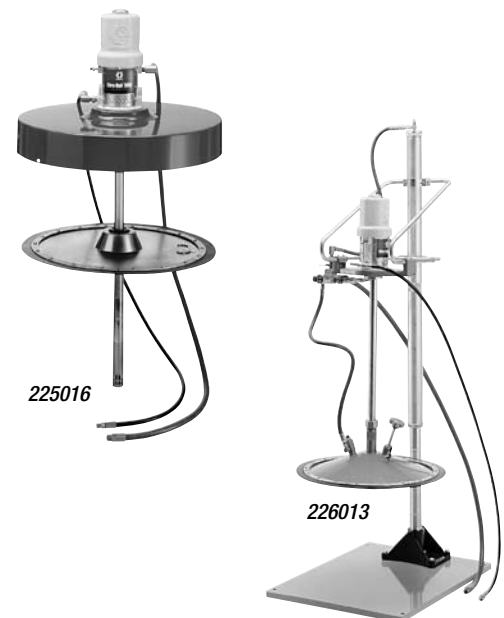
\*\* Metered grease package includes 233807 Accu-Shot instead of 242056 Pro-Shot

† Pump support assembly includes dust cover, base, inductor plate and 6 ft (1.8 m) fluid & air hoses

### Packages for 400 lb (180 kg) Containers

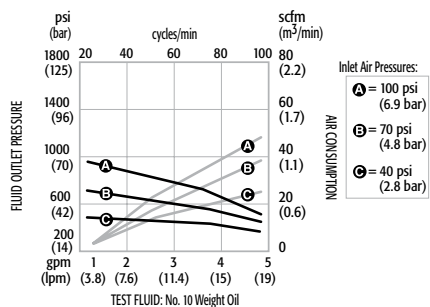
	Stationary	Topper-Inductor
Container Size lb (kg)	400 (180)	400 (180)
Package No.	<b>225016 *</b>	<b>226013 *</b>
Pump Only	239888	239888
Hose & Fitting Kit	222072	204467
Fluid Hose	6 ft (1.8 m) x 1/4 in (6.4 mm)	6 ft (1.8 m) x 1/4 in (6.4 mm)
Air Hose	6 ft (1.8 m) x 3/8 in (9.5 mm)	6 ft (1.8 m) x 3/8 in (9.5 mm)
Follower Plate	223845	-
Cover	200326	-
Carriage	-	204461
Elevator	-	204385
Inductor Plate	-	204353
Base	-	205339
Instruction Manual	<a href="#">307880</a>	<a href="#">306556</a>

\* Use 3/8 in (9.5 mm) air regulator 109075; must be ordered separately



# Fire-Ball® 425, 10:1 and 50:1; Bulldog® 3:1 Air-Operated Piston Pumps and Packages for Grease

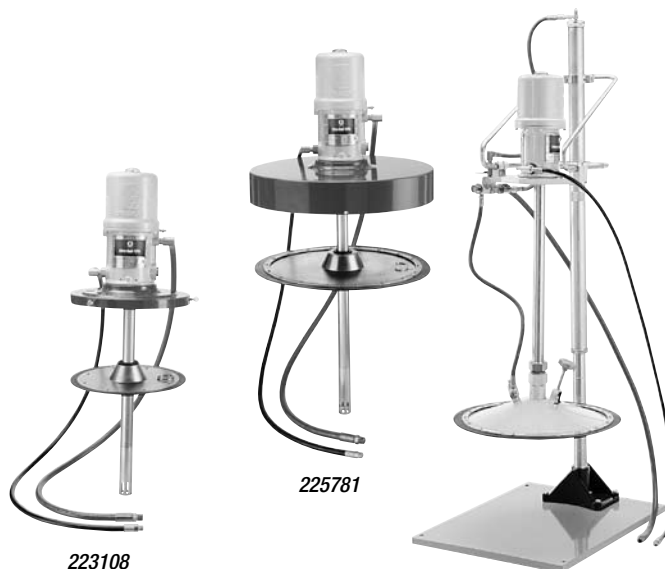
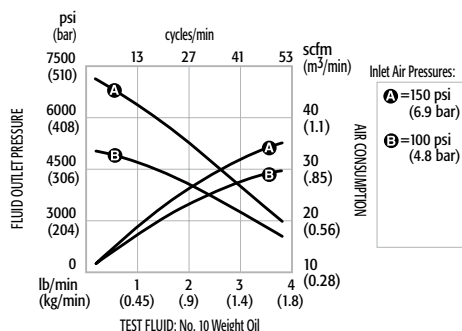
## Fire-Ball 425, 10:1 Performance



### Fire-Ball 425, 10:1 Pump Only

Part No.	Application
965129	400 lb closed. Includes bung adapter.
965124	Stubby/universal

## Fire-Ball 425, 50:1 Performance



## Packages for 120-400 lb (56-180 kg) Containers

Description	Stationary Supply, 50:1	Stationary Supply, 50:1	Stationary Supply Topper-Inductor, 50:1	Ram Package, 50:1	Bulldog (Sinker), 3:1
Container Size lb (kg)	120 (55)	400 (180)	400 (180)	400 (180)	400 (180)
Package Number	223108*	225781*	226018*	244905	244848
Pump Number	205394	205395	205395	205395	205148
Air Hose Kit	222076	222076	205102	222076	208610 / 244658
Fluid Hose	6 ft x 3/8 in (1.8 m x 9.5 mm)	6 ft x 3/8 in (1.8 m x 9.5 mm)	6 ft x 3/8 in (1.8 m x 9.5 mm)	6 ft x 3/8 in (1.8 m x 9.5 mm)	6 ft x 3/8 in (1.8 m x 9.5 mm)
Air Hose	6 ft x 1/2 in (1.8 m x 12.7 mm)	6 ft x 1/2 in (1.8 m x 12.7 mm)	6 ft x 1/2 in (1.8 m x 12.7 mm)	6 ft x 1/2 in (1.8 m x 12.7 mm)	6 ft x 1/2 in (1.8 m x 12.7 mm)
Cover	204574	200326**	-	-	-
Follower Plate	223344	223846	-	-	-
Carriage	-	-	204461	-	-
Elevator	-	-	204385	-	-
Inductor Plate	-	-	205699	-	222404
Base	-	-	205339	-	-
Ram	-	-	-	207279	-
Air Regulator	-	-	-	244844	207651
Adapter Plate	-	-	-	162225	-
Adapter Kit	-	-	-	224266	-
Manual	<a href="#">307880</a>	<a href="#">307880</a>	<a href="#">306556</a>	<a href="#">309345</a>	<a href="#">309345</a>

\* Use 1/2 in (12.7 mm) air regulator 104266 and gauge 100960; must be ordered separately

For Fire-Ball 425, 50:1 Lube Truck Packages, see the Specialty Pump Section

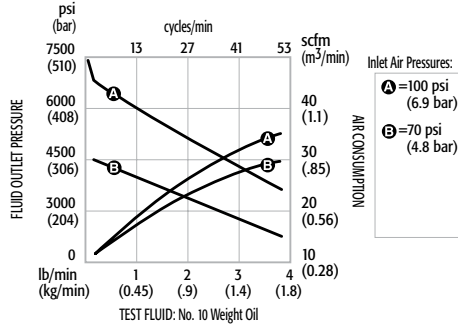
\*\* For Fire-Ball 425 5:1, 10:1, 15:1 and 50:1

# Fire-Ball® 425, 75:1

## Air-Operated Piston Pumps and Packages for Grease



### Pump Performance



### Packages for 35-400 lb (16-180 kg) Containers

Description	Cover-Mount	Cover-Mount	Inductor	Ram	Pail Length	Bung or Cover
Container Size lb (kg)	120 (55)	400 (180)	400 (180)	400 (180)	35/70 lb (16/32 kg)	400 (180)
Package Number	<b>244635*</b>	<b>244636*</b>	<b>244637*</b>	<b>244906</b>	-	-
Bare Pump Number	239729	239730	239730	239730	239731	239730
Hose & Fitting Kit	222076	222076	205102	222076	-	-
Drum Cover	204574	200326	-	-	204574	-
Follower Plate	223344	223846	-	-	**	-
Carriage	-	-	204461	-	-	-
Elevator	-	-	204385	-	-	-
Base	-	-	205339	-	-	-
Inductor	-	-	205699	-	-	-
Ram	-	-	-	207279	-	-
Air Regulator	-	-	-	244844	-	-
Adapter Plate	-	-	-	162225	-	-
Adapter Kit	-	-	-	224266	-	-
Manual	<a href="#">307880</a>	<a href="#">307880</a>	<a href="#">306556</a>	<a href="#">309345</a>	-	-

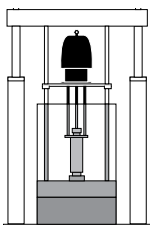
\* Use 1/2 in (12.7 mm) air regulator (104266) and gauge (100960); must be ordered separately \*\* 35 lb: 220653/ 70 lb: 223344 • For Lube Truck Packages, see the Specialty Pumps and Packages Solution Section

### RAM Assemblies

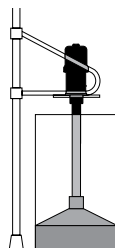
Description	Fire-Ball 300, 50:1	Fire-Ball 425, 75:1	Fire-Ball 425, 50:1	Fire-Ball 425, 10:1	3:1 Bulldog Ram, 400 lb (181 kg) Drum**
System Package	*	<b>244906</b>	<b>244905</b>	*	<b>244641</b>
Bare Pump	239888	239730	205395	965129	205148
Ram	207279	207279	207279	207279	207279
Pump Mount Kit	247336	247337	247337	247337	-
Adapter Kit	224267	224266	224266	not needed	-
Air Regulator and Gauge	203716	244844	244844	207468	207651
Ram Plate Seal Kit	247335	247335	247335	247335	224829
Air Hose 3/4 in x 6 ft	-	-	-	-	208610
Fluid Hose 1 in x 6 ft	-	-	-	-	244658

\*Order individual components \*\*Drum clamp: 206537

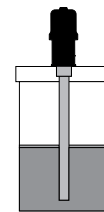
### Drum Systems



- Ram-Mount**
- Force feed high volume pumps
  - Extreme viscous grease
  - Reduce waste
  - Clean and convenient method of drum change



- Inductor-Mount**
- Reduce waste
  - Clean and convenient method of drum change



- Cover-Mount with Follower Plate**
- Economical



# Accessories

## Air-Operated Piston Pumps and Packages for Grease

### Dispense, Hose and Fitting Kits

#### Rated to 4000 - 5000 psi (276-345 bar) for Portable Fire-Ball 300, 50:1 or Mini Fire-Ball 225, 50:1 Pumps

222080	For Fire-Ball 300, 15:1. Includes: 15 ft (4.6 m) of 3/8 in (9.5 mm) fluid hose (109165), grease dispense valve (242056), Z-Swivel (202577), 3/8 in (9.5 mm) closed nipple (156849), quick-disconnect nipple (169971), quick-disconnect air coupler (110198) and 3/8 in (9.5 mm) air regulator (110234).
222081	For Fire-Ball 300, 15:1. Includes: 25 ft (7.6 m) of 3/8 in (9.5 mm) fluid hose (109167), grease dispense valve (242056), Z-Swivel (202577), 3/8 in (9.5 mm) closed nipple (156849), quick-disconnect nipple (169971), quick-disconnect air coupler (110198) and 3/8 in (9.5 mm) air regulator (110234).
236058	For Mini Fire-Ball 225, 50:1. Includes: 12 ft (3.6 m) fluid hose (109151), air coupler (208536), air nipple (169971), grease dispense valve (242056), gun holder (188843) and Z-Swivel (202577).
222070	For Fire-Ball 300, 50:1. Includes: 12 ft (3.6 m) fluid hose (109151), air coupler (208536), air nipple (169971), grease dispense valve (242056) and Z-Swivel (202577). Instruction manual <a href="#">307878</a> .
222383	For Portable Units Powered by the Mini Fire-Ball 225, 50:1 or Fire-Ball 300, 50:1 Pumps. Includes: dispense kit, grease dispense valve (242056), 25 ft (7.6 m) fluid hose (109054), air coupler (208536), air nipple (169971) and Z-Swivel (202577). Instruction manual <a href="#">307878</a> .



220653



204574



200326



222059



160754

### Hose and Fitting Kits

#### Rated to 5000 psi (345 bar) for Stationary Drum-Mounted Fire-Ball 300, 50:1 Pumps

222072	Hose and Fittings Kit. Includes: 6 ft (1.8 m) air hose (203320) with swivel elbow (155494) and 6 ft (1.8 m) fluid hose (109150) with swivel elbow (155541). Instruction manual <a href="#">307880</a> .
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#### Rated to 4000 psi (276 bar) for Stationary Drum-Mounted Fire-Ball 425, 50:1 Pumps

222076	Hose and Fittings Kit. Includes: 6 ft (1.8 m) air hose (205418) with swivel elbow (155470) and 6 ft (1.8 m) fluid hose (109163) with swivel elbow (155494). Instruction manual <a href="#">307880</a> .
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### Bung Adapters

239965	For Fire-Ball 425, 50:1 and 75:1 Pumps, 1.65 in ID
239966	For Fire-Ball 300, 15:1 and 50:1 Pumps

### Lincoln-to-Graco Adapter Kit

241246	For Fire-Ball 300, 50:1 when replacing a Series 20 Lincoln
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### Flange Mounting Accessories for Fire-Ball Pumps

948393	Flange adapter (male) Fire-Ball 300
948392	Flange adapter (male) Fire-Ball 425
512874	Coupler (female)

### Follower Plates

220653	For 35 lb (16 kg) pails with Mini Fire-Ball 225, 50:1, Fire-Ball 300, 15:1 and 50:1 pumps
220654	For 70 and 120 lb (32/55 kg) drum, Mini Fire-Ball 225, 50:1, Fire-Ball 300, 15:1 and 50:1 pumps
223344	For 120 lb (55 kg) drums with Fire-Ball 425, 50:1 and 75:1 pumps
223700	For 120 lb (55 kg) drums with Dyna-Star 5:1 pumps
223845	For 400 lb (180 kg) drum, Mini Fire-Ball 225, 50:1, Fire-Ball 300, 15:1 and 50:1 pumps, 1.19 in ID
204130	Follower plate same as 223845, but without flexible wiper
223846	For 400 lb (180 kg) drums with Fire-Ball 425, 50:1 and 75:1 pumps, 1-13/32 in ID
205337	Follower plate same as 223846, but without flexible wiper
223701	For 400 lb (180 kg) drums with Dyna-Star 5:1 and Fire-Ball 425, 10:1 pumps, 2.1 in ID

### Drum Covers

200326	Cover for open-head 400 lb (180 kg) drums. Use with any Mini Fire-Ball 225; Fire-Ball 225, 50:1; Fire-Ball 300, 15:1 and 50:1; Fire-Ball 425, 10:1 or Dyna-Star 5:1 grease pump. Use adapter 160754 for bung-mounted pumps.
204574	Cover for open-head 120 lb (55 kg) or 70 lb (32 kg) drums. Mounts Mini Fire-Ball 225, Fire-Ball grease pumps or Dyna-Star 5:1 pump. Use adapter 160754 for bung-mounted pumps.
222059	Cover for 35 lb (16 kg) pails. Mounts Mini Fire-Ball 225, 50:1 and Fire-Ball 300, 50:1 pumps using friction-style clutch lock. Allows use of 70 lb (32 kg) length pump with 35 lb (16 kg) pail.
160754	Bung-adapter plate. Mounts to standard 400 lb (180 kg) or 120 lb (55 kg) drum cover and converts mounting to standard 2 npt bung opening. Allows use of bung-mounted pumps with drum covers.

# Accessories

## Air-Operated Piston Pumps and Packages for Grease

Portable Bases	
205054	Band Dolly for 35 lb (16 kg) pails
204144	Band Dolly Base for 70 lb (32 kg) or 120 lb (55 kg) drums
203622	Caster Base for 35 lb (16 kg), 70 lb (32 kg) or 120 lb (55 kg) drums
Carts	
203650	For 35 lb (16 kg), 70 lb (32 kg) and 120 lb (55 kg) drums. Drums fit onto recess on formed base. Rim clamps secure drum onto cart. Use with pail clamp 159952 when using cart with 35 lb (16 kg) pails.
222243	For 120 lb (55 kg) drums with pneumatic wheels for rough terrain.
111470	Heavy-duty drum truck for 400 lb (180 kg) drums secures drum onto roll-around base.
Drum Elevator	
241663	Air-Powered Elevator to speed drum changes. Maximum raised height: 39.5 in (100.33 cm). Includes: Cover Support (207562), Drum Elevator, (204385), Air Control Kit (207561)
Air Shut-Off Valves, Bleed-type, rated to 250 psi (17.4 bar)	
110223	1/4 in (6.4 mm)
110224	3/8 in (9.5 mm)
110225	1/2 in (12.7 mm)
110226	3/4 in (19.1 mm)
High-Pressure Grease Shut-Off Valves	
202869	5000 psi (345 bar) high-pressure needle valve, 1/2 npt(f) ported valve for drop-line isolation.



204144



203622



202869



203650



111470



241663