

FLUID MANAGEMENT EQUIPMENT



2023 PRODUCT CATALOG









New Products







4 **Oil Hose Reels**

ZE1701 3:1 Oil Piston Pump **Dispensing Valves** & Control Handles

Pgs 15-17





Pg 19 **Professional Oil Dispensers**



Oil & Transmission **Drains Low Profile Drains**

Pgs 25-28





Pg 36

ZE2520 Digital **Grease Control Valve** Pg 36





DEF 115V AC Pumping Systems

Grease Hose Reel





ZEDEF-907 DEF Digital Nozzle Pg 62



TABLE OF CONTENTS

	TM
W PRODUCTS 2	
OIL 4-31	
GREASE 32-51	
FUEL 52-57	
DEF 58-63	
CHEMICAL 64-71	
ACCESSORIES 72-81	
ANCE CHARTS 82-85	CHEMICAL RES
INDEX 86-88	

COMPLETE OIL SYSTEMS



OIL HOSE REELS & EQUIPMENT PACKAGES

ZE12300R ZE12500R

Part # Length ZE1230OR 30' ZE1250OR 50'

Oil Reels

- · All steel construction
- Dual arm support
- · Durable powder coated finish

Max. pressure: 2500 PSI
Inlet thread: 1/2" NPT (F)
Outlet thread: 1/2" NPT (M)

Compatible with all ZEELINE by Milton™ oil pumps





ZE7050

- AC 110 volt electric oil pump
- Flow rate: 5 GPM
- · Maximum viscosity: 30 wt
- Designed to fit 55-gallon drums up to 330-gallon totes
- Spout and non-drip tip for filling measures and containers easily and without making a mess
- Approximately 12" of clearance between the barrel and discharge spout
- Includes 20 volt DC power supply with 6 amp output (ZE7051)



12" clearance

- 33.5" to 49"



OIL EQUIPMENT PACKAGES





Basic Packages: Pumps on Pg. 8, 12; Reels on Pg. 4; Meters on Pg. 16

Package #	Pump	Reel / Hose	Meter / Handle
ZE6104	3:1 Stub (ZE1701)	25' Hose (ZE2225)	Digital Quart (ZE2502)
ZE6105	3:1 Stub (ZE1701)	50' Reel (ZE1250OR)	Digital Quart (ZE2502)
ZE6124	3:1 Stub (ZE1701)	30' Reel (ZE1230OR)	Digital Quart (ZE2502)
ZE6204	3:1 55 Gallon (ZE1702R)	25' Hose (ZE2225)	Digital Quart (ZE2502)

4-Wheel Cart Packages: Include a 4-wheel cart (ZE148) Pg. 74

Package #	Pump	Reel / Hose	Meter / Handle
ZE6401	3:1 (ZE1702R) Fits 55-Gallon Drum	30' Reel (ZE1230OR)	Digital Quart (ZE2502)
ZE6405	5:1 (ZE1745) Fits 55-Gallon Drum	30' Reel (ZE1230OR)	Digital Quart (ZE2502)

See Pgs. 6 & 7 for additional packages



ALL equipment packages include the Air Filter/
Regulator (ZE1559A-ASSY), which consists of a night
time drain, regulator, gauge, ball valve, and the male
and female quick disconnect couplers. Packages also
include other connecting components

5

OIL EQUIPMENT PACKAGES



INCLUDING REEL

Packages include:

- Cart with locking casters
- 1/2" x 30' Hose Reel (ZE1230OR)
- Available with ZE148 cart



Optional:

- ZEDG-55 Drum Gauge
- ZE169 Non Sparking Drum Wrench

Kit	Meter	Pump	Pump Ratio
ZE6418	ZE2501	ZE1702R	3:1
ZE6408	ZE2502	ZE1702R	3:1
ZE6808	ZE2501	ZE1701	3:1
ZE6805	ZE2502	ZE1701	3:1
ZE6421	ZE2501	ZE1745	5:1
ZE6412	ZE2502	ZE1745	5:1
ZE6812	ZE2501	ZE1730A	5:1
ZE6809	ZE2502	ZE1730A	5:1



Pumps on Pg. 8, 12; Reels on Pg. 4; Meters on Pg. 16, 17; Cart on Pg. 74

Pumps: ZE1702R/ZE1745 2-year limited warranty











Packages include:

- Cart with locking casters
- 1/2" x 15' Rubber Hose (ZE2215)
- Available with ZE148 cart





- ZEDG-55 Drum Gauge
- ZE169 Non Sparking Drum Wrench

Kit	Meter	Pump	Pump Ratio
ZE6518	ZE2501	ZE1702R	3:1
ZE6413	ZE2502	ZE1702R	3:1
ZE6906	ZE2501	ZE1701	3:1
ZE6905	ZE2502	ZE1701	3:1
ZE6523	ZE2501	ZE1745	5:1
ZE6504	ZE2502	ZE1745	5:1
ZE6910	ZE2501	ZE1730A	5:1
ZE 6909	ZE2502	ZE1730A	5:1

· 2-year limited warranty on meter and cart

Pumps on Pg. 8, 12; Reels on Pg. 4; Meters on Pg. 16, 17; Cart on Pg. 74

Pumps: ZE1702R / ZE1745 2-year limited warranty

Pumps: ZE1701 / ZE1730A

2-year limited warranty



PISTON PUMP: A-SERIES

Pump not suitable for water based fluids

Air Ratio

The Air Ratio describes the amount of work an air operated oil pump is able to do. To figure the output PSI, you multiply the first number of the ratio by the air pressure being fed into the pump. For example, if the air pressure going into a 3:1 pump is 100 PSI, then the output pressure will be 300 PSI

Air Ratio	Max. Delivery Distance
1:1	25 ft
3:1	50 ft
5:1	150 ft



Model (Air Ratio)	ZE1701 (3:1)	ZE1730A (5:1)
Max. Delivery	5.8 GPM	10 GPM
Max. Fluid Viscosity	80/90 SAE	240 SAE
Max. Fluid PSI	435 PSI	725 PSI
Max. Air PSI	145 PSI	145 PSI
Air Consumption	17.02 CFM @ 100 PSI	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT	1/4" NPT
Fluid Inlet Size	3/4" NPT	1" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter	3/4" NPT with 1/2" NPT Adapter
Height Dimensions	11 1/4"	11"

*Use a 5:1 ratio pump to lift fluid more than 20 feet



PISTON PUMP: A-SERIES





	ZE1701 Air Operated Oil Pump Packages		
Included Parts	ZE1713	ZE1714	ZE1716
Oil Pump	ZE1701	ZE1701	ZE1701
PVC Extension	3/4" X 24" (<mark>ZE15210</mark>) Fits 16-Gal Drum	3/4" X 28" (<mark>ZE15212</mark>) Fits 55-Gal Drum	3/4" X 36" (<mark>ZE15214)</mark> Fits 275-Gal Tote
Bung Adapter	ZE28585	ZE28585	ZE28585
Foot Valve	ZE770-433	ZE770-433	ZE770-433
Misc.	16-Gal Drum Cover (ZE680-823)	-	-

Above Packages Also Include:

- 4' Air Hose (ZE2004)
- 4' Oil Hose (ZE2204)
- Air Regulator (ZE1559A-ASSY)
- Pressure Relief Valve (ZE28623)

Available Accessories:

1/2" Oil Hoses

• 1/2" I.D. fiber braid

• Max. pressure: 1,125 lbs

• Min. burst pressure: 4,500 lbs

 Pressure fittings 1/2" NPT (M) both ends

Length
4'
5'
10'
15'
20'
25'
50'



PVC Pickup Tubes

Part #	Container	Dimensions	Compatible Pump
ZE15219	16-Gallon	1" x 24"	ZE1737, ZE1730A
ZE15221	55-Gallon	1" x 28"	ZE1737, ZE1730A
ZE15222	275-Gallon	1" x 36"	ZE1737, ZE1730A

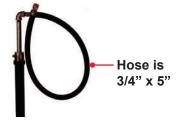
ZE91

 Wall mount bracket with 2" bung hole



ZE92

Suction kit



(Includes 1" bushing adapter)



A-Series: Power Pump Valves

ORDERS MUST SPECIFY "LOCKING" OR "NON-LOCKING" SPIGOTS



Model	ZE1712PPV	ZE1722
Oil Pump	ZE1701 (3:1)	ZE1701 (3:1)
Power Pump Valve	Power Pump Valve (ZE1527)	Power Pump Valve (ZE1529)
Meter	In-Line Meter (ZE1531)	No Meter
Max. Delivery	5.8 GPM	5.8 GPM
Max. Fluid Viscosity	80/90 SAE	80/90 SAE
Max. Fluid PSI	435 PSI	435 PSI
Air Consumption	17.02 CFM @ 100 PSI	17.02 CFM @ 100 PSI
Air Inlet	1/4" NPT	1/4" NPT
Fluid Inlet	3/4" NPT	3/4" NPT
Fluid Outlet	3/4" NPT (w/ 1/2" NPT Adapter)	3/4" NPT (w/ 1/2" NPT Adapter)
Stub Pump Length	21 1/2"	21 1/2"

Features for (ZE1531) Meter:

- Display rotates 90°
- Registers in pints, quarts, gallons, liters
- · Totalizes in gallons or liters
- · Easy to read dial
- Battery 3v Lithium

(ZE1712PPV) & (ZE1722) Include:

- 4' air hose (ZE2004)
- 4' oil hose (ZE2204)
- Air filter/regulator (ZE1559A-ASSY)
- Bung adapter (ZE28585)
- Foot valve w/ screen (ZE770-433)
- 28" pick-up tube (ZE15212)
- Pressure relief valve (ZE28623)

Spigot Only

• Locking: ZE1608R

• Non-locking: ZE1608RNL



OIL ATF GEAR LUBE FREEZE

1/4" NPT Air Inlet

PISTON PUMP: R-SERIES

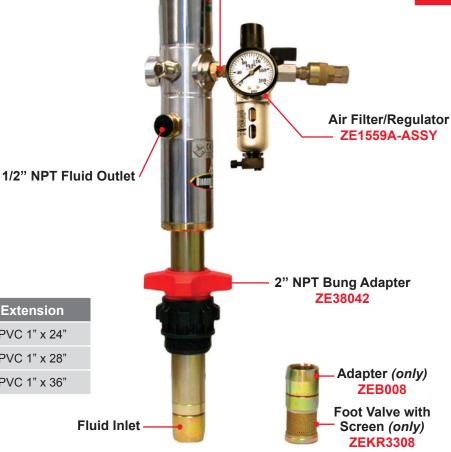
Air Ratio	Max. Delivery Distance
1:1	25 ft
3:1	50 ft
5:1	150 ft

All Three Models Include:

- 4' air hose (ZE2004)
- 4' oil hose (ZE2204)
- Air filter/regulator (ZE1559A-ASSY)
- Bung adapter (ZE38042)
- Foot valve (ZEKR3308)

Optional PVC Pickup Tubes:

Part #	Container Size	Extension
ZE15219	16-Gallon Drum	PVC 1" x 24"
ZE15221	55-Gallon Drum	PVC 1" x 28"
ZE15222	275-Gallon Tote	PVC 1" x 36"



Model (Air Ratio)	ZE1735R (1:1)	ZE1700R (3:1)	ZE1730R (5:1)
Max. Delivery	6 GPM	3.7 GPM	4.7 GPM
Max. Fluid Viscosity	80/90 SAE	80/90 SAE	240 SAE
Max. Fluid PSI	110 PSI	330 PSI	550 PSI
Max. Air PSI	110 PSI	110 PSI	110 PSI
Air Consumption	13 CFM @ 100 PSI	11.65 CFM @ 100 PSI	12.36 CFM @ 100 PSI
Air Inlet Size	1/4" NPT	1/4" NPT	1/4" NPT
Fluid Inlet Size	1" NPT	1" NPT	1" NPT
Fluid Outlet Size	1/2" NPT	1/2" NPT	1/2" NPT
Height Dimensions	14" 10"	111/4"	13 1/2"



PISTON PUMP: R-SERIES

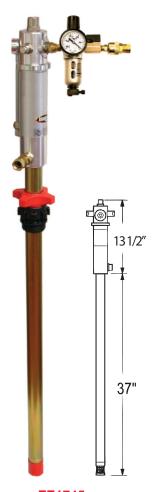


ZE1702R

Fixed Length Pumps

These pumps are designed to fit a 55-gallon drum and made to work without a PVC extension. The pickup tubes are built into the air motor and can not be shortened or extended

All Air Operated Pumps feature a 5-Year Limited Warranty



ZE1745

Model (Air Ratio)	ZE1702R (3:1)	ZE1745 (5:1)
Max. Delivery	3.7 GPM	4.7 GPM
Max. Fluid Viscosity	80/90 SAE	240 SAE
Max. Fluid PSI	330 PSI	550 PSI
Max. Air PSI	110 PSI	110 PSI
Air Consumption	11.65 CFM @ 100 PSI	12.36 CFM @ 100 PSI
Air Inlet Size	1/4" NPT	1/4" NPT
Fluid Inlet Size	1" NPT	1" NPT
Fluid Outlet Size	1/2" NPT	1/2" NPT
Pump Length	48 1/4"	50 1/2"

ZE1702R & ZE1745 Include:

- 4' air hose (ZE2004)
- 4' oil hose (ZE2204)
- Air filter/regulator (ZE1559A-ASSY)
- Bung adapter (ZE38042)
- Foot valve (ZEKR3308)

Optional Accessory for

ZE1702R & ZE1745

ZE28625

Pressure Relief Valve

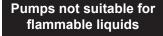
- Highly recommended for ALL R-series pumps
- Prevents damaging back pressure on pumps, meters, and reels





DOUBLE DIAPHRAGM PUMPS

Non-stalling, Lube-free









ZE1040



Includes a grounding cable and is recommended for gasoline and diesel





Model	ZE1035	ZE1040	ZE1040UL
Inlet/Outlet 1/2" NPT		1" NPT	1" NPT
Max. Flow	14 GPM	37 GPM	45 GPM
Body Construction	Polypropylene	Alum / Polypro	Aluminum
Diaphragms	Buna N	Buna N	Buna N
Balls	PTFE	PTFE	Buna N
Seats	Polypropylene	Aluminum	PTFE
UL Listed	No	No	Yes
Air Consumption	16 CFM @ 100 PSI	40 CFM @ 80 PSI	25 CFM @ 50 PSI MAX PRESSURE 100 PSI ½" Air Inlet
Bolt Pattern	4.375" x 6.750"	4.250" x 8.250"	4.250" x 8.250"
Height	10.600"	14.125"	15.125"

All Air Operated Pumps feature a 2-Year Limited Warranty

ZE1559A-ASSY

- Includes: 40-micron air line filter with nighttime drain, regulator, gauge, ball valve, and quick disconnect fittings
- Inlet/Outlet: 1/4" NPT (F)



ZE1559A2-ASSY

Same as ZE1559A-ASSY, but also includes:

- 12" hose
- Mounting bracket
- 3/8" x 1/4" bushing
- 1" x 1/4" hex nipple





AVAILABLE KITS AND ACCESSORIES







ZE1035K / ZE1040K

Pump Kits & Contents

Description	Qty	ZE103501	ZE104001	ZE1035K	ZE1035K2	ZE1040K
Compatible Pump	-	ZE1035	ZE1040	ZE1035	ZE1035	ZE1040
Included Pump	1	None	None	ZE1035	ZE1035	ZE1040
Male Cam Lock	1	3/4" (ZE61961)	1" (ZE61962)	3/4" (ZE61961)	3/4" (ZE61961)	1" (ZE61962)
Female Cam Lock	1	3/4" (ZE61921)	1" (ZE61922)	3/4" (ZE61921)	3/4" (ZE61921)	1" (ZE61922)
Brass Ball Valve	3	3/4"	1"	3/4"	3/4"	1"
Hydraulic Adapter Swivel	2	1/2" x 3/4"	1" x 1"	1/2" x 3/4"	1/2" x 3/4"	1" x 1"
Galvanized Steel	1	3/4"	1"	3/4"	3/4"	1"
Suction Hose	1	3/4" x 8'	1" x 8'	3/4" x 8'	3/4" x 8'	1" x 8'
Discharge Hose	1	3/4" x 8'	1" x 8'	3/4" x 8'	3/4" x 8'	1" x 8'
Nipple	2	3/4" x 2"	1" x 2"	3/4" x 2"	3/4" x 2"	1" x 2"
Strainer	1	3/4"	1"	3/4"	3/4"	1"
Wall Mount Bracket (ZE96)	1	Yes	Yes	Yes	Yes	Yes
Airline Filter (ZE1559A2-ASSY)	1	Yes	Yes	Yes	Yes	Yes
Reducer Bushing (ZE1035RB)	1	No	Yes	No	Yes	Yes

ZE96

- Wall mount pump bracket
- 6" wide x 11" deep
- Comes with mounting hardware for diaphragm pump



CONTROL HANDLES OIL CONTROL VALVES





Model	ZE2510	ZE2511	
Inlet/Outlet	1/2" NPT Thread	1/2" NPT Threads	
Nozzle	Rigid w/ Automatic Non-Drip Tip	1/2" Flex Hose, Automatic Non-Drip Tip	
Max. PSI	1000 PSI	1000 PSI	
Max. Flow	10 GPM (35 LPM)	10 GPM (35 LPM)	
Temp. Range	-14°F - 140° F (-10°C - 60°C)	-14°F - 140° F (-10°C - 60°C)	
Inlet Swivel	1/2" NPT	1/2" NPT	

METERED CONTROL HANDLES

Non-Preset Dispensing Valves





ZE2502

ZE2503

Model	ZE2502	ZE2503
Dispenses	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons
Totalizes	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons
Inlet/Outlet	1/2" NPT Threads	1/2" NPT Threads
Nozzle	1/2" Flex Hose, Automatic Non-Drip Tip	Rigid with Automatic Non-Drip Tip
Max. PSI	725 PSI	725 PSI
Max. Flow	10 GPM (35 LPM)	10 GPM (35 LPM)
Temp. Range	-14°F - 140° F (-10°C - 60°C)	-14°F - 140° F (-10°C - 60°C)
Accuracy	+/- 0.5%	+/- 0.5%
Batteries	3-Volt	3-Volt
Inlet Swivel	1/2" NPT	1/2" NPT
Safety Lock	Loop Trigger Hold	Loop Trigger Hold
Preset Mode	YES	YES

METERED CONTROL HANDLES



PRESET DISPENSING VALVES

Preset Dispensing Valve

A preset dispensing valve allows you to program the amount of fluid you want to dispense, setting it to where the meter will shut off once it has dispensed that amount



Model	ZE2500	ZE2501	
Dispenses	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons	
Totalizes	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons	
Inlet/Outlet	1/2" NPT Threads	1/2" NPT Threads	
Nozzle	1/2" Flex Hose, Automatic Non-Drip Tip	Rigid w/ Automatic Non-Drip Tip	
Max. PSI	Max. PSI 1000 PSI		
Max. Flow 8 GPM		8 GPM	
Accuracy	To Second Decimal	To Second Decimal	
Batteries	(4) AA	(4) AA	
Inlet Swivel	1/2" NPT (ZE64082-001)	1/2" NPT (ZE64082-001)	
Safety Lock	Trigger Guard	Trigger Guard	

TOTE MOUNTED EQUIPMENT TOTE MOUNTING PLATE AND KITS



Universal Tote Mounting Plate





ZE6602

- Fits totes 39" to 41" wide; most 275 to 330-gallon totes
- · Clamps to side rails of most shaped cages
- Steel construction with a scratch resistant powder coated finish
- 2" NPT threads for pump
- 2" filler neck with rubber cap
- · Holes for mounting ZEELINE by Milton™ reels
- Shipping weight: 24 lbs



Kit#	Pump	Reel / Hose	Meter / Handle
ZE6613	3:1 Stub (ZE1701)	25' Hose (ZE2225)	Digital Quart (ZE2502)
ZE6614	3:1 Stub (ZE1701)	30' Reel (ZE1230OR)	Digital Quart (ZE2502)

Kits include a Tote Bracket (ZE6602), and Suction Tube (ZE15216)

ELECTRIC OIL PUMP



AND PORTABLE DISPENSING SYSTEMS

Features for both (ZE936G) & (ZE938G):

- Pickup tube with built in screen for 55-gallon container
- · Built in bypass valve with on and off switch
- Self-priming, positive displacement
- · Air cooled motor with thermal protection

Model	ZE936G	ZE938G
Delivery Rate	4.4 GPM	8 GPM
Max. Oil Viscosity	90-wt. @ 50°F	90-wt. @ 50°F
Inlet	1" NPT	1" NPT
Outlet	3/4" NPT	3/4" NPT
Discharge Hose	3/4" x 8'	3/4" x 8'
Suction Tube	34" Steel	34" Steel
Motor	1/2 HP 115-Volt AC	1/2 HP 115-Volt AC
Max. Oil Temp.	150°F	150°F
Max. Outlet PSI	65 PSI	65 PSI
RPM	1720 RPM	3400 RPM







ZE60OD and ZE21OD Features

- 6.5-ft delivery hose
- 8-inch diameter fill funnel
- Durable steel tank





ZE60D

- 6-gallon wheel-mounted tank for stability and easy mobility
- 8-inch easy-fill funnel catches fluids and prevents drain debris from falling into the tank
- Can be used for oil, transmission, and antifreeze fluids
- Integrated level sight gauge for easy-to-read tank fluid levels
- Simple dispensing: Fill tank with compressed air to dispense fluids
- Includes pressure relief safety valve to prevent over-pressurization of tank, and downtube ball valve prevents surprise oil discharges
- · 6-inch fixed wheels

ZE210D

- 21-gallon wheel-mounted tank for stability and easy mobility
- 8-inch easy-fill funnel catches fluids and prevents drain debris from falling into the tank
- Can be used for oil, transmission, and antifreeze fluids
- Integrated level sight gauge for easy-to-read tank fluid levels
- Simple dispensing: Fill tank with compressed air to dispense fluids
- Includes pressure relief safety valve to prevent over-pressurization of tank, and downtube ball valve prevents surprise oil discharges
- 6-inch fixed wheels and 3-inch swivel casters



Pumps Not Suitable for Flammable Liquids, Water Based Liquids, or Corrosive Liquids



Gear Lube Pump

- For dispensing oils, ATF, and gear lube (max 140 wt)
- Delivers approximately 1-gallon per 55 strokes
- · Variable stroke handle
- · Powder coated pail cover
- 4' vinyl hose with curved nozzle
- Buna N seal

ZE321





- 12" clear vinyl hose
- Powder-coated steel construction
- Buna N piston ring

ZE353

Plastic Bucket Pump

- Attaches directly to pull-up spout on many 5-gallon pails, without a need to remove the plastic covers
- Includes 7 pump adapters for all types of pails
- Dispenses approximately 1 qt per 19 strokes
- Discharge hose is fitted with a non-drip tip
- Includes an extension for a 6 1/2-gallon pail
- 48" long hose with embedded spring
- Plastic pump head and steel tube
- Metal curved pump spout
- Down-stroke operation





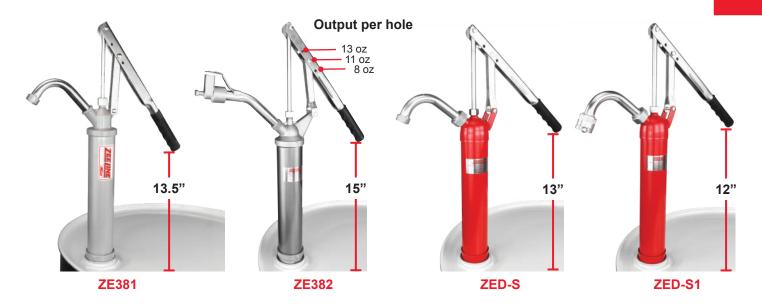






For 15-55 Gallon Drums

Pumps Not Suitable for Water Based Fluids



Features for All Models:

Variable stroke

(ZE381) & (ZE382):

(ZED-S) & (ZED-S1):

• Durable powder coated finish

• Steel body with die cast aluminum head and base

All steel body

Model	ZE381	ZE382	ZED-S	ZED-S1
Delivery Rate	1-gal. per 9 Strokes			
Variable Stroke	Yes	Yes	Yes	Yes
Max Fluid Viscosity	40 wt.	40 wt.	40 wt.	40 wt.
Suction Tube	Telescoping PVC	Telescoping PVC	Telescoping PVC	Telescoping PVC
Non-Drip Tip	No	Yes	No	Yes (ZED01)
Powder Coat Finish	Yes	Yes	Yes	Yes
Seals	Buna N	Buna N	Buna N	Buna N
Threads on Spout	Garden Hose	Non-Drip Spout	Garden Hose	Non-Drip Spout

Available Accessories:



- Allows 360° positioning on pump
- · Fits all above models



- Non-drip attachment
- 3/4" GHT



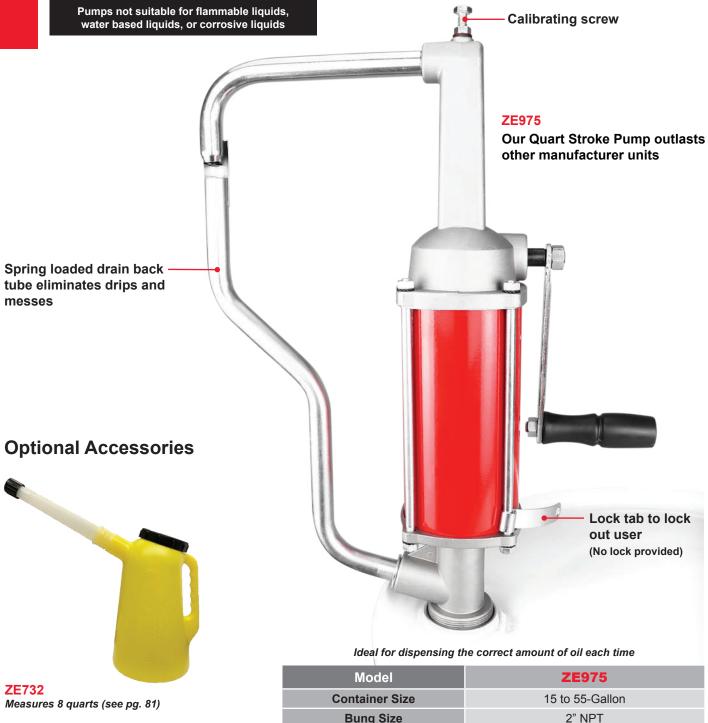
ZE170

- Lever lock
- Fits up to a 1/2" lock
- · Fits most lever style drum pumps
- Lock not included

HAND PUMPS



QUART STROKE





ZET	69					
Non	sparking	drum	wrench	(see	pg.	76)

Model	ZE 975	
Container Size	15 to 55-Gallon	
Bung Size	2" NPT	
Delivery	1-Quart per Cycle	
Lockable Crank Arm	Yes	
Suction Tube	Steel Telescoping	
Seals	Delrin	
ZE104006G	Locking Ring	
ZEL30-99N	Suction Tube	
ZE9752394	Rebuild Kit	



LEVER STYLE



Pumps not suitable for flammable liquids, water based liquids, or corrosive liquids

ZE155

• Fits 30 to 55-gallon drums



All pumps come with variable stroke handle positions



ZE336

• Fits 16-gallon open head drums

ZE338

• Fits 15 to 55-gallon drums

Maximum 140-wt

Model	Hose Assembly	Bung Adapter	Approximate Delivery	Seals
ZE155	5' (ZE104016-A)	2" (ZE106025)	1-Gal per 32 Strokes	Buna N
ZE336	5' (ZE104016-A)	Cover for Drum	1-Gal per 32 Strokes	Buna N
ZE338	Not Included	2" (ZE106025)	1-Gal per 32 Strokes	Buna N

HAND PUMPS

LEVER STYLE



Pumps not suitable for water based fluids



- Fits 15 to 55-gallon drums
- Recommended for light oil products



ZE366T

- Fits 15 to 55-gallon drums
- · Recommended for paint thinners and some non-corrosive chemicals

Maximum 140-wt

Model ZE366		ZE366T
Delivery Rate 1-Gallon per 6 Lift Strokes		1-Gallon per 6 Lift Strokes
Container Size 15 to 55-Gallon Drum		15 to 55-Gallon Drum
Length 37 1/2"		37 1/2"
Seal PTFE		PTFE
Bung Adapter Powder Coated		Unpainted

Features Both Models:

- Plated steel construction with die cast aluminum head
- Heavy-duty bar stock handle
- · Cast iron bung adapter for a durable long lasting thread
- Garden hose threads on the head of the pump allow for a threaded connection
- Brass piston ring allows for smooth operation without deterioration

ZE8DC

- 8-gallon oil drain design ideal for lower volume shops or home garage/shops
- Seamless maneuverability: 3" swivel casters provide stability and easily rolls under a lifted vehicle
- Can be used with oil, transmission fluid, and antifreeze
- Simple height adjustment: Loosen downtube knob to raise and lower the funnel from 48" to 71"
- Translucent tank: Easy to determine if tank is full
- When tank is full, remove downtube and funnel: unscrew cap and empty into waste oil container
- Integrated molded grip allows for secure hold on tank and makes oil disposal easier
- · 2-inch drain port with cap
- · Built-in funnel screen
- Wide drain pipe for faster draining



ZE21DC

- 21-gallon oil drain design
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- Can be used with oil, transmission fluid, and antifreeze
- 5-ft evacuation hose w/ J-hook
- · Durable steel tank



OIL DRAINS

ZE21PD

- 21-gallon pantograph oil drain that can be placed under a lifted vehicle, evacuate fluid through the dipstick with probes, or be used as a basin under trucks or heavy equipment
- To operate, just pressurize the tank with shop air, attach the appropriate probe, insert into the dipstick, and watch the oil flow into the evacuator
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade drain: 10-gallon catch basin with mesh screen to help prevent oil splatter
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- Durable steel tank



Transmission Drain

ZE21TD

- 21-gallon transmission drain design ideal for lower volume shops or home garage/shops
- More stability: 6" fixed-axle wheel and 3" caster configuration makes moving under a vehicle simple and helps the drain stay in place on damaged or uneven floors, unlike models that have four swivel casters
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: Wide-catch 20.5" diameter funnel with builtin screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- Can be used with oil, transmission fluid, and antifreeze
- 5-ft evacuation hose w/ J-hook
- · Durable steel tank



Low Profile Drains

ZELP17

- 17-gallon low-profile oil drain design rolls under the vehicle without the need of an automotive lift
- Seamless maneuverability: Long-reach T-handle and 4" swivel casters provide stability and ease of use around the shop
- Can be used with oil, transmission fluid, and antifreeze
- Large durable tank: Made of lightweight polyethylene, no risk of corrosion
- Low spillage risk: Internal baffles help prevent oil spillage while transporting the drain

Evacuation types:

- · Gravity drain via drain plug
- Can be retrofitted to use a variety of pumps (sold separately)
- T-handle easily folds for storage
- Integrated baffles & wire screen mesh
- Large catch area

ZELP17-MP

- 17-gallon low-profile oil drain design rolls under the vehicle without the need of an automotive lift
- Seamless maneuverability: Long-reach T-handle and 4" swivel casters provide stability and ease of use around the shop
- Can be used with oil, transmission fluid, and antifreeze
- Large durable tank: Made of lightweight polyethylene, no risk of corrosion
- Low spillage risk: Internal baffles help prevent oil spillage while transporting the drain

Evacuation types:

- Rotary pump kit included eliminates the need for lifting the drain to empty fluids
- T-handle easily folds for storage
- · Integrated baffles & wire screen mesh
- · Large catch area





Low Profile Drains

ZELP17-EP

- 17-gallon low-profile oil drain design rolls under the vehicle without the need of an automotive lift
- Seamless maneuverability: Long-reach T-handle and 4" swivel casters provide stability and ease of use around the shop
- Can be used with oil, transmission fluid, and antifreeze
- Large durable tank: Made of lightweight polyethylene, no risk of corrosion
- Low spillage risk: Internal baffles help prevent oil spillage while transporting the drain

Evacuation types:

- 115V UL-listed electric pump kit included which eliminates the need for lifting the drain to empty fluids
- · T-handle easily folds for storage
- Integrated baffles & wire screen mesh
- · Large catch area



- For draining oil or antifreeze from heavy-duty trucks and RVs where a lift drain is not suitable
- 18-gallon capacity
- · Heavy-duty steel construction
- 1/2" NPT drain outlet
- Dimensions: H- 7.5" W- 22" L- 42"
- Ships freight only / 85 lbs shipping weight

ZE1035K2

- Air operated suction kit for draining (ZE227)
- Includes: pump, hoses, mounting bracket, and other necessary connections
- For complete details, see Pg.14





COMBINATION OIL DRAINS

ZE21CM

- 21-gallon combination oil drain can be used as a standard oil drain, can be placed under a lifted vehicle or act as a fluid evacuator using the included probes
- This 2-in-1 unit is ideal for small shops wanting to service more types of vehicles, or larger shops that need to increase productivity
- To operate, just pressurize the tank with shop air, attach the appropriate probe, insert into the dipstick, and watch the oil flow into the evacuator
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- · Durable steel tank

ZE21CMB

- 21-gallon combination oil drain can be used as a standard oil drain, can be placed under a lifted vehicle or act as a fluid evacuator using the included probes
- This 2-in-1 unit is ideal for small shops wanting to service more types of vehicles, or larger shops that need to increase productivity
- To operate, just pressurize the tank with shop air, attach the appropriate probe, insert into the dipstick, and watch the oil flow into the evacuator
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Includes 2.4-gallon (9.5-qt) measuring bowl that allows the technician to verify the amount of fluid removed before adding new fluid
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- · Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- Durable steel tank









ZE6EV

- 21-gallon fluid evacuator uses included probes to remove fluids without having to remove the drain plug on the pan, which limits shop liability
- Portability: No need to leave attached to an air hose during operation after pressurization
- Wide variety of applications: The five suction probes allow the operator to access multiple dipstick tubes or evacuation points
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- 5 suction probes included
- · Durable steel tank



ZE21EV

- 21-gallon fluid evacuator uses included probes to remove fluids without having to remove the drain plug on the pan, which limits shop liability
- Portability: No need to leave attached to an air hose during operation after pressurization
- Wide variety of applications: The five suction probes allow the operator to access multiple dipstick tubes or evacuation points
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- · Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- 5 suction probes included
- · Durable steel tank





COMBINATION DRAINS

AND DRAIN PAN

ZE21EVB

- 21-gallon fluid evacuator uses included probes to remove fluids without having to remove the drain plug on the pan, which limits shop liability
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Includes 2.4-gallon (9.5-qt) measuring bowl that allows the technician to verify the amount of fluid removed before adding new fluid
- Portability: No need to leave attached to an air hose during operation after pressurization
- 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Wide variety of applications: The five suction probes allow the operator to access multiple dipstick tubes or evacuation points
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- 5 suction probes included
- Durable steel tank



ZE700

- Made from lightweight, strong and durable polyethylene
- 8" drain opening with O-ring in catch cap to prevent leaks
- 15-quart capacity
- Integrated carrying handles for ease of maneuverability and transport
- Catch screen prevents loss of drain plugs and gaskets
- Use with a variety of fluid types







50:1 RATIO PUMP FOR 25-50 LB PAIL



ZE3574R

 Complete system with all parts shown for pumping grease from 5 to 6-gallon buckets and 25-50 lb pails

Model	ZE3574R	
Pump	Heavy-Duty 50:1	
Max Grease NLGI	No. 2	
Max Delivery	52 oz per Minute @ 90 PSI	
Max Air PSI	110 PSI	
Air Consumption	4.59 CFM @ 100 PSI	
Air Inlet	1/4" NPT	
Air Hose	1/4" x 4' (ZE2004)	
Tube Length	16"	
Pump Tube Diameter	1 3/16"	
Airline Filter Package	ZE1559A-ASSY	

Available Packages:

Package #	Hose Length	Hose P/N
ZE3574R	6'	ZE1806
ZE3574R-00	None	-
ZE3574R-10	10'	ZE1810
ZE3574R-12	12'	ZE1812
ZE3574R-16	16'	ZE1816
ZE3574R-25	25'	ZE1825



Included Accessories:



ZE1559A-ASSY

 Regulator combination unit



ZE1536A

· Control handle



ZE66599

· Carry handle



ZE2004

• 4' air hose



ZE65310

• Drum cover



ZE1545

"Z" swivel



ZE107016• Follower plate



ZE1806

• 6' grease hose



60:1 RATIO PUMP FOR 25-50 LB PAIL

ZE3574A

 Complete system with all parts shown for pumping grease from 5 to 6-gallon buckets and 25-50 lb pails

Model	ZE3574A	
Pump	Heavy-Duty 60:1	
Max Grease NLGI	No. 2	
Max Delivery	38.72 oz per Minute @ 100 PSI	
Max Air PSI	145 PSI	
Air Consumption	5.50 CFM @ 100 PSI	
Air Inlet	1/4" NPT	
Air Hose	1/4" x 4' (ZE2004)	
Tube Length	17 3/4"	
Pump Tube Diameter	1 3/16"	
Bung Adapter	2" (ZE28591)	
Airline Filter Package	ZE1559A-ASSY	



Package #	Hose Length	Hose P/N
ZE3574A	6'	ZE1806
ZE3574A-10	10'	ZE1810
ZE3574A-12	12'	ZE1812
ZE3574A-16	16'	ZE1816
ZE3574A-25	25'	ZE1825

Included Accessories:



ZE1559A-ASSY

 Regulator combination unit



ZE1536A

· Control handle



ZE1806

• 6' grease hose



ZE2004

• 4' air hose



ZE18527

· Drum cover



ZE1545

"Z" swivel



ZE107016

· Follower plate

Fax (800) 637-9511



65:1/50:1 RATIO PUMP FOR 120 LB DRUM



ZE1213R ZE1220R

Features for Both Models:

- Complete system with all parts shown for pumping grease from 120 lb drums
- · Suction tube constructed with no seals to eliminate excessive wear

Model	ZE1213R	ZE1220R	
Pump	Heavy-Duty 65:1	Heavy-Duty 50:1	
Max Grease NLGI	No. 3	No. 2	
Max Delivery	66 oz per Minute @ 90 PSI	52 oz per Minute @ 90 PSI	
Max Air PSI	110 PSI	110 PSI	
Air Consumption	8.74 CFM @ 100 PSI	4.59 CFM @ 100 PSI	
Air Inlet	1/4" NPT	1/4" NPT	
Air Hose	1/4" x 4' (ZE2004)	1/4" x 4' (ZE2004)	
Pump Head Diameter	2 1/2"	2 1/2"	
Head Length	10"	10"	
Tube Length	29"	29"	
Pump Tube Diameter	1 3/16"	1 3/16"	
Airline Filter Package	ZE1559A-ASSY	ZE1559A-ASSY	

Available Packages:

Package #	Hose Length	Hose P/N	Package #	Hose Length	Hose P/N
ZE1213R	6'	ZE1806	ZE1220R	6'	ZE1806
ZE1213R-00	None	-	ZE1220R-00	None	-
ZE1213R-10	10'	ZE1810	ZE1220R-12	12'	ZE1812
ZE1213R-12	12'	ZE1812	ZE1220R-16	16'	ZE1816
ZE1213R-16	16'	ZE1816			
ZE1213R-25	25'	ZE1825			
ZE1213R-50	50'	ZE1850			

Applications:

- For dispensing short and long distances
- Particularly suited for centralized dispensing system
- Highly recommended for specific needs requiring a higher quantity of grease and higher pressure

Included Accessories:



ZE1559A-ASSY

 Regulator combination unit



ZE1536A

Control handle



ZE1806

· 6' grease hose



ZE2004

· 4' air hose



ZE65385

• Drum cover



ZE1545

"Z" swivel



ZE1524

Follower plate



ZE120-S

Drum dolly



60:1 RATIO PUMP FOR 120 LB DRUM

ZE1213A

Model	ZE1213A	
Pump	Heavy-Duty 60:1	
Max Grease NLGI	No. 2	
Max Delivery	38.72 oz per Minute @ 100 PSI	
Max Air PSI	145 PSI	
Air Consumption	5.50 CFM @ 100 PSI	
Air Inlet	1/4" NPT	
Air Hose	1/4" x 4' (ZE2004)	
Tube Length	29 1/2"	
Pump Tube Diameter	1 5/32"	
Bung Adapter	2" (ZE28591)	
Airline Filter Package	ZE1559A-ASSY	

 Complete system with all parts shown for pumping grease from 120-lb drums



Available Packages:

Package #	Hose Length	Hose P/N
ZE1213A	6'	ZE1806
ZE1213A-00	None	-
ZE1213A-10	10'	ZE1810
ZE1213A-12	12'	ZE1812
ZE1213A-16	16'	ZE1816
ZE1213A-25	25'	ZE1825
ZE1213A-50	50'	ZE1850

ZE1213A Included Accessories:



ZE1559A-ASSY

 Regulator combination unit



ZE1536A

Control handle



ZE1806

• 6' grease hose



ZE2004

• 4' air hose



ZE680-823

· Drum cover



ZE1545

"Z" swivel



ZE1524Follower plate

ZE120-S

· Drum dolly



GREASE HOSE REEL AND CONTROL HANDLES

ZE1450GR

- · Built to survive the toughest conditions
- 1/4" x 50' commercial high tensile wire-braided nitrile and neoprene hose delivers superior strength and resistance to abrasion and oils
- The ½" diameter hose has a maximum pressure of 2320 PSI which allows for maximum delivery of petroleum and water based hydraulic fluids
- 4-direction non-snag rollers reduce wear and tear to the hose and allow for easier hose movement
- Slow retraction technology allows for safer hose return and reduces the potential for injuries
- Mounts to walls, ceilings, floors, trucks, carts and more!



ZE2520

Digital Grease Control Valve with Rigid Pipe



- Comfort Handle: Ergonomic grip for operator comfort
- Precise Measurement:
 Accuracy rating of +/- 2 %
- Efficient Delivery: Dispenses in ounces and pounds
- Built to Last: Crafted with aircraft grade aluminum components
- Use with a variety of applications: For automotive, heavy equipment, industrial, and more!

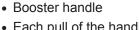
Specifications:

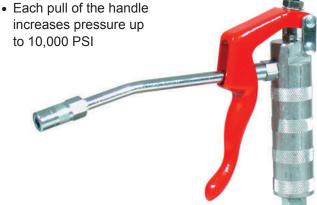
• Pressure rating: 8700 PSI (600 BAR)

• Thread size: 1/4 NPT (female)



ZE1536A





Model	ZE1536A
Inlet	1/8" NPT
Outlet	1/8" NPT
Continuous Flow	Yes
Grease Coupler	Heavy-Duty 3-Jaw (ZE25)
Pressure Relief Valve	No
Construction	Aluminum



GREASE HANDLES

CONTINUOUS FLOW AND BOOSTER HANDLES



ZE1533

- Booster handle with pressure relief valve
- Each pull of the handle increases pressure up to 10,000 PSI



ZE1534

- · Continuous flow
- Pressure is determined by the pump used with this handle

Model	ZE1533	ZE1534
Inlet	1/8" NPT	1/4" NPT
Outlet	1/8" NPT	1/8" NPT
Continuous Flow	Yes	Yes
Grease Coupler	3-Jaw	Standard 3-Jaw (ZE28)
Pressure Relief Valve	Yes	No
Construction	Steel	Steel

Accessories



ZE1544

- Straight swivel
- Inlet: 1/4" NPT (F)
- Outlet: 1/4" NPT (M)
- Compatible with: ZE1534



- "Z" swivel
- Inlet: 1/4" NPT (F)
- Outlet: 1/4" NPT (M)
- Compatible with: ZE1534



ZE1545

- "Z" swivel
- Inlet: 1/4" NPT (F)
- Outlet: 1/8" NPT (M)
- Compatible with: ZE1533, ZE1536A



- Flexible hose assembly for use with control handles
- · Includes adapter, hose, and coupler
- Working pressure: 5,000 PSI
- Burst pressure: 20,000 PSI

FOLLOWER PLATES

STRAIGHT OR TAPERED

Follower Plates

Steel follower plates suitable for barrels, drums, and pails (straight or tapered)



ZE107012 ZE107016



ZE1523 **ZE**1524

Part #	Description	Ideal For	I.D.	O.D.
	For 25-50 lb Pa	ils		
ZE107012	Flexible Rubber Edge	ZE328 (Pg. 41)	1.50"	11.25"
ZE107016	Flexible Rubber Edge	ZE3574A (Pg. 33) ZE3574R (Pg. 32)	1.16"	11.375"
For 120 lb Drums				
ZE1523	Steel Edge	ZE327 (Pg. 41)	1.437"	14.25"
ZE1524	Flexible Rubber Edge	ZE1213R (Pg. 34) ZE1220R (Pg. 34) ZE1213A (Pg. 35)	1.25"	15.00"

HAND GREASE PUMPS



ZE540

- Variable stroke develops up to 4,000 PSI
- Delivers 0.3 oz per stroke
- 22 lb steel container with carrying handle
- · Heavy-duty cast iron pump
- 6 1/2' high pressure hose with 4-jaw coupler
- Spring loaded follower plate
- Container must be used with this pump and bulk filled
- · Recommended for grease up to NLGI No. 3



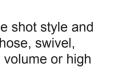
Manual grease dispensing system includes spring loaded pump, booster control handle, follower plate, and 9' hose. Simply pump the handle until it stays in the down position indicating the hose is pressurized.

After approximately 3.2 oz of grease is dispensed, the handle will rise and indicate the hose needs to be repressurized. Features a high pressure or high flow button on the control handle.

The handle is a single shot style and includes connecting hose, swivel, and a switch for high volume or high pressure.



- Foot operated
- · High pressure, portable grease pump
- Hands free fatigue free operation
- Ideal for bulk greasing applications
- Includes quick lock coupler (ZE102)
- Max pressure: 8,700 PSI
- Up to .07 oz per stroke
- Holds up to 22.05 lbs of grease



ZEGS541 (Optional Assembly for ZE541 & ZE540)

- · Easily load bulk grease into containers
- Helps to reduce the risk of contamination
- · Grease swipe cleans the scoop on both sides
- · Helps keep hands clean





- Fits 25 to 50 lb pails
- Maximum output pressure: 8,000 PSI
- Booster control handle
- Follower plate (ZE107016)
- 9' low pressure hose
- Recommended for grease up to NLGI No. 2

- Fits 25 to 50 lb pails
- Maximum output pressure: 3,500 PSI
- Delivers 1.2 oz per 28 strokes
- · 4-jaw coupler
- Follower plate (ZE107016)
- 6' high pressure hose
- · Carrying handle
- · Easily dispense to a grease system
- Recommended for grease up to NLGI No. 2



BEARING PACKERS

UP TO NO.2 NLGI

PORTABLE, BENCH TYPE, PAILS AND DRUMS

Recommended For Packing Bearings with a Maximum 6" Diameter



ZE331

- Portable bearing packer with grease gun
- Non-threaded top cone for fast placement of bearings
- Dust cover
- Extended base
- Gun holder (ZE149)



ZE333

 Grease pump and bearing packer for 25 to 50 lb pails



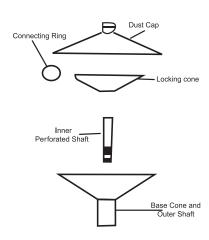
ZE343

 Grease pump and bearing packer for 120 lb drums

Model	ZE333	ZE343
Delivery	Variable Stroke, Up to 1 oz per Stroke	Variable Stroke, Up to 1 oz per Stroke
Follower Plate	ZE107012	ZE1523
Pump Construction	Zinc Plated	Zinc Plated
Head Construction	Zinc Die Cast	Zinc Die Cast
Pump Length	18"	30"
Drum Cover Diameter	12" Powder Coated	16" Powder Coated
Collar	Adjustable	Adjustable



- Bench type
- For use with hand or air operated grease gun
- Non-threaded top cone for fast placement of bearings
- Dust cover
- · Mounting base



GREASE GUN FILLER PUMPS



FOR FILLING FROM DRUMS AND PAILS

NLGI Grades

NLGI Grade	Worked Penetration After 60 Strokes at 25°C (0.1mm)	Appearance	Food Consistency Comparison
000	445-475	Fluid	Ketchup
00	400-430	Fluid	Applesauce
0	355-385	Very Soft	Brown Mustard
1	310-340	Soft	Tomato Paste
2	265-295	Moderately Soft	Peanut Butter
3	220-250	Semi-fluid	Vegetable Shortening
4	175-205	Semi-fluid	Frozen Yogurt
5	130-160	Hard	Smooth Pate
6	85-115	Very Hard	Cheddar Cheese Spread

ZE327

• Fits 120 lb drum

• Pump length: 30"

• Drum cover diameter: 16"

• Steel edge follower plate (ZE1523)



ZE328

• Fits 25 to 50 lb pails

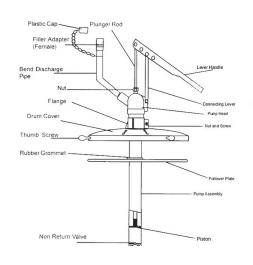
• Pump length: 18"

• Drum cover diameter: 12"

• Rubber lined follower plate (ZE107012)



Model	ZE327 & ZE328
Delivery	Variable Stroke, Up to 1 oz per Stroke
Pump Construction	Zinc Plated
Head Construction	Die-cast Aluminum
Flange Construction	Cast Aluminum
Male Loader Nipple	-
Female Loader Nipple	ZE29





19.2 VOLT CORDLESS GREASE GUN



Shipping lithium batteries requires additional documents

Do not mix batteries and chargers. Only use NiCad batteries with NiCad chargers and Lithium batteries with Lithium chargers

ZE912-19L

- Includes 1 battery (ZE91201-19L)
- Includes 1 charger (ZE91202-19L)
- 5 Cells WH 27.75
- 19.2 volt NiCad to Lithium retro fit kit (ZE912-19LK)
- Convert ALL ZEELINE by Milton™ ZE912-19 NiCad grease guns to the NEW 19.2 volt lithium grease gun
- Kit includes: 1 battery (ZE91201-19L) and 1 charger (ZE91202-19L)
- · Shoulder strap

Features

- · Lithium has 30% more power than NiCad
- · 19.2 volt cordless grease gun
- Recommended for grease up to NLGI No. 2 at minimum 50° F
- For delivery of grease in a variety of applications and hard to reach places
- · Loading options: cartridge, suction, or bulk
- Max pressure: 8,500 PSI
- · 30" whip hose with spring guard
- 1/8" NPT outlet threads
- 14 1/2 oz cartridge capacity
- · Air bleeder valve
- Shoulder strap
- · Hard plastic storage case



Compatible with:

20 VOLT LITHIUM CORDLESS GREASE GUN



Carrying case



000

LCD screen



Shoulder strap

ZE912-20

Features



- Dispenses approximately (8) 14 oz tubes per charge
- 42" whip hose with spring guard
 Large digital display:
 - Battery level indicator
 - Amount of grease indicator
 - Amount of grease dispensed displays per each activation
 - Display flashes when no grease is being dispensed
 - 180° viewing angle
- 1 watt LED work light
- High and low volume settings
- · Motor has mechanical overload protection
- · Built-in floor stand
- Lithium only

Includes

- (2) 20 volt Lithium ion batteries
- (1) AC charger
- Shoulder strap
- · Hard plastic carrying case
- MAH: 2,000
- · 2-year warranty



GREASE GUNS

AIR OPERATED GREASE GUNS





ZE911

- Single shot
- · Male quick connect fitting

Model	ZE911
Max Outlet Pressure	4,000 PSI
Delivery	1.30 oz per 40 Shots
Inlet Pressure	75 to 100 PSI
Air Inlet	1/4" NPT
Capacity	14 1/2 oz Cartridge
Extension	6" Steel (1/8" NPT)
Loading Options	Cartridge, Suction, Bulk
Construction	Aluminum Die Cast Head

ZE915 Dual Mode Air Operated Grease Gun

Patented Design

- Fully automatic free outflow and single shot / grease discharge on demand in 'ONE GUN'
- Designed for outstanding durability and dependability, this 'ONE GUN' eliminates the need to have two separate guns – continuous flow and single shot

Built Tough

- Heavy duty and durable aluminum die cast head with precision honed internal bore. Head fitted with bulk loader that doubles as an air bleeder
- Ergonomic pistol grip and acute angle design for higher balance and ease of use, especially in narrow work spaces
- Sturdy variable trigger mechanism to dispense grease
- Grease gun barrel in premium powder coated finish with clip mounted on the barrel for securing hose & coupler when not in use



Dual Mode

- Switch between fully automatic- continuous grease flow operation and on demand/single shot operation, with the slide of an easy to use button
- Complete with 30" (760 mm) flexible grease hose & coupler

Specifications		
Develops	Up to 6,000 PSI	
Delivers One Shot Mode	Up to 0.90 gm / Shot (1.30 oz / 40 Strokes	
Delivers Continuous Flow	Up to 400 gm / Min (14 oz / Min)	
Air Operating Range	40-150 PSI (30-10 BAR)	
Pressure Ratio	40:1	
Air Compressor Volume	1 CFM / 0.026 CBM	
Air Inlet Threads	1/4" (F)	

GREASE GUNS

UP TO NO.2

LIGHT AND MEDIUM-DUTY GREASE GUNS

ZELD5 - 3,000 PSI Light-Duty Mini Pistol Action Grease Gun

Features

- · Sturdy Construction: Designed for daily maintenance work
- Simple Air Bleeding: Turn the barrel half a turn and air will release
- Ergonomic Grip: Easy to use ergonomic pistol grip for maximum efficiency when squeezing
- Reach More Fittings: Includes a 9" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Perfect for Home Projects: Uses 3 oz. cartridges, perfect for light usage for lawn and garden equipment and more!

Specifications

- · Heavy-duty aluminum die cast head
- · 3,000 PSI of maximum working pressure
- · Knurled barrel for easy grip
- 1/8" NPT threads
- · Zinc plated handle



ZEMD4 - 6,000 PSI Medium-Duty Lever Action Grease Gun



Features

- · Sturdy Construction: Designed for daily maintenance work
- Simple Air Bleeding: Turn the barrel half a turn and air will release
- Easy to Handle Lever: Easy to grip and operate, helping you reach higher pressure output
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges or suction filling

Specifications

- · Heavy-duty aluminum die cast head
- 6,000 PSI of maximum working pressure
- Knurled barrel for easy grip
- 1/8" NPT threads
- Standard stroke lever

ZEMD5 - 4,000 PSI Medium-Duty Pistol Action Grease Gun



Features

- · Sturdy Construction: Designed for daily maintenance work
- · Simple Air Bleeding: Turn the barrel half a turn and air will release
- Ergonomic Grip: Easy to use ergonomic pistol grip for maximum efficiency when squeezing
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges or suction filling

Specifications

- · Heavy-duty aluminum die cast head
- · 4,000 PSI of maximum working pressure
- Knurled barrel for easy grip
- 1/8" NPT threads
- · Zinc plated handle



GREASE GUNS

PREMIUM HEAVY-DUTY GREASE GUNS

ZEHD4 – 10,000 PSI Heavy-Duty Lever Action Grease Gun

Features

- Balloon Style Plunger: Leaves virtually no grease inside the tube when using 14-ounce cartridges
- Simple Air Bleeding: Valve included to assist for priming. A simple press instead of unthreading the barrel
- Comfort Grip: Deluxe comfort grip included on handle to help reduce hand fatigue and help you reach higher pressure output
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges, suction filling, or bulk filling through the inlet



- · Heavy-duty aluminum die cast head
- 10,000 PSI of maximum working pressure
- · Knurled barrel for easy grip
- 1/8" NPT threads
- · Variable stroke lever



ZEHD5 – 6,000 PSI Heavy-Duty Pistol Action Grease Gun

Features

- Balloon Style Plunger: Leaves virtually no grease inside the tube when using 14-ounce cartridges
- Simple Air Bleeding: Valve included to assist for priming. A simple press instead of unthreading the barrel
- Ergonomic Grip: Easy to use ergonomic pistol grip for maximum efficiency when squeezing
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges, suction filling, or bulk filling through the inlet

Specifications

- · Heavy-duty aluminum die cast head
- 6,000 PSI of maximum working pressure
- · Knurled barrel for easy grip
- 1/8" NPT threads
- · Zinc plated handle



GREASE GUN ACCESSORIES

Hose Assemblies

ZE19R

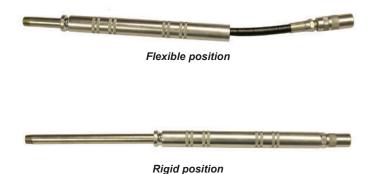
- · Premium quality whip hose for hand operated grease guns
- · Offers maximum flexibility and long lasting construction
- Rubber construction inner tubing is Polyamide with polyurethane sheathing, reinforced diagonally in high tear resistant polyester
- 1/8" NPT plated steel fittings



Hoses with a max PSI rating below 5,000 PSI are intended for manual use only.

Hoses with a max PSI rating above 5,000 PSI can be used with air operated greasing equipment.

Model	Min Qty	Description	Max PSI
ZE12	1	12" x 13/32"	4,500 PSI
ZE18	1	18" x 13/32"	4,500 PSI
ZE19R	10	24" x 13/32"	4.500 PSI
ZE24WH	1	24" x 13/32" Blister Packed	4,500 PSI
ZE36WH	1	36" x 13/32"	4,500 PSI



ZE11SP

- · Flexible and rigid extension adapter
- Maximum working pressure: 5,000 PSI
- Allows operator to switch from flexible to rigid extension with one hand
- Overall length: 13"
- 1/8" NPT (M)

GREASE GUN ACCESSORIES

GREASE TOOLS

ZE186

- Hand operated grease fitting cleaner
- For unstopping clogged grease fittings
- · Plated finish with steel body
- 4-jaw grease coupler (ZE27)
- Includes 5" flexible whip hose
- · Replaceable O-ring
- · Skin packaged
- · Grip guard







ZE660

- · Quick coupler lube kit
- · For efficient connection and replacement of hand operated grease gun tips
- · Quick connects are included with all tools
- · Attractive and durable nylon pouch

Included Connections

- Stainless steel needle: 1 1/2" long
- Lube adapter, 90° angle
- Needle nose adapter with .046 diameter tip
- Professional recessed lube adapter 3 1/4" long
- 12" hose with coupler and spring guard



- · Premium grease gun holder
- Extra secure
- · Ideal for truck or tractor mounting
- Easy one hand operation





GREASE COUPLERS

PREMIUM, STANDARD, AND HEAVY-DUTY



ZE27 ZE28

· Sold in 10 unit increments

Model	ZE27	ZE28
Max PSI	6,000 PSI	6,000 PSI
Description	Standard 4-Jaw Hydraulic Coupler with Ball Check	Standard 3-Jaw Hydraulic Coupler with Ball Check
OD	.590"	.590"

ZE28SP

• Blister packaged on a hanging card ready for display



ZE44

- 15,000 PSI
- Heavy-duty 3 jaw hydraulic coupler with ball check
- For air operated equipment
- OD: .662"



ZE48 Sold in qty of 10

• 360° swivel coupler



ZE52 Sold in gty of 6

- 7,000 PSI
- Zinc plated swivel coupler
- Locks at 45° for easy access to most grease fittings
- Also comes in blister pack

Narrow Quick Lock Coupler



Super Grip Quick Connect Coupler





Model	ZE102	ZE104SM
Max PSI	8,000 PSI	6,000 PSI
OD	.669"	.590"

GREASE COUPLERS

COUPLERS AND ADAPTERS

Recommended for use with manual grease equipment

ZE10 Sold in qty of 10

- Steel grease pipe
- 1/8" NPT (M) both ends
- Approximately 15° bend
- Also available in a skin pack (ZE10SP)



ZE31 Sold in qty of 10

- Standard button head coupler
- For 5/8" button head fittings
- 1/8" NPT (F) inlet
- Also available in a skin pack (ZE31SP)



ZE23 Sold in qty of 10

- · Seal-off adapter
- 1/8" NPT (F)
- Diameter: .394"
- Length: 1 1/2"



- Steel grease pipe
- 1/8" NPT (M)
- Approximately 5 1/2" long with 15° bend
- Also available in a skin pack (ZE55SP)



ZE24

- Coupler connector
- Quickly connect a nonstandard coupler or tool to the existing coupler on your grease gun
- 1/8" NPT (M)



ZE65 Sold in qty of 6

- Sealed bearing packer
- · Fits grease gun coupler
- Needle only is 1/16" x 1 1/2"



ZE29

- · Filler pump valve
- 1/4" NPT (F) fits on grease gun filler pumps: (ZE327) or (ZE328)
- Work in conjunction with (ZE80) loader nipple



ZE80 Sold in qty of 12

- Loader nipple
- 1/8" NPT (M) for filling from gun filler pump
- Fits most grease guns

GREASE FITTINGS

KITS, CAPS, AND FEEDERS

Assorted Grease Fitting Kit

- 80-pc grease fitting assortment
- Plastic refillable box contains 6 most popular grease fittings
- Available in standard and metric



ZE66M MM 80-	Pc Kit
Fitting Size	Qty
M6x1 Straight	20
M6x1 90°	10
M8x1 Straight	15
M8x1 90°	10
M10x1 Straight	15
M10x1 90°	10

ZE66SS Stainless 40)-Pc Kit
Fitting Size	Qty
1/4"-28 Straight	10
1/4"-28 45°	5
1/4"-28 90°	5
1/8"-27 Short Straight	10
1/8"-27 Short 45°	5
1/8"-27 Short 90°	5

Grease Feeders

 Grease feeders are used to provide single point controlled lubrication for all types of bearing housings, there by eliminating difficulties that arise from over or under greasing





Model	ZE47722	ZE47724	ZE47725
Capacity	6 oz	2 oz	6 oz
Operating Condition	Static	Dynamic	Dynamic
Diameter	3"	2.375"	3"
Height	6"	4.625"	6"
Bowl	Polycarbonate	Polycarbonate	Polycarbonate
Base	Polycarbonate	Aluminum	Aluminum

GREASE FITTINGS

STANDARD, BUTTON HEAD, METRIC FITTINGS

Button Head Fittings

Sold in qty of 10

• 1/8" NPT for

5/8" Standard



Sold in qty of 10







1/4" NPT for 5/8" Standard 1/4" NPT for 7/8" Giant

Standard Fittings







*See chart below for specific part # and quantity

Straight

45° Angle

90° Angle

Fitting			Ordering Informalist for minimum			
#	Size	Angle/Type	Blister Pack of 5	Bag of 25	Box of 100	Box of 500
ZE70	1/8" NPT	Straight	ZE70SP	ZE70G	ZE70X	ZE70K
ZE78	1/8" NPT	30°	ZE78SP	ZE78G	ZE78X	ZE78K
ZE71	1/8" NPT	45°	ZE71SP	ZE71G	ZE71X	ZE71K
ZE79	1/8" NPT	65°	ZE79SP	ZE79G	ZE79X	ZE79K
ZE72	1/8" NPT	90°	ZE72SP	ZE72G	ZE72X	ZE72K
ZE82SP	3/16"	Straight/Drive Type	ZE82SP	-	-	-
ZE62	1/4" NPT	Straight	ZE62SP	ZE62G	ZE62X	ZE62K
ZE73	1/4"-28	Straight	ZE73SP	ZE73G	ZE73X	ZE73K
ZE74	1/4"-28	45°	ZE74SP	ZE74G	ZE74X	ZE74K
ZE75	1/4"-28	90°	ZE75SP	ZE75G	ZE75X	ZE75K
ZE69	5/16"	Straight/Drive Type	ZE69SP	ZE69G	ZE69X	ZE69K

Fitting #	Qty
ZE70	2
ZE71	1
ZE72	1
ZE73	2
ZE74	1
ZE75	1
ZE78	1
ZE79	1

ZE77SP

 Grease fitting assortment in blister pack













ZE85SP

· "Drive Fit" grease fitting tool for straight fittings

Grease Fitting Tools



ZE49SP

- Taps 1/8" NPT
- Wrench fits 7/16" and 3/8" hex
- Easy out for 1/8" NPT
- ZE49 sold in qty 6



· "Drive Fit" grease fitting tool for angled fittings

HAND FUEL PUMPS



BATTERY-POWERED AND HAND DIAPHRAGM



Optional Accessories

- Pump brace (ZEL30-94N)
- Repair kit (ZEL302193)
- (1) Diaphragm (ZEL30-30N) Buna N
- (1) Seal (ZEL30-35N) Buna N
- (2) Reed valves (ZEL30-52N) Buna N

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• Pump brace allows for easier and more dependable pumping



Model	ZE30A1			
Dispenses	1-Gallon per 8 Strokes			
Container	15 to 55-Gallon Drum			
Bung Adapter	2" NPT (ZEL30-79N)			
Suction Tube	22" to 39" Telescoping (ZEL30-99N)			
Hose	8' (ZEL30-95N)			
Lockable Handle	Yes			
Discharge Nozzle	Yes (ZEL30-90N)			

HAND FUEL PUMPS 3-VANE CAST IRON ROTARY PUMPS





ZE1006HFM

- FM approved
- Includes 8' hose

Model ZE1006HFM	
Dispenses	1-Gal per 13 Revolutions
Container	15 to 55-Gallon Drums
Construction	Cast Iron
Vanes & Seals	Cast Iron/Graphite
Bung Adapter	2" NPT
Suction Tube	Telescoping
Bi-directional	Yes
Hose	8' (ZEL30-95N)
Spout	3/4" NPT
Discharge Nozzle	Non-Sparking w/ Holder







HAND FUEL PUMPS



Two Vane Cast Iron Rotary Pumps







ZE961/ZE963

Retail Packaging for All Models

Model	ZE960	ZE961	ZE962	ZE963
Dispenses	1-Gal per 13 Revolutions			
Container	15 to 55-Gal Drums			
Construction	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Vanes & Seals	Cast Iron/NBR	Cast Iron/NBR	Cast Iron/NBR	Cast Iron/NBR
Bung Adapter	2" NPT	2" NPT	2" NPT	2" NPT
Suction Tube	3 Pc. Rigid	3 Pc. Rigid	Telescoping	Telescoping
Bi-directional	Yes	Yes	Yes	Yes
Hose	No	8' (ZEL30-95N)	No	8' (ZEL30-95N)
Water Deflector	ZEWD950	ZEWD950	ZEWD950	ZEWD950
Spout	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)
Fluid Inlet	1 1/4" BSPT	1 1/4" BSPT	1 1/4" BSPT	1 1/4" BSPT
Discharge Nozzle	No	Manual (ZEL30-90N)	No	Manual (ZEL30-90N)
Nozzle Holster	No	Holster (ZE53)	No	Holster (ZE53)

Non-Drip Attachment for Hand Pumps



ZE075NDT

- Non-drip tip designed to fit a broad range of hand pumps
- 3/4" NPT (F) fitting
- Made from PVC and vinyl
- Can be used without the 3/4" hose barb fitting



HAND FUEL PUMPS



Two Vane Cast Iron Rotary Pumps



Model	ZE1002	ZE1003
Dispenses	1-Gal per 13 Revolutions	1-Gal per 13 Revolutions
Container	15 to 55-Gal Drums	15 to 55-Gal Drums
Construction	Cast Iron	Cast Iron
Vanes & Seals	Cast Iron/NBR	Cast Iron/NBR
Bung Adapter	2" NPT	2" NPT
Suction Tube	3 Pc. Rigid Steel w/ Screen	3 Pc. Rigid Steel w/ Screen
Bi-directional	Yes	Yes
Hose	No	8' (ZEL30-95N)
Water Deflector	ZEWD950	ZEWD950
Spout	3/4" NPT (M)	3/4" NPT (M)
Fluid Inlet	1" BSPT	1" BSPT
Discharge Nozzle	No	Manual (ZEL30-90N)
Nozzle Holster	No	Holster (ZE53)



Optional Accessory:

ZE169

• Non sparking drum wrench

FUEL ACCESSORIES



FUEL FILTERS

Recommended for Regular Grades of Gasoline, Diesel Fuel, and 10% Ethanol

Fuel filters are for removing microscopic particles (up to 10 microns) of dirt, rust, sand, and scale from gravity feed tanks, hand pumps, and electric pumps

IMPORTANT: These filters are not recommended for water based products, aviation fuels, race fuels or gasoline containing more than 10% ethanol

ZENS-10

- Element has 366 square inches of filter surface for efficient filtration and optimum life
- Translucent bowl to monitor fuel quality
- 5 GPM gravity flow with 24" head
- Not for use with aviation gas



ZE20

- Replacement element
- · Comes with both gaskets
- · Compatible with same sized filter heads



(ZENS-10)

Model	Description	Thread
ZENS-10	Fuel Filter	1" NPT
ZENS-10-BSP	Fuel Filter with BPT Threads	1" BPT
ZENS-10W	Removes Water Fuel Filter	1" NPT
ZE20	Replacement Element	-
ZE20WB	Removes Water Element	-
ZEBOWL	Replacement Bowl for Fuel Filters	-



ZENS-30

- 10 micron filter assembly with aluminum head
- 20 GPM max flow rate
- Max working pressure: 50 PSI
- Cartridge uses a 1.5-16 UNF thread
- Has three 5/16-18 BSW threads in the top of head for mounting
- · Not for use with aviation gas

Model	Description	Threads
ZENS-30	Fuel Filter Assembly	1" NPT
ZENS-30AR	Filter Head Only	1" NPT
ZENS-40	Filter Element	-
ZENS-40WB	Removes Water Element	-

ZENS-30AR



ZENS-40



FUEL ACCESSORIES



Nozzles and Swivels

Bio-Diesel/E85 Hand Pump

ZE202

- Rugged steel construction
- Delivers approximately 1-gal per 9 strokes
- · Yellow powder coated finish
- PTFE seals
- FKM O-ring
- · Garden hose type threads on spout
- Telescoping suction tube



Hand Operated Transfer Pump

ZE103

- · Carbon steel construction
- Double check valve
- FKM O-ring
- 2 pieces (4' each) clear vinyl hose
- 2 1/4" x 11" barrel size



water based

Automatic Shutoff Fuel Nozzles with Locking Triggers





Model	Inlet	Outlet	Model	Inlet
ZE1541	3/4"	13/16"	ZE1543	1"
ZE1542	3/4"	15/16"	ZE15441	1"

Automatic nozzles won't work with gravity feed systems

Manual Shutoff Fuel Nozzles with Locking Triggers



Straight Spout

2	

Curved Spout

Model	Inlet	Outlet	
ZE1537	1"	1"	
ZE1538	3/4"	3/4"	
ZE1539	1"	3/4"	

Model	Inlet	Outlet
ZE1537C	1"	1"
ZE1538C	3/4"	3/4"
ZE1539C	1"	3/4"

Fuel Nozzle Accessories

Dual Plane Swivel

Outlet 15/16" True 1"

Model	Inlet	Outlet	
ZE75000	3/4"	3/4"	
ZE75100	1"	1"	



BATTERY OPERATED PUMPS



19.2V RECHARGEABLE DRUM PUMPS





Improved motor seals

Pump is NOT recommended for gasoline or oil

ZE7019L & ZE7019AC

- Flow rate: 7 GPM (pumps 106-gal per charge @ a max of 5.3 PSI)
- Uses the same battery and charger as the ZE912-19L found on Pg. 42
- Portable; with the option of using AC power through a separate conversion kit (ZE7019ACK)
- Compatible with DEF and many other water based chemicals such as detergents, antifreeze, chemical insecticides, and soaps
- Also compatible with petroleum products such as diesel and kerosene
- Includes S.S. screened telescoping suction tube that extends from a minimum of 33.5" to 40"
- Includes 2" NPT bung adapter and a 2" buttress adapter for plastic drums
- Includes a 79" long corrugated P.E. hose and a polypropylene nozzle with a 3/4" S.S. spout
- Nozzle holster built into the pump body
- Lithium battery: 27.5 Wh with 5 cells per battery
- Has a 15 minute duty cycle

Model	ZE7019L	ZE7019AC
Battery Type	Lithium Battery	AC Power Cord
# of Batteries Included (Both Include 1 Charger)	1	-
Replacement Battery	ZE91201-19L	-
Replacement Charger	ZE91202-19L	-



Included Accessories:



Optional Accessories:

ZE7020

• Bulk hose sold by the foot



ZE7019ACK

• 110V AC conversion kit





DEF PUMPING SYSTEMS 115V AC / 12V DC OPERATED TOTE SYSTEMS

ZE9115-IBC1

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- Digital LCD meter measures amount of fluid dispensed
- 17.5-foot delivery hose
- Stainless steel nozzle w/ auto shut-off







ZE9115-IBC2

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- 17.5-foot delivery hose
- Manual nozzle







DEF PUMPING SYSTEMS 115V AC / 12V DC OPERATED BARREL SYSTEMS



ZE9115-551

- 115V AC- 3.5 Amps power
- · Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- Digital LCD meter measures amount of fluid dispensed
- 17.5 foot delivery hose
- Stainless steel nozzle w/ auto shut-off





ZE9115-552

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- 17.5-foot delivery hose
- Manual nozzle





DEF PUMPING SYSTEMS AIR AND 115V AC / 12V DC OPERATED SYSTEMS



ZE9112 (12V DC) **ZE9115** (115V AC)

- 9 GPM (.45 HP motor)
- 3/4" hose barb inlet/outlet (w/ 3/4" BSP threads)
- Diaphragm pump

Max Amperage:

- 115V AC (ZE9115) 3.5 Amps
- 12V DC (ZE9112) 10 Amps



ZE3713

Stainless Steel Micro-Matic™ coupler with 3/4" barbed outlet



ZE5702

- Composite Micro-Matic[™] coupler with 3/4" barbed outlet
- · For totes only



Air Operated Pump

ZE9008

- Polypropylene construction
- · Designed to fit a 55-gallon drum
- Flow rate up to 8 GPM (2 GPM with 30 wt oil)
- Working pressure: 30-90 PSI
- Overall pump length: 51.18"
- Includes 6' vinyl hose
- Includes plastic manual nozzle with FKM seals (ZEDEF-15)

Recommended For:

- Oil (maximum 30 wt)
- DEF
- · Water-based chemicals and fluids



- 4 wheel trolley for carrying 16 to 55-gallon drums with a hose reel
- See Pg. 74 for more details



DEF PUMPING SYSTEMS DIGITAL AND MANUAL NOZZLES

ZEDEF-907

- · Auto shut-off nozzle for DEF systems
- · Constructed with FKM seals
- Can dispense between 1.3 to 10.5 GPM
- · Built-in digital meter displays flow rate and gallons dispensed
- · Locking trigger
- · Stainless steel spout
- ¾" OD nozzle
- ¾" hose barb









ZEDEF-906

- · Automatic shutoff
- · Not for gravity fed systems
- Stainless steel spout
- FKM seals
- 3/4" O.D. spout
- 3/4" NPT (F)



ZEDEF-905

- Automatic shutoff
- Not for gravity fed systems
- Locking trigger
- Polypropylene body
- · Stainless steel nozzle
- 3/4" SS hose barb
- 2.6 13 GPM flow rate
- · Light weight: 1 lb
- 5 times lighter than all SS version
- · Costs 58% less than all SS version
- Individually boxed

ZEDEF-15

- Manual shutoff
- · Stainless steel spout
- FKM seals
- 3/4" O.D. spout
- 3/4" hose barb





ZEDEF-107233

• 3/4" hose barb x 3/4" NPT SS swivel







ZE10211

• Polypropylene construction



ZE365

• Nylon construction



ZE387

Stainless steel construction



ZE10193

Stainless steel construction

Pumps must be flushed with deionized water or DEF, if not used daily!



ZE375

• Polypropylene construction



ZE373

Includes 6' hose



Shut Off Valve

ZE373HK

Kit comes with:

- 8' premium vinyl hose
- Shut off valve
- Buttress thread adapter



· Stainless steel construction

Model	Container	Output	Seals
ZE365	15 to 55-Gallon	1-Gal per 8 Lifts	PTFE
ZE387	15 to 55-Gallon	1-Gal per 8 Lifts	PTFE
ZE373	15 to 55-Gallon	1 Pint per Stroke	Acetal
ZE375	15 to 55-Gallon	1-Gal per 10 Strokes	FKM
ZE10193	15 to 55-Gallon	1-Gal per 13 Strokes	PTFE
ZE10211	15 to 55-Gallon	1-Gal per 16 Revolutions	FKM
ZE11219	15 to 55-Gallon	1-Gal per 24 Revolutions	PTFE

2.5" x 5 Buttress Threads

One opening is slightly angled and one is straight to maximize footprint on cap to connect Fill and Dispense couplers.

ZE5792

• 6" Composite two hole IBC center cap (optimized for filling and dispensing)



- Buttress thread adapter
- Nylon
- Converts 2" NPT to 2" buttress threads

SPECIALTY PUMPS



Multi-Purpose, Cordless, Portable



ZE7000

- Operates on (2) "D" size alkaline batteries
- Pumps approximately 250-gallons before requiring new batteries
- Flow rate up to 2.6 GPM @ 2.5 PSI
- Includes 39.4" long hose
- Suction tube length: 15.2"
- NBR seals

Recommended For:

- Gasoline
- Kerosene
- Diesel
- Light oils



ZE7000 Approximately 250-gal per battery pack ZE7002 Approximately 100-gal per battery pack

ZE7002

- · Hand held pump with auto stop
- Max delivery: 2.4 GPM
- Uses two AA batteries (not included)
- Low cost fuel dispenser with auto shut-off
- · No more over filling. Pump shuts off when liquid reaches the sensor in the nozzle

Similar to (ZE7000) but (ZE7002) has auto stop

Discharge Spout with Auto Shut-Off













24" Hose









AIR OPERATED PUMPS



MULTI-PURPOSE TRANSFER PUMPS



Ideal for Car Wash Systems

Pump is small enough to fit in your hand. Intended for light duty applications only

ZE1025

- Light duty double diaphragm; air ratio 1:1
- · For transferring fluids at low pressure
- 1/4" NPT air inlet
- 3/8" NPT fluid inlet/outlet
- Up to 6 GPM
- 6.5 CFM @ 100 PSI
- Polypropylene construction with santoprene seats and diaphragms, kynar check valves, and hastelloy springs
- Non-stalling, lube free

Pump is not suitable for oil products and not recommended for use with hose reels or hoses longer than 10'

Recommended Accessories

- Air line filter with nighttime drain, regulator, gauge, ball valve, and quick disconnects (ZE1559A-ASSY)
- Wall mount bracket (ZE96)

High Flow Gear Driven Rotary Style

Important: Not intended for gasoline or benzyl



ZE1009

- Gear driven for fast and easy transfer of light oils, diesel, alcohol, antifreeze, and windshield washer fluids
- Dispenses 1-gal per 4 revolutions (can empty a 55-gallon drum in approximately 2 minutes; 25 GPM)
- Includes a 54" polypropylene hose (ZE1009H)
- Aluminum alloy construction with steel vanes and NBR seals
- 3 piece steel suction tube designed to fit 15 to 55-gallon drums
- 1 1/4" x 16 straight threaded spout
- Includes a 2" NPT bung adapter
- Retail box (2)



ZE10250

- Same as (ZE1009)
 but features PPS
 construction, PTFE
 packing, and a FKM seal
 for upgraded chemical
 resistance
- Includes a 3 piece stainless steel pickup tube designed to fit 15 to 55-gallon drums
- Optional hose (ZE1009H)
- · Spout is not threaded



ZE1009H

54" polypropylene hose











STAINLESS STEEL & HIGH FLOW

Premium Stainless Steel Chemical Pumps



ZE386/ZE387

- Stainless steel construction (316 alloy)
- Dispenses approximately 1-gal per 8 lifts
- Fits 15 to 55-gallon drum
- PTFE packing and seals
- Polypropylene bung adapter

Model	GAL	Delivers	
ZE386	5	10 oz per Lift	
ZE387	15 - 55	20 oz per Lift	









- Stainless steel construction
- Dispenses approximately 1-gal per 24 revolutions
- 3-piece stainless steel pickup tube designed to fit 15, 30, and 55-gallon containers
- Stainless steel spring
- PTFE vanes and shaft seal
- Stainless steel bung adapter
- Water deflector (ZEWD950)
- 3/4" hose barb outlet
- Aluminum handle
- Brown Box (4)









Two & Three Vane Rotary Style

Two Vane Rotary







Features for All Two Vane **Rotary Pumps:**

- Dispenses 1-gal per 16 revolutions
- Lightweight and corrosion resistant
- Spout- 1" hose barb
- Outlet: 3/4" BSP
- Inlet: 1" BSP
- 1 1/4" O.D. pickup tube



Optional Accessory

• 46" Polyethylene ribbed hose (ZE10213)

Model	Construction	Vanes	Seals	Gaskets	Recommended For (See Pg. 82 for our Chemical Resistance Chart)
ZE1014	Polypropylene	PPS	PTFE	Polyethylene	Petroleum Products, Water-Based Chemicals, and Chlorinated Solvents
ZE1014R	PPS	PPS	FKM	PTFE	Aggressive Chemicals, Chlorinated Solvents, Aromatic and Aliphatic Hydrocarbons
ZE10211	Polypropylene	PPS	FKM	Polyethylene	Def, Petroleum Products, Water-Based Chemicals, and Chlorinated Solvents
ZE10240	HDPE	PTFE	FKM	Polyethylene	Bleach, Chlorine, and Other Chemicals Compatible with HDPE
ZE10255	Polypropylene	PTFE	PTFE	Polyethylene	Alcohols, Petroleum Products, Water-Based Chemicals, and Chlorinated Solvents
ZE10256	PPS	PTFE	PTFE	PTFE	Alcohols, Chlorinated Solvents, Aromatic and Aliphatic Hydrocarbons

ZE10240

Three Vane Rotary



ZE10231

- Dispenses 1-gal per 10 revolutions
- Body & pick-up tubes PPS construction
- Lightweight and corrosion resistant
- Spout- 1" hose barb
- PTFE vanes
- PTFE seals
- Recommended for pumping aggressive chemicals including chlorinated solvents, aromatic and aliphatic hydrocarbons, etc.
- Stainless steel rotary shaft

Three vane rotary pumps provide smoother operation and a higher flow rate compared to standard two vane rotary pumps

Rugged Design

Disassembled Pump



ZE151 Buttress Thread Adapter on Pg. 76









LEVER & PISTOL GRIP STYLE

Lever Style







ZE376/ZE377

Model	Construction	Seal	Rod	Color	Recommended For (See Pg. 82 for our Chemical Resistance Chart)
ZE374	Polypropylene	FKM & Polypropylene	Plated Steel	Blue	Lubricants, Alcohol, and Fuel Oils
ZE375	Polypropylene	FKM & Polypropylene	Stainless Steel	Yellow	Water-Based Fluids, Acid, Alkali Solutions
ZE376	PPS	FKM & Polypropylene	Stainless Steel	Black	Stronger Acids, Alkali, 20% Nitric Acid
ZE377	PPS	FKM & PTFE	Stainless Steel	Black	Stronger Acids, Alkali, Hexane, 20% Nitric Acid, Toluene, Toluol, Trichlorethane

ZE151 Buttress Thread Adapter on Pg. 76

Features for All Lever Style Pumps:

- Dispenses a maximum of 12 oz per stroke
- Lightweight and corrosion resistant
- 1" O.D. telescoping suction tube designed to fit 15 to 55-gallon drums
- Bung adapter will fit 1 1/4" and 2" drum openings

- Lever lock
- Fits most lever style drum pumps
- Fits up to 1/2" locks









HAND PUMPS LIFT & SIPHON STYLE

Lift Style



ZE360, ZE363 & ZE365

- Dispenses approximately 1-gal per 8 lifts
- Designed to fit 15 to 55-gallon containers

Model	Bung Adapter	Construction	Seal	Rod
ZE 360	Yes	Polypropylene	FKM	Nickel Plated Steel
ZE363	Yes	Nylon	FKM	Nickel Plated Steel
ZE365	Yes	Nylon	PTFE	Stainless Steel

(ZE365) works well with hand sanitizers

ZE10044

· Dispenses approximately 1-gal per 16 lifts

ZE10050

Dispenses approximately 1-gal per 8 lifts

Features for (ZE10044) & (ZE10050):

- Designed to fit 15 to 55-gallon containers
- Includes 5-gallon pail adapter

Recommended For:

- Water-based fluids
- Light oils
- Mild acids
- Soaps
- Detergents
- Waxes
- Deodorants
- Etc.

Siphon Style

ZE10044

ZE369AR

- Siphons 7-gal per
- Designed to fit: 15 to 55-gallon containers

ZE151 Buttress Thread

Adapter on Pg. 76

ZE10050

- 1" inlet/outlet
- Spare discharge hose available (ZE10112)
- Individually boxed

Construction:

- Body-polyethylene
- Suction tubepolypropylene

ZE10020

- Siphons 5-gal per minute
- Designed to fit: 15 to 55-gallon containers
- Spare discharge hose available (ZE10113)

Construction:

- Body- polyethylene
- Suction tubepolypropylene

Must be ordered in multiples of 24

ZE10010

- Siphons 2-gal per minute
- Designed to fit: 1, 2 1/2, & 5-gallon containers

Construction:

- Bodvpolyethylene
- Suction tubepolypropylene

Must be ordered in multiples of 24



Siphon pumps are ideal for transferring or dispensing harsh chemicals. Their complete polypropylene/polyethylene construction makes them compatible with a wide range of industrial fluids. Please consult our Chemical Resistance Chart on pg. 82 for specific compatibility concerns

SPECIALTY PUMPS

TIRE SEALANT CHEMICALS

SIPHON STYLE PUMPS

ZE10010BC

- For use with: Brake Cleaner, Nitric, Hydrochloric, Sulfuric or Acetic acid (35%), gasoline, kerosene, diesel, water, windshield washer fluid, thinner, Toluene, chemical insecticides, & agricultural chemicals
- Squeeze-bulb design starts suction, pressure valve releases suction
- Made of non-corrosive, non-toxic plastic material
- Siphon rate: 2-gallons per minute
- Designed to fit 1, 2-1/2, or 5-gallon containers
- 1/2" inlet/outlet



ZE369BC

- For use with: Brake Cleaner, Nitric, Hydrochloric, Sulfuric or Acetic acid (35%), gasoline, kerosene, diesel, water, windshield washer fluid, thinner, Toluene, chemical insecticides, & agricultural chemicals
- Hand pump starts suction, pressure valve releases suction
- Made of non-corrosive, non-toxic plastic material
- Siphon rate: 5.5 gallons per minute
- Designed to fit 15 to 55-gallon containers
- 1" inlet/outlet



ZE1000

Multi-Purpose Chemical Sprayer

- Fluid capacity: 36 oz.
- Adjustable nozzle: twist nozzle tip to adjust the spray stream
- Molded comfort handle makes holding sprayer comfortable and efficient
- Locking contoured trigger allows for more comfort and control with prolonged use
- Pressure relief valve built into the tank allows for the relief of built-up pressure before refilling container



ZE240

Hand Operated Tire Sealant Pump

- Pumps tire sealant directly into tubeless tires
- Dispenses approximately 1-gal per 16 lift strokes
- Adjustable collar allows the user to control the amount of sealant dispensed per stroke by changing the stroke length
- Designed to fit 5 to 6 1/2-gallon pails
- · Powder coated cover
- Return valve (ZE240-115)
- 5' vinyl hose (ZE240-122)
- Quick connect valve stem coupler (ZE240-127)



Air Operated - for Oil, Chemicals, & DEF

ZE9008

- Polypropylene construction
- Designed to fit a 55-gallon drum
- Flow rate up to 8 GPM (2 GPM with 30 wt oil)
- Working pressure: 30-90 PSI
- Overall pump length: 51.18"
- Includes 6' vinyl hose
- Includes plastic manual nozzle with FKM seals (ZEDEF-15)

Recommended For:

- Oil (maximum 30 wt)
- **DEF**
- Water-based chemicals and fluids



Hand Operated - for Petroleum Products











- An economical cast iron pump with steel internals for use with: kerosene, diesel fuel, low viscosity oil, etc. (Not for use with water)
- Includes 3 piece suction tube and strainer
- Dispenses approximately 1-gal per 13 revolutions
- For 15, 30, and 55-gallon drums
- An easily operated pump with die-cast zinc alloy body, ideal for high viscosity liquids such as paraffin, gear oil, etc.
- Suction tube telescopes to fit various containers
- Includes curved spout and high angle spout
- Dispenses approx.1-gal per 4 strokes
- For 15 to 55-gallon containers

- A Chrome-plated pump for nonwater based and non-corrosive liquids, including lightweight lubricants, antifreeze, fuel oils, etc.
- Suction tube telescopes
- Threaded for 2" or 1½" NPT bung
- Removable spout threaded for 3/4" garden hose fitting
- Dispenses approx. 1-gal per 10 strokes
- For 15 to 55-gallon containers

Hand Operated - for Mild Chemicals



- A zinc-plated pail pump with steel and polyethylene parts for waxes, detergents and other non-corrosive liquids
- Locking strap holds pump in place to adapt to a variety of pail openings
- Dispenses approx.1-gallon per 32 lift strokes
- For 5 & 6-gallon pails



- A fast-flow zinc-plated pump for soaps, waxes and other noncorrosives
- Removable spout threaded for 3/4 " garden hose fitting
- Dispenses approximately 1-gal per 8 lifts
- For 15 to 55-gallon containers



ZE10080

- An economical zincplated steel pump with polyethylene internal parts for mild soaps, waxes, thinners, etc.
- Dispenses approx. 1-gal per 16 lifts
- For 15 to 55-gallon containers

TANK ACCESSORIES













POLYPROPYLENE TANK GAUGE

Available Models:

ZETG60

 Polypropylene Tank Gauge with a maximum length of 60"

ZETG72

 Polypropylene Tank Gauge with a maximum length of 72"

• The Polypropylene Tank Gauge is ideal for measuring the remaining fluid in a tank without having to take off the bung cap and guess the depth of the fluid

• 1.5" & 2" NPT threads

Recommended For: Gasoline

- Diesel
- Alcohol
- Ether
- DEF
- · And most other chemicals





Prevents quick coupler from making a connection while locked

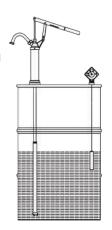
ZELO100

- · Lock out for air supply units
- Works with 3/8" air coupler fittings
- Hole for lock is 7/16"
- Made from Aluminum
- · Packaged in a bag
- · 4' grease hose
- 4' air supply hose



Drum Level Indicator ZEDG-55

- 3/4" drum level gauge
- · Conveniently check the remaining fluid level of a 55-gallon drum
- Constructed from Polyethylene and ABS plastic
- · Can display in Liters or Gallons



Fits the smaller 3/4" hole on drums, leaving the 2" hole free for installing pumps



MANUAL PUMP HOSE ASSEMBLIES

Portable Closed Reel for Air & Water

ZE1459NS

• 3/8" x 50' Reel with advanced auto-stop

· No ratcheting sound

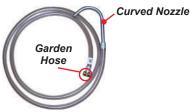
• Working pressure: 300 PSI

Inlet/Outlet: 3/8"Hose I.D.: 3/8"Hose length: 50'

· Hose material: hybrid polymer











ZE	L30)-9	5N
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Model	Material Type	I.D.	Length	Compatible With	Inlet	Outlet
ZE2134	Clear Vinyl	5/8"	4'	ZE360, ZE363, ZE365	Coupling Nut	Plastic Nozzle
ZE2136	Clear Vinyl	5/8"	6"	ZE360, ZE363, ZE365	Coupling Nut	Plastic Nozzle
ZEL30-95N	Black Rubber	3/4"	8'	ZE30A1	3/4" NPT (M)	3/4" NPT (M)
ZE2178	Black Rubber	3/4"	8'	ZE960, ZE962, ZE1007	3/4" NPT (F)	Aluminum Nozzle

DEF Hose

ZEDEF-V750

(sold by the foot)

Model	I.D.	Inlet	Outlet	Material
ZE08DEF750	3/4"	Open	Open	Black Rubber
ZEDEF-V750	3/4"	Open	Open	Clear Vinyl

Warning: All DEF pumps, nozzles, and hoses should be flushed with DEF or de-ionized water after assembling. All DEF hoses meet ISO 22241 and NFPA 70 standards.



DRUM EQUIPMENT

OIL GREASE FUEL CHEMICALS

Dollies, Trolleys and Carts

ZE147

- Adjustable trolley for carrying 16-gallon/120 lb drums
- Ideal for creating portable grease or oil dispensing systems (pictured to the right)
- Drum top hook
- · Hose hook
- · Meter hook
- · Self lubricating plastic and rubber wheels



ZE150

- 3 wheel drum cart for 55-gallon/ 400 lb drums
- Only 1 3/8" clearance from the ground allows for easy loading of drums and easier handling





Drum, meter, and pump are not included

- 4 wheel trolley for carrying 16 to 55-gallon drums with a hose reel tray
- Tough and durable powder coat finish with non-marking wheels and casters
- Total weight capacity: 539 lbs
- Drum shelf: 485 lbs
- Reel shelf: 55 lbs
- Ideal for creating portable dispensing systems when combined with a pump, hose reel, and oil control handle or meter

Description	ZE148
Up to 55 Gallons	Υ
Locking Caster(s)	1
Removable Handle	-
Tilt Drum with Handle	-
Handle with Drum Wrench	-
Drum Clamp	Υ
Wheel Size	8"
Caster Size	6"
Reel Mounting Holes	Υ
Tray Size	25 5/8" x 24"
Deck Height	4 1/4"





DOLLIES AND **C**RADLES



ZE105



ZE120



ZE130-S



ZE138-S



ZE140-S



ZE140-SOR

Model	Caster Material	Caster Material Diameter (Min - Max)				
Designed for 5-6 1/2 Gallor	Designed for 5-6 1/2 Gallon Pails					
ZE105	Phenolic	10" - 11 5/8"	200 lbs			
ZE105-S	Steel	10" - 11 5/8"	200 lbs			
Designed for 15-16 Gallon Drums						
ZE120	Phenolic	13 1/2" - 14 1/4"	200 lbs			
ZE120-S	Steel	13 1/2" - 14 1/4"	200 lbs			
Designed for 30 Gallon Dru	Designed for 30 Gallon Drums					
ZE130-S	Steel	Max - 18"	300 lbs			
Designed for 55 Gallon Drums						
ZE138-S	Phenolic	Max - 23"	450 lbs			
ZE140-S	Steel	Max - 23"	450 lbs			
ZE140-SOR	Steel	Max - 23"	450 lbs			



ZE135

 Drum cradle with axle and wheels

ZE137

 Drum cradle without axle and wheels



ZE135WC

 Drum cradle with axle, wheels, and casters

Model	ZE135	ZE135WC	ZE137
Tips & Rotates	Yes	Yes	Yes
Drum Type	55-Gallon Metal Drum	55-Gallon Metal Drum	55-Gallon Metal Drum
Self Storing Lever Bar	Yes	Yes	Yes
Capacity	600 lbs	600 lbs	600 lbs
Axle & Wheels Yes		Yes	No
Casters	No	Yes	No





DRUM TOOLS AND ACCESSORIES

ZE167

- Universal spoke drum wrench
- · Rugged, all steel construction
- Powder coated to protect against rust
- Tipped with the 4 most common drum wrench heads
- Can open 3/4" to 2" openings
- Convenient 12" x 12" x 1/2" size



ZE169

• Aluminum drum wrench

Non-sparking

• Opens 3/4" slotted bung

• Opens 2" cross bar bung



ZE10265

• Bronze alloy drum wrench



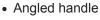
ZE10266

- Bronze alloy drum wrench
- Non-sparking
- Built-in 1 1/4" faucet wrench



ZE10267

- Iron alloy universal drum wrench
- Fits all drum plugs and bung nuts
- Will not bend or chip under normal use





ZE830

- · Brass horizontal drum vent
- 2" NPT



- · Buttress thread adapter
- Nylon construction
- · Converts 2" buttress thread to 2" NPT
- Required to mount pumps to most plastic drums





GATE VALVES, BARREL FAUCETS & ACCESSORIES

3/4" Bung Faucets









ZE81 ZE82SS

ZE63

1" Bung Faucet



ZE57

2" Bung Faucets







ZE64

ZE67

ZE89

Model	Construction Manual/Automatic		Lockable		
Designed to Fit 3/4" NPT Bung Openings					
ZE63	Cast Iron	Manual	Non-Lockable		
ZE68	Polyethylene	Manual	Lockable		
ZE81	Die-Cast Metal	Die-Cast Metal Automatic (self closing)			
ZE82SS	304 Stainless Steel	Automatic (self closing)	Lockable (w/customer lock)		
Designed to Fit 1" NPT Bung	Designed to Fit 1" NPT Bung Openings				
ZE57	Cast Iron	Manual	Non-Lockable		
Designed to Fit 2" Bung Openings					
ZE 64	Cast Iron	Manual	Non-Lockable		
ZE67	Polyethylene	Manual	Lockable		
ZE89	Aluminum	Automatic (self closing)	Non-Lockable		

ZE5001

- Vented fill cap
- Lockable
- 2" NPT



ZE67SG

- Level indicator that attaches to (ZE67) bung faucet
- Works great for 55-gal drum on a cradle so you always know how much fluid is in your drum

ZEELINE by Milton™ Drum Equipment features a 2-year limited warranty.

Quality products backed by premium customer service.



AIR SENTRY BREATHERS



GATE VALVES, BARREL FAUCETS & ACCESSORIES

Air Sentry® Breathers are a unique, patented air filter and vapor removal system. They replace the standard breather or vent cap on all types of industrial equipment, storage tanks, and transformers. They prevent destructive contaminants from entering fluid reservoirs and tanks as air is breathed in and out due to thermal expansion or fluid level changes. Fluid contamination is one of the primary causes of component wear and lubricant failure in industrial equipment. Models are available to meet the requirements of most industrial applications

Air Sentry Contamination Control Breathers:

- Ideal solution for fluid contamination problems
- · Blocks corrosive water vapor
- Filters damaging particles
- · Reduces other contaminates
- Protects expensive equipment
- Disposable replace when desiccant color changes from gold to green



D-Series Breathers					
Model	Height	Diameter	Mounting Connection	Max. Adsorption Capacity	
ZED-100	3 1/2"	5"	1" slip fit	Not Available	
ZED-101	5"	5"	1" slip fit	8.6 fl oz	
ZED-154	5"	5"	1" NPT (M)	8.6 fl oz	
ZED-102	8"	5"	1" slip fit	16.56 fl oz	
ZED-108	10"	5"	2" NPT (M)	21.47 fl oz	

D-Series Breathers					
Model	Height	Diameter	Mounting Connection	Max. Adsorption Capacity	
ZED-100	3 1/2"	5"	1" slip fit	Not Available	
ZED-101	5"	5"	1" slip fit	8.6 fl oz	
ZED-154	5"	5"	1" NPT (M)	8.6 fl oz	
ZED-102	8"	5"	1" slip fit	16.56 fl oz	
ZED-108	10"	5"	2" NPT (M)	21.47 fl oz	

D-Series Air Sentry Breathers:

The D-Series breathers feature numerous models in a variety of sizes, designed to satisfy the requirements of most stationary fluid management applications. The breathers provide application flexibility by using 100% silica gel for moisture adsorption or 100% activated carbon for fume and odor control, or both when necessary. All D-Series models feature 2-micron solid particle filtration and have a max airflow rating of 20 CFM. They also have a max reservoir fluid flow rate of 150 GPM.

The D-Series is constructed of industrial grade raw materials, tested to ensure a wide range of chemical compatibilities, and features high impact resistant ABS top and bottom caps.

Typical Applications: Storage tanks, fluid reservoirs, transformers, pumps, and gearboxes.

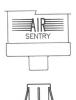
Z-Series Air Sentry Breathers:

Air Sentry® Z-Series breathers are designed for applications where space is limited or air flow requirements are below 5 CFM. The Z-Series is typically used on gearboxes and low fluid volume applications where mounting space is limited or where a larger breather won't fit without remote mounting. All Z-series breathers have a max airflow rating of 5 CFM. They also have a max reservoir fluid flow rate of 37 GPM.

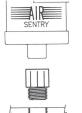
Typical Applications: Gearboxes, drums, totes, and small oil containers.

	Z-Series Breathers					
Model	Height	Diameter	Mounting Connection	Max. Adsorption Capacity		
ZEZ-131	2"	2"	1/2" NPT (F)	0.49 fl oz		
ZEZ-133	2"	3 1/4"	1/2" NPT (F)	1.84 fl oz		
ZEZ-134	3 1/4"	3 1/4"	1/2" NPT (F)	3.06 fl oz		

ZEA-102 Threaded 1" slip fit 1" NPT (M) Bayonet Push & Turn							
ZEA-102 Threaded 1" slip fit 1" NPT (M) Bayonet Push & Turn	Air Sentry Breather Adapters						
Rayonet Push & Turn	Model	Туре		Reservoir Connection			
Bayonet Push & Turn	ZEA-102	Threaded	1" slip fit	1" NPT (M)			
ZEA-104 Bayonet 1" slip fit Connection	ZEA-104	Bayonet	1" slip fit	Bayonet Push & Turn Connection			

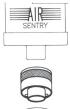






Threaded Adapter Model A-102 (1" MNPT)

Model A-103 (3/4" MNPT)



Flange Adapter:

Used with reservoirs where the tank wall is not thick enough for tapping threads.

Threaded Adapter:

Used with reservoirs where the tank wall is thick enough for a tapped hole.

Bayonet Adapter:

Replaces the standard breather cap on a hydraulic reservoir.





DRUM FUNNELS (with 2" NPT (M) threaded spout)



ZE769

- Polyethylene construction
- · Deep 3 quart capacity



- Heavy-duty plastic construction with hinged cover
- · 4 quart capacity
- · With screen



- · E-Z smart funnel
- Funnel design protects against over filling the drum
- · 2-gallon capacity
- No screen

Multi-Purpose & Disposable Funnels

ZE764

- · Heavy-duty polyethylene
- Funnel opening: 10" x 7"
- 1 1/8" O.D. outlet
- · With screen



ZE770

- · Deluxe plastic funnel
- Wide neck for rapid filling
- 11" flexible outlet, convenient for hard to reach places
- 0.625" O.D. outlet



ZE775

- · King size plastic funnel
- One piece construction
- Funnel diameter: 4 1/2"
- 17" long with 5/8" outlet
- 0.625" O.D. outlet



ZE759Sold in qty of 2

8" funnel diameter

- Flexible spout:
- W- 1/2" L- 7"
- 1.75 quart capacity



ZE761

Sold in qty of 4

- 9" funnel diameter
- Flexible spout:
 W- 7/8" L- 9"
- · 3 quart capacity

Features For (ZE759) & (ZE761)

- Heavy-duty polyethylene
- Anti-splash rim with lid
- Screen included
- 1" O.D. Outlet



GALVANIZED FUNNELS











ZE86

ZE701

ZE703

ZE705

ZE707

Model	Capacity	Spout	Screen	Outlet I.D.	Dimensions
ZE 86	1 quart	14" Flexible	50 Mesh Brass	7/16"	6" Diameter
ZE701	1 quart	Straight	Included	1/2"	6 1/4" Diameter x 8" Deep
ZE703	8 quart	Ribbed to Fit Openings	Included	1"	9 1/2" Diameter x 6" Deep
ZE705	6 quart	Straight	50 Mesh Brass	1"	10" Diameter
ZE707	9 quart	Center	Included	1"	12" Diameter x 12" Deep

Drain Pans & Drip Pan

ZE721

- Galvanized utility drain pan
- 3 1/2-gallon capacity
- 15 1/2" diameter x 3 1/2" deep



ZE765

- · Plastic drain pan and parts cleaner
- 13" diameter x 4" deep



ZE766

- Plastic drain pan w/ spout and cap
- 4 1/2-gallon capacity
- 22.91" x 18.58" x 6.14" deep



- Drip pan
- Fits any 2" NPT opening
- Fits pumps with 2" NPT bung
- · Strains and returns overflow back to the drum





PLASTIC MEASURES



(ZE757 sold in qty of 2)

Plastic Measures w/ Flexible Spout

- · Marked in guarts and liters
- · Includes threaded lid
- Includes thread on outlet cap (ZESPOUT/CAP)
- HDPE container with polyethylene spouts and caps
- (ZE757-W also available in translucent white)

		Replacement Parts	
Model	Capacity	Lid	Spout
ZE731	4 Quarts	ZE731LC	-
ZE732	8 Quarts	ZE732LC	-
ZE751	1 Quart	ZE752G	ZESPOUT751/753
ZE753	2 Quarts	ZE754G	ZESPOUT751/753
ZE755	3 Quarts	ZE754G	ZESPOUT751/753
ZE757	5 Quarts	ZE758G	ZESPOUT757



Features For (ZE731) & (ZE732):

- · Marked in liters and quarts
- · Includes a threaded lid and outlet cap

ZE731 Sold in qty of 2

· 4 Liter / 4 Quart

ZE732 Sold in qty of 2

• 8 Liter / 8 Quart

Pistol Action Oilers

ZE93 ZE95 ZE94 ZE97

Features For All Pistol Action Oilers:

- Include a 6" rigid steel stem and 6" flexible spout
- Deep-drawn seamless body
- · Attractive red paint finish



ZE93



ZE95 ZE97

Model	Capacity
ZE93	6 oz
ZE94	1 Pint
ZE95	10 oz
ZE97	1 Quart

Automotive Tools

ZE43

- Filter wrench
- For removing standard 3 1/2" to 3 5/8" spin on filters
- 1 1/4" wide plated band with 7" vinyl grip

Battery Filler

- · Heavy-duty polyethylene
- · Automatic shutoff
- Non-drip tip
- · Safe to use with battery acid
- 1.8 quart capacity (2 liters)



ACCESSORIES CHEMICAL PUMPS BATTERY **MEASURES FUNNELS SIPHON LEVER** POWERED CHEMICAL RESISTANCE ZE10191G ZE7000 ZE369AR ZE10010 ZE10190 ZE7019 ZE10020 ZE753 **ZE798** ZE373 ZE374 ZE375 ZE376 ZE377 ZE7 ZE7 ZE7 ZE7 ZE7 **CHEMICAL NAME ACTALDEHYDE ACETIC ACID: > 20%** ACETIC ANHYDRIDE **ACETONE** ALCOHOL: AMYL ALCOHOL: BENZYL ALCOHOL: BUTYL **ALCOHOL: DIACETONE ALCOHOL: ETHYL ALCOHOL: HEXYL ALCOHOL: ISOBUTYL ALCOHOL: ISOPROPYL ALCOHOL: METHYL** ALCOHOL: PROPYL **AMMONIA: > 10% AMMONIA, ANHYDROUS** AMMONIA, LIQUID **AMMONIUM HYDROXIDE ANTI-FREEZE BENZENE** BENZOIC ACID **BLEACH BORIC ACID CALCIUM CHLORIDE** (30% IN WATER) CALCIUM HYPOCHLORITE **CALCIUM SULFATE** CITRIC ACID **COPPER CHLORIDE COPPER SULFATE: > 5% DETERGENTS DIESEL FUEL ETHYL ACETATE ETHYLENE GLYCOL FORMIC ACID FUEL OILS GASOLINE (NOT UL LISTED) GLYCERIN HEPTANE (BRAKE CLEANER) HYDROCHLORIC ACID: > 37% HYDROCHLORIC ACID: > 50% HYDROGEN PEROXIDE: > 30% JET FUEL** (JP3: JP4: JP5) **KEROSENE LACQUERS** LACQUER THINNERS LACTIC ACID **METHYL ETHYL KETONE (MEK) MINERAL SPIRITS** NAPTHA NITRIC ACID: > 20% OXALIC ACID (COLD) **PHOSPHORIC ACID: > 40%** PHOTOGRAPHIC (DEVELOPER) **POTASSIUM CHLORIDE POTASSIUM HYDROXIDE** PROPYLENE GLYCOL **SILICONE** SODIUM BICARBONATE SODIUM CHLORIDE **SODIUM HYDROXIDE: > 50% SODIUM HYPOCHLORITE: < 20%** SODIUM NITRATE **SODIUM SULFATE** STODDARD SOLVENT SULFURIC ACID: > 75% **TOLUENE, TOLUOL TRICHLORETHANE** TRICHLORETHYLENE **TURPENTINE UREA/DEF XYLENE**

Only pumps used for chemicals listed with a rating of "Excellent" will be covered under warranty.

ZE10193

ARNING! This chart is intended as a guide to aid in the pump select process. The information it contains has been gathered from reputable sources. However, National-Spencer inc. assumes no responsibility to a accuracy or completeness of this information as it pertains to specifications. If you need help selecting a pump, please call 800-231-1523.

RATINGS-CHEMICAL EFFECT **CHEMICAL PUMPS** No Effect-Excellent LIFT **ROTARY** Minor to Moderate Effect-Fair ZE11219 ZE10240 **Severe Effect-NOT Recommended** ZE10130 ZE10050 ZE10080 ZE10120 ZE1014R ZE10256 ZE366T ZE1014 ZE10211 ZE10231 ZE365 ZE1021 **CHEMICAL NAME ACTALDEHYDE ACETIC ACID: > 20%** ACETIC ANHYDRIDE ACETONE ALCOHOL: AMYL ALCOHOL: BENZYL WARNING! This chart is process. The information sources. However, Nation ALCOHOL: BUTYL **ALCOHOL: DIACETONE ALCOHOL: ETHYL ALCOHOL: HEXYL** I This chart is intended as a guide to aid in the pump selection le information it contains has been gathered from reputable rowever, National-Spencer Inc. assumes no responsibility for or completeness of this information as it perfains to specific of the property of th **ALCOHOL: ISOBUTYL ALCOHOL: ISOPROPYL** ALCOHOL: METHYL ALCOHOL: PROPYL **AMMONIA: > 10% AMMONIA, ANHYDROUS** AMMONIA, LIQUID AMMONIUM HYDROXIDE **ANTI-FREEZE BENZENE BENZOIC ACID BLEACH BORIC ACID** CALCIUM CHLORIDE (30% IN WATER) CALCIUM HYPOCHLORITE **CALCIUM SULFATE** CITRIC ACID **COPPER CHLORIDE COPPER SULFATE: > 5% DETERGENTS DIESEL FUEL** ETHYL ACETATE **ETHYLENE GLYCOL FORMIC ACID FUEL OILS GASOLINE (NOT UL LISTED) GLYCERIN** Only pumps used for chemicals listed with a rating **HEPTANE (BRAKE CLEANER) HYDROCHLORIC ACID: > 37% HYDROCHLORIC ACID: > 50% HYDROGEN PEROXIDE: > 30% JET FUEL** (JP3: JP4: JP5) **KEROSENE LACQUERS LACQUER THINNERS** LACTIC ACID **METHYL ETHYL KETONE** (MEK) **MINERAL SPIRITS** NAPTHA NITRIC ACID: > 20% OXALIC ACID (COLD) **PHOSPHORIC ACID: > 40%** PHOTOGRAPHIC (DEVELOPER) **POTASSIUM CHLORIDE POTASSIUM HYDROXIDE** PROPYLENE GLYCOL **SILICONE SODIUM BICARBONATE** SODIUM CHLORIDE **SODIUM HYDROXIDE: > 50% SODIUM HYPOCHLORITE: < 20% SODIUM NITRATE** 약 **SODIUM SULFATE** STODDARD SOLVENT SULFURIC ACID: > 75% **TOLUENE, TOLUOL** TRICHLORETHANE TRICHLORETHYLENE **TURPENTINE UREA/DEF XYLENE**

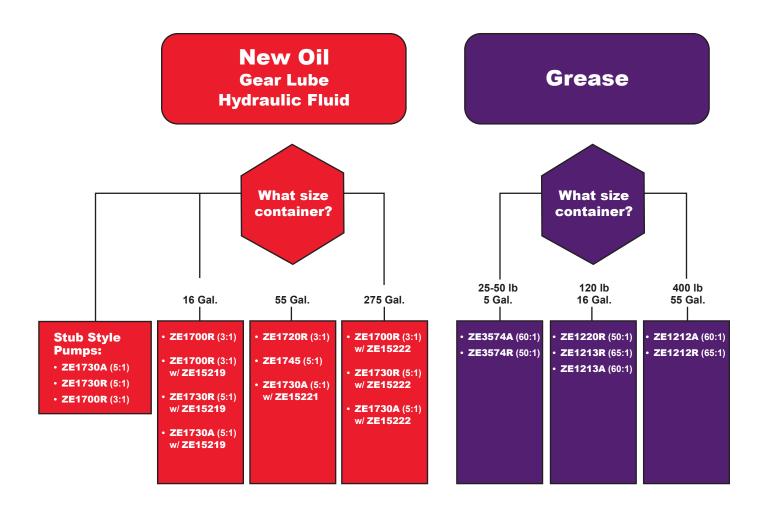
"Excellent" will be

covered under warranty

CHEMICAL CHARTS

PUMP SELECTION GUIDE

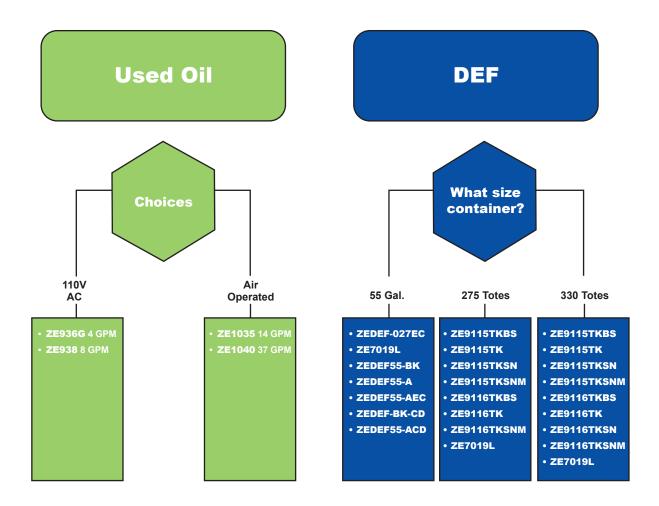
What Product Are You Going to be Transferring?



- (3:1) 300 PSI discharge pressure medium distance transfers up to 50', up to 80/90 wt. viscosity
- (5:1) 500 PSI discharge pressure long distance transfers up to 50', up to 240 wt. viscosity

PUMP SELECTION GUIDE

WHAT PRODUCT ARE YOU GOING TO BE TRANSFERRING?



- (50:1) 5000 PSI discharge pressure
- (55:1) 5500 PSI discharge pressure. Medium distance up to 50' NLGI #2
- (60:1) 6000 PSI discharge pressure.

Note: Discharge pressure is based on 100 PSI air inlet pressure

INDEX

Part #	Page #
ZE075NDT	54
ZE08DEF750	73
ZE6EV	30
ZE6OD	19
ZE8DC	25
ZE10	49
ZE11SP	46
ZE12	46
ZE17	37
ZE18	46
ZE19R	46
ZE20	56
ZE20WB	56
ZE21CM	29
ZE21CMB	29
ZE21DC	25
ZE21EV	30
ZE21EVB	31
ZE21OD	19
ZE21PD	26
ZE21TD	26
ZE23	49
ZE24	49
ZE24WH	46
ZE27	48
ZE28	48
ZE28SP	48
ZE29	49
ZE30A1	52
ZE31	49
ZE34	51
ZE36WH	46
ZE37	51
ZE38	51
ZE43	81
ZE44	48
ZE48	48
ZE49SP	51
ZE52	48
ZE55	49
ZE57	77
ZE62	51 77
ZE63	
ZE64	77
ZE65	49
ZE66M	50 50
ZE66SS ZE67	50 77
ZE0/	77

D 4 "	
Part #	Page #
ZE67SG	77
ZE68	77
ZE69	51
ZE70	51
ZE71	51
ZE72	51
ZE73	51
ZE74	51
ZE75	51
ZE77SP	51
ZE78	51
ZE79	51
ZE80	49
ZE81	77
ZE82SP	51
ZE82SS	77
ZE85SP	51
ZE86	80
ZE87SP	51
ZE88	73
ZE89	77
ZE91	9
ZE92	9
ZE93	81
ZE94	81
ZE95	81
ZE96	14
ZE97	81
ZE101	20
ZE102	48
ZE103	57
ZE104SM	48
ZE105	75
ZE105-S	75
ZE120	75
ZE120-S	75
ZE130-S	75
ZE135	75
ZE135WC	75
ZE137	75
ZE138-S	75
ZE140-S	75
ZE140-SOR	75
ZE147	74
ZE148	74
ZE150	74
ZE151	76
ZE155	23

Part #	Page #
ZE159	47
ZE167	76
ZE169	76
ZE170	68
ZE175	56
ZE186	47
ZE202	57
ZE227	28
ZE240	70
ZE321	20
ZE327	41
ZE328	41
ZE331	40
ZE333	40
ZE336	23
ZE338	23
ZE343	40
ZE353	20
ZE360	69
ZE363	69
ZE365	69
ZE366	24
ZE366T	24
ZE369AR	69
ZE369BC	70
ZE373	63
ZE373HK	63
ZE374	68
ZE375	68
ZE376	68
ZE377 ZE381	68 21
ZE382	21
ZE386	66
ZE387	66
ZE540	39
ZE541	39
ZE550	39
ZE567	39
ZE625	40
ZE660	47
ZE700	31
ZE701	80
ZE703	80
ZE705	80
ZE707	80
ZE721	80
ZE731	81

Part #	Page #
ZE732	81
ZE732 ZE737	81
ZE751	81
ZE751	81
ZE755	81
	-
ZE757	81 79
ZE759	
ZE761 ZE764	79
	79
ZE765	80
ZE766	80
ZE769	79
ZE770	79
ZE775	79
ZE785	80
ZE798	79
ZE799	79
ZE830	76
ZE911	43
ZE912-19L	42
ZE912-20	42
ZE915	43
ZE936G	19
ZE938G	19
ZE960	54
ZE961	54
ZE962	54
ZE963	54
ZE975	22
ZE1000	70
ZE1002	55
ZE1003	55
ZE1006HFM	53
ZE1009	65
ZE1009H	65
ZE1014	67
ZE1014R	67
ZE1025	65
ZE1035	13
ZE1035K	14
ZE1035K2	14
ZE1040	13
ZE1040K	14
ZE1040UL	13
ZE1213A	35
ZE1213A-00	35
ZE1213A-10	35
ZE1213A-12	35

Part #	Page #
ZE1213A-16	35
ZE1213A-25	35
ZE1213A-50	35
ZE1213R	34
ZE1213R-00	34
ZE1213R-10	34
ZE1213R-12	34
ZE1213R-16	34
ZE1213R-25	34
ZE1213R-50	34
ZE1220R	34
ZE1220R-00	34
ZE1220R-12	34
ZE1220R-16	34
ZE1230OR	4
ZE1250OR	4
ZE1450GR	36
ZE1459NS	73
ZE1523	38
ZE1524	38
ZE1527	10
ZE1529	10
ZE1531	10
ZE1533	37
ZE1534	37
ZE1536A	36
ZE1537	57
ZE1537C	57
ZE1538	57
ZE1538C	57
ZE1539	57
ZE1539C	57
ZE1541	57
ZE1542	57
ZE1543	57
ZE1544	37
ZE1545	37
ZE1547	37
ZE1559A-ASSY	13
ZE1559A2-ASSY	13
ZE1608R	10
ZE1608RNL	10
ZE1700R	11
ZE1701	8
ZE1702R	12
ZE1712PPV	10
ZE1713	9
ZE1714	9

Part #	Page #
ZE1716	9
ZE1722	10
ZE1730A	8
ZE1730R	11
ZE1735R	11
ZE1745	12
ZE2134	73
ZE2136	73
ZE2178	73
ZE2204	9
ZE2205	9
ZE2210	9
ZE2215	9
ZE2220	9
ZE2225	9
ZE2250	9
ZE2500	17
ZE2501	17
ZE2502	16
ZE2503	16
ZE2510	15
ZE2511	15
ZE2520	36
ZE3574A	33
ZE3574A-10	33
ZE3574A-12	33
ZE3574A-16	33
ZE3574A-25	33
ZE3574R	32
ZE3574R-00	32
ZE3574R-10	32
ZE3574R-12	32
ZE3574R-16	32
ZE3574R-25	32
ZE3713	61
ZE5001	77
ZE5702	61
ZE5792	63
ZE6104	5
ZE6105	5
ZE6124	5
ZE6204	5
ZE6401	5
ZE6405	5
ZE6408	6
ZE6412	6
ZE6413	7
ZE6418	6

INDEX

Part #	Page #
ZE6421	6
ZE6504	7
ZE6518	7
ZE6523	7
ZE6602	18
ZE6613	18
ZE6614	18
ZE6805	6
ZE6808	6
ZE6809	6
ZE6812	6
ZE6905	7
ZE6906	7
ZE6909	7
ZE6910	7
ZE7000	64
ZE7002	64
ZE7019AC	58
ZE7019ACK	58
ZE7019ACK ZE7019L	58
ZE7019L ZE7020	58
ZE7050	4
ZE7051	4
ZE9008	61
ZE9112	61
ZE9115	61
ZE9115-551	60
ZE9115-552	60
ZE9115-IBC1	59
ZE9115-IBC2	59
ZE10010	69
ZE10010BC	70
ZE10020	69
ZE10044	69
ZE10050	69
ZE10080	71
ZE10110	66
ZE10120	71
ZE10130	71
ZE10190	71
ZE10191G	71
ZE10193	66
ZE10210	71
ZE10211	67
ZE10213	67
ZE10231	67
ZE10240	67
	65

Do:##	Dono#
Part #	Page #
ZE10255	67
ZE10256	67
ZE10265	76
ZE10266	76
ZE10267	76
ZE11219	66
ZE15219	9
ZE15221	9
ZE15222	9
ZE15441	57
ZE28625	12
ZE47722	50
ZE47724	50
ZE47725	50
ZE75000	57
ZE75100	57
ZE103501	14
ZE104001	14
ZE104006G	21
ZE107012	38
ZE107016	38
ZEA-102	78
ZEA-104	78
ZEB008	11
ZEBOWL	56
ZED01	21
ZED-100	78
ZED-101	78
ZED-102	78
ZED-108	78
ZED-154	78
ZEDEF-15	62
ZEDEF-905	62
ZEDEF-906	62
ZEDEF-907 ZEDEF-107233	62 62
ZEDEF-107233 ZEDEF-V750	73
ZEDG-55	72
ZED-S	21
ZED-S1	21
ZEGS541	39
ZEHD4	45
ZEHD4 ZEHD5	45
ZEL30-94N	52
ZEL30-94N ZEL30-95N	
	73
ZELD5 ZELO100	44 72
ZELP17	27

Part #	Page #
ZELP17-EP	28
ZELP17-MP	27
ZEMD4	44
ZEMD5	44
ZENS-10	56
ZENS-10-BSP	56
ZENS-10W	56
ZENS-30	56
ZENS-30AR	56
ZENS-40	56
ZENS-40WB	56
ZETG60	72
ZETG72	72
ZEZ-131	78
ZEZ-133	78
ZEZ-134	78



WARRANTY, RETURN & REPAIR POLICY

WARRANTY REPAIR EQUIPMENT GUIDELINE

The item(s) are to be returned via prepaid transportation to our Spencer, IA location. Upon receipt of the equipment at our factory, it will be examined for defects within the conditions of our 2-year ZEELINE Product Warranty, or 1-year Economy Warranty, whichever is applicable - on equipment from the date of sale by an authorized ZeeLine by Milton™ Distributor to the original purchaser. If found to be defective it will be repaired or replaced at no charge f.o.b. the factory, or credit will be issued, at our discretion. If chargeable repairs are necessary, you will be contacted by phone or email for repair approval.

RETURN EQUIPMENT GUIDELINE

Any items (wrong material sent, wrong material ordered, samples, equipment to be repaired, to be returned to ZeeLine by Milton™.) require a Return Material Authorization (RMA) number clearly printed on each box returned, or it will be returned to the sender. Claims for shortages must be made within 5 days of receipt. Freight damages or shortages must be noted when merchandise is received, and claim filed with carrier.

To obtain an RMA number, contact ZeeLine by Milton™ at the telephone or fax numbers listed below. Products must be returned in new and unused condition, of the current style, in the original container via prepaid transportation within (thirty) 30 days of the ship date for credit (a restocking charge will be applied). Annual stock adjustment will be allowed up to 5% of previous years purchases RMA required. No returns on products after the (one) 1 year of invoiced date.

All correspondence including purchase orders, payments should be sent to:

ZeeLine by Milton™ PO Box 6671 Carol Stream, IL 60197-6671

All returned goods or shipments should be sent prepaid to:

ZeeLine by Milton™ 1209 - 32nd Ave. West Spencer, IA 51301 RMA required

ZeeLine by Milton™ LIMITED WARRANTY

ZeeLine by MiltonTM warrants to the original purchaser that its new products will be free from defects in material and workmanship for a period of product's warranty following date of original shipment to end user. All implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, shall be limited in duration to the warranty period specified for that product. (Some states do not allow limitations on how long implied warranty lasts, so the above limitation may not apply to you.) This warranty is void if: (1) the product has been damaged by accident or unreasonable use, neglect, improper service or installation, or other causes not arising out of defects in material or workmanship. (2) the serial number (if applicable) has been altered or defaced. We shall not be liable for loss of use of the product, or other incidental or consequential costs, expenses, or damages incurred by the purchaser. (Some states do not allow the excluding or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you.) Repairs and/or replaced new parts are warranted against defects on materials and workmanship for (one) 1 year, however, this additional warranty applies only to the specific parts repaired or replaced. This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.

All warranties must be accompanied by an original purchase invoice.

P) 800.231.1525

F) 316.500.7423

E) supportzeeline@miltonindustries.com



For More Information, Please Visit Our Website



For Ordering or Inquiries Please Contact Us:

Email: supportzeeline@miltonindustries.com Phone: 1.800.231.1525

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