

# SERFILCO®

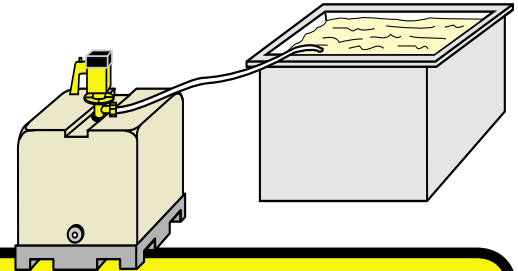
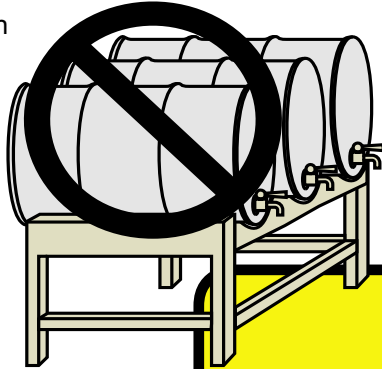
## DRUM and HAND DISPENSING PUMPS

BULLETIN  
P-410  
JAN. 1999

*Constructed of engineered thermoplastics  
or metal for the broadest range of  
industrial applications\**

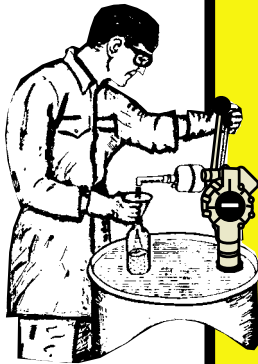
Extended drum pump  
lengths for use with totes.

Avoid hazardous solution  
transfer methods.



### **Tough, quality engineered pumps**

Optional point of use  
filter on hand pump for  
filtering/transfer of  
pilot work.

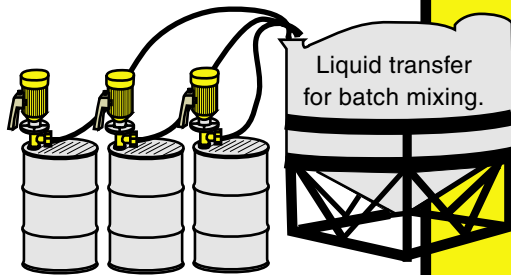


Our Series 'HP' Hand Dispensing Pumps and Series 'DP' Drum Pumps are designed for the transfer or dispensing of concentrates, additives or other liquids which are purchased in bulk but are used in smaller quantities. Use of these pumps eliminates having to pour from one container to another and to prime pumps for volume transfer.

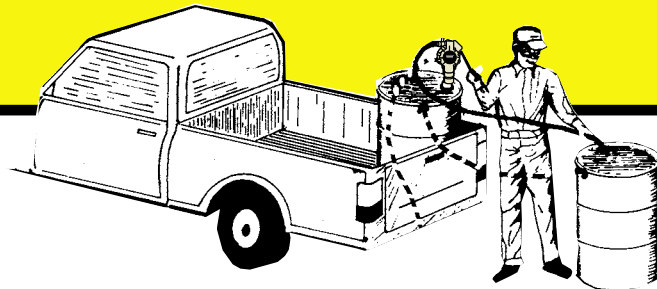
The hand pump delivers one pint per stroke or one quart with the forward and back push/pull of the handle.

The motor driven pumps deliver up to 33 GPM. The pumps also help to avoid costly and hazardous spilling and splashing which could result in injury to personnel and cause ground contamination.

The choice of materials of construction enables the user to select those which are chemically compatible with the solutions to be pumped.



Low cost hand and drum  
pumps permit use of  
multiple pumps to avoid  
cross-contamination.



Shown with optional  
grounding and  
bonding cables.

***\*Be sure to handle all liquids with care. Face mask, goggles, gloves, boots, aprons and fire retardant or acid-proof coveralls or smocks will help prevent bodily injury.***

# SERIES 'HP' HAND PUMPS

**For point-of-use dispensing / filtering of water and chemicals\* used for:  
PLATING / PHARMACEUTICAL and other stringent applications  
INDUSTRIAL / PETROLEUM PRODUCTS including some solvents.\*\***



- **QUALITY ENGINEERED THERMOPLASTIC CONSTRUCTION**
- **CONTROLLED DISCHARGE RATE**  
The pump discharges approximately one (1) quart on every complete forward and backward cycle.
- **SUCTION LIFT:** Tested for 15 ft. minimum
- **DISCHARGE HEAD:** Up to 25 ft.
- **VISCOSITIES UP TO 2000 SSU**
- **TWO POSITION PUMP HANDLE**  
Handle can be mounted above the pump or below. Much easier to operate on a truck or high tank.
- **TAMPER PROOF HANDLE**  
Can be padlocked to protect against unauthorized use.
- **SELF-LUBRICATING PTFE PISTON RING**  
Operates wet or dry for long life

**TO ORDER PUMP**  
(Order hoses and suction tube to complete assembly)

## ELIMINATES "DUMPING" & SPILLING OF SOLUTIONS

The Hand Dispensing Pump is a double acting piston type which will handle a wide range of solutions. The pump body, valves, valve seats and piston are all made of chemically resistant, performance engineered plastics, especially compounded to give the pump strength and rigidity. All internal metal parts in contact with the liquid are made of 316 stainless steel. The "O"-ring and gasket materials are cork-nitrile, Viton or EPDM (ethylene propylene). 1" NPT suction, 3/4" NPT discharge.

\* Refer to a chemical resistance data chart for compatibility of materials. Always wear protective safety clothing such as gloves, apron, goggles.

\*\* When pumping flammable or combustible liquids from one container to another, both containers must be effectively bonded and grounded to prevent discharge of sparks of static electricity which could cause explosion and bodily harm.

	MODEL	"O"-RING	GASKET	PRICE CODE NO.
POLYESTER GLASS REINFORCED	HPV	VITON®	VITON	59-0001
	HPN	VITON	CORK-NITRILE	59-0002
	HPE	EPDM	EPDM	59-0003
RYTON® GLASS REINFORCED	HRV	VITON	VITON	59-0004
	HRN	VITON	CORK-NITRILE	59-0005
	HRE	EPDM	EPDM	59-0006
ECTFE (HALAR®)	HHV	VITON	VITON	59-0007
	HHE	EPDM	EPDM	59-0008

All pumps include a 2" NPT bung adapter.

<b>BOND WIRE</b>	10 ft. long w/clamp at both ends	55-0245
<b>GROUND WIRE</b>	6 ft. long, 1 clamp, 1 spade lug	55-0246

## HOSES & SUCTION TUBE

MODEL	DESCRIPTION	PRICE CODE NO.
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### DISCHARGE HOSES (Add to Model No. and Price Code No.)

-1	8' EPDM, w/polyester elbow & nozzle	-1
-2	8' Nitrile (Buna-N), w/polyester elbow & nozzle	-2
-3	8' PVC black vinyl, w/polyester elbow & nozzle	-3
-4	8' Cross linked polyethylene, w/polyester elbow & nozzle	-4
-5	8' Cross linked polyethylene, w/ECTFE elbow & nozzle	-5
-6	8' EPDM, w/ECTFE elbow & nozzle	-6
-7	8' Nitrile (Buna-N), w/ECTFE elbow & nozzle	-7
-8	8' PVC, w/ECTFE elbow & nozzle	-8

### SUCTION TUBE (Add to Model No. and Price Code No.)

-A	2 pc. 1" polyester, 34" long w/polyester coupling & PTFE tape	-A
-B	2 pc. 1" PTFE, 34" long w/ECTFE coupling & PTFE tape	-B
-C	2 pc. 1" UHMW polyethylene <sup>#</sup> , 34" long w/ECTFE coupling	-C
-E	1 pc. 3/4" PVC flexible, 35" long (prevents tearing of drum liners)	-E

<sup>#</sup>Ultra High Molecular Weight polyethylene

## OPTIONAL EQUIPMENT

MODEL	DESCRIPTION	PRICE CODE NO.
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### DISCHARGE SPOUT (Add to Model No. and Price Code No.)

-M	Polyester	-M
-N	ECTFE	-N

### BUTTRESS-BUNG ADAPTER (2" buttress x 2" NPT) (Add to Model No. & Price Code No.)

-R	Polypropylene/polyester assembly for HP pump	-R
-S	Polypropylene/ECTFE assembly for HR pump	-S
-T	Polypropylene/ECTFE assembly for HH pump	-T

### FILTER CAPSULE-PAC

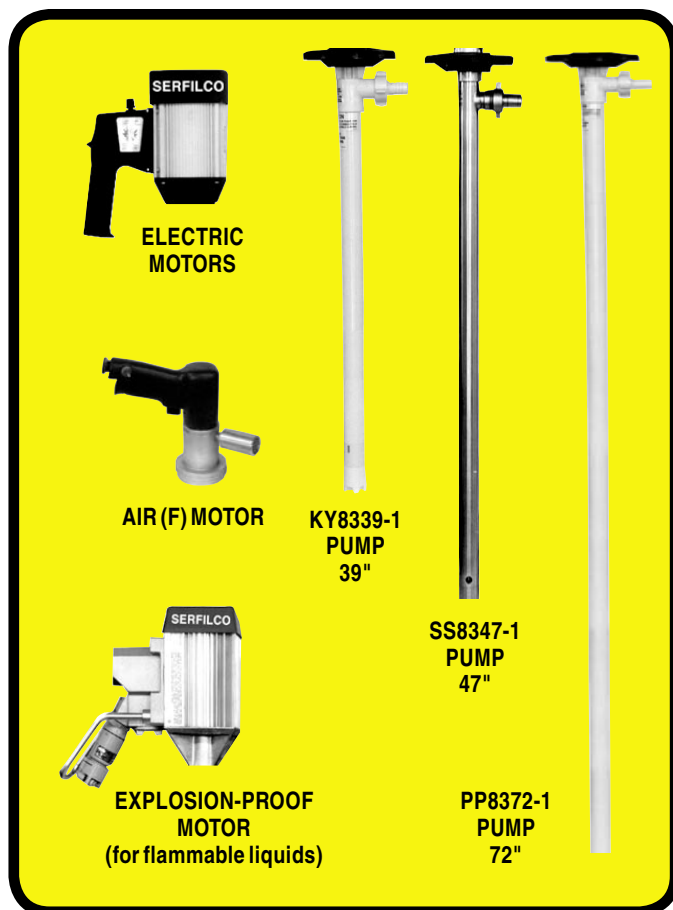
FPC-1.0	Polypropylene filter capsule with pleated 1.3 ft. <sup>2</sup> polypropylene media, ECTFE pump adapter, ECTFE discharge spout.	1.0 Nominal	59-0011
FPC-0.2		0.2 Nominal	59-0013
FC-1.0	Replacement filter capsule	1.0 Nominal	59-0012
FC-0.2		0.2 Nominal	59-0014

<b>WALL BRACKET</b>	55-7149
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TYPICAL MODEL: HPN-2AM & PRICE CODE NO.: 59-0002-2AM

# SERIES 'DP'DRUM PUMPS

For fast and convenient dispensing of liquids.  
Empties a 55 U.S. gallon (200L) drum in less than 2 minutes.



## SUITABLE FOR PUMPING:

**ACIDS / ALKALIES / SOLVENTS  
FUELS / PHOTOGRAPHIC SOLUTIONS  
HERBICIDES / OILS / BEVERAGES**

- Made in the U.S.A.
- Pump available in **polypropylene, pure PVDF or 316 stainless steel** (See chemical resistance chart)
- Lengths of 39", 47", 60" and 72".
- Seal-less, one-piece outer tube with screw-on foot. No weak spin welds or glued components.
- Heavy duty 1.1 HP electric motors (open or TEFC) with variable speed control for precise control without splashback. Explosion-proof or air driven motors available.
- On-site service is easy. No special tools required.
- Drop-in cartridge brush system simplifies motor brush replacement.
- Pure carbon bushings provide superior chemical resistance.

Series 'DP' Drum Pumps combine modern manufacturing techniques with proven and reliable design features. They are a convenient and efficient means of transferring and dispensing most liquid chemicals from drums, carboys and tanks.

These pumps are available in polypropylene, pure PVDF or polished 316 stainless steel, allowing for a great range of chemical and temperature compatibility. The pumps are available in lengths to meet your requirements and all pumps can be used interchangeably with any of our three electric and two air motors. They can be quickly changed to meet particular pumping or motor requirements. Seal-less design allows 30 minutes of dry operation under certain conditions. All pumps feature two lip seals to protect the upper sealed ball bearings from corrosive fumes.

Simply insert the pump into the liquid for immediate pumping. No priming is necessary since the rotor is located at the bottom end of the pump. Flow may be controlled with the unique speed control knob on the ODP-S and ENC-S motors to prevent splashing and control the volume. Keep these handy pumps on location throughout your plant for convenient solution transfer.

### ⚠ SAFETY PRECAUTIONS

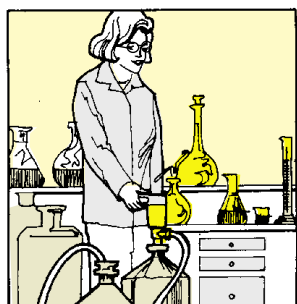
Verify the chemical compatibility of the material of your pump with the liquid you are pumping. Do not use a pump that is not chemically compatible with the fluids you are pumping or serious bodily harm, fire or explosion could result.

The high velocity flow of liquid through a pump could create static electricity. All pumps and containers must be properly grounded and bonded to prevent static discharge and sparking, which could cause electric shock, fire or explosion.

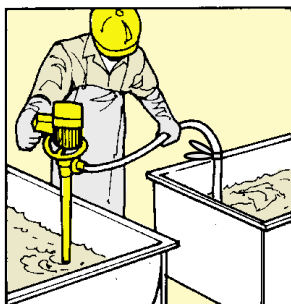
A ground wire should be used on any explosion-proof motor as well as the container when transferring explosive material. This warning pertains to electric and pneumatic motors.

**Only metallic pumps should be used for transferring flammable or explosive liquids. Do not pump an explosive or flammable liquid with ODP, ENC, Air (B) or Air (F) motors.**

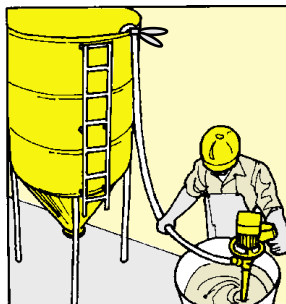
Follow all safety recommendations regarding clothing and goggles, which should be worn when using these pumps.



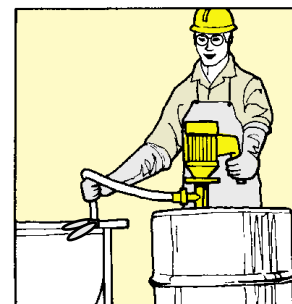
LABORATORY USE



PLATING TANKS



WASTE TREATMENT



CHEMICALS

# SELECT THE DRUM PUMP TUBES . . .

**TO ORDER, use Price Code Number**  
*Select pump from charts below and any motor from next page.*

### POLYPROPYLENE (PP) for:

Most chemically aggressive liquids such as acids, salt solutions and solutions which corrode or oxidize metals, such as hydrofluoric or sulfuric acid. Maximum liquid temperature 130°F (54°C). Free convenience kit includes wall bracket, 2" NPT PVC bung adapter, 1" stainless steel hose clamp.

**Not for use with flammable liquids.**

PUMP MODEL NUMBER	PRICE CODE NUMBER	MATERIALS OF CONSTRUCTION	LENGTH	DIA.	FOR HOSE SIZE
PP8339-1	52-1000	Polypropylene w/Hastelloy® C276, PTFE, carbon	39" (1000 mm)	1-5/8" (41mm)	1" *
PP8347-1	52-1001		47" (1200 mm)		
PP8360-1	52-1003		60" (1525 mm)		
PP8372-1	52-1005		72" (1825 mm)		

### PVDF (KY) for:

Highly aggressive solutions which swell and stress-crack other thermoplastics, such as sodium hypochlorite and ferric chloride. Maximum liquid temperature 180°F (82°C). Free convenience kit includes wall bracket, 2" NPT PVC bung adapter and 1" stainless steel hose clamp.

**Not for use with flammable liquids.**

PUMP MODEL NUMBER	PRICE CODE NUMBER	MATERIALS OF CONSTRUCTION	LENGTH	DIA.	FOR HOSE SIZE
KY8339-1	52-4000	Natural PVDF w/Hastelloy® C276, PTFE, carbon	39" (1000 mm)	1-5/8" (41mm)	1" *
KY8347-1	52-4001		47" (1200 mm)		

### 316 STAINLESS STEEL (SS) for:

Most solvents and organic acids, as well as salt solutions, nitrous acids, dyes, all alkalis, potable liquids to 200°F (93°C). All components are polished for a quality finish. Free convenience kit includes wall bracket, bonding and grounding cables and 1" stainless steel hose clamp.

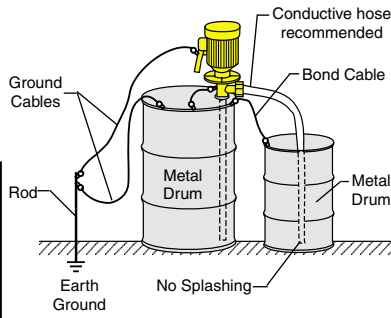
**For use with flammable or explosive liquids.**

PUMP MODEL NUMBER	PRICE CODE NUMBER	MATERIALS OF CONSTRUCTION	LENGTH	DIA.	FOR HOSE SIZE
SS8339-1	52-2000	316 stainless steel, w/PTFE, carbon	39" (1000 mm)	1-5/8" (41mm)	1" *
SS8347-1	52-2001		47" (1200 mm)		
SS8360-1	52-2002		60" (1525 mm)		
SS8372-1	52-2003		72" (1825 mm)		

\* For 3/4" hose connections, see Accessories page.

### Ground-Bond Cables

When pumping flammable or combustible liquids from one container to another, both containers must be effectively bonded and grounded to prevent discharge of sparks of static electricity which could cause explosion. Not for use with plastic pumps or ODP/ENC motors.

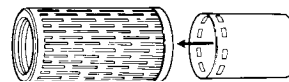


- 2 ground cables, 6' long with clamps
- 1 bond cable, 10' long with clamps
- 1 ground cable, 1' long with clamp for drum

PRICE CODE NO.
55-0246
55-0245
55-0299

### Strainer

Recommended when pumping dirty liquids or where abrasive particles are present.



- PP for PP or PVDF pumps . . .
- SS for SS pumps . . . . .

PRICE CODE NO.
55-0282A
55-0283



### BATTERY POWERED ELECTRONIC FLOW METERS

- Self-contained microprocessor with LCD readout
- 1.5% accuracy, .5% repeatability
- Measures flow rate and total flow separately  
Consult Application Engineering Dept. for other registers.
- 316 stainless steel or nylon
- Factory calibrated: 3 - 50 U.S. GPM or 10 - 190 LPM



Electronic Digital Flow Meters combine microprocessor technology with rugged and accurate turbine flow sensor design. Power is supplied by 2 lithium batteries (included) that provide an average 2,000 hours intermittent use. LCD display automatically turns on when flow starts and off four minutes after flow ceases. Standard connection is 1" NPT on both the 316 stainless steel and nylon meters. All electronics are enclosed under splash-tight gasketed acrylic cover. Pressure drop 2 psig @ 30 GPM (1.4 BAR @ 114 LPM) and 5 psig @ 50 GPM (3.5 BAR @ 190 LPM). Dimensions: 4" x 2.5" x 2" (10.2 cm x 6.4 x 5.1)

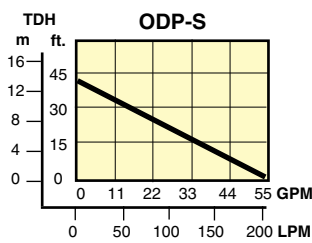
MODEL NO.	WETTED MATERIALS	PRICE CODE NO.
DMSS-1	Stainless steel, PVDF, ferrite, ceramic	52-0998 G
DMN-1	Nylon, ferrite, ceramic, stainless steel	52-0999 G

For LPM calibration change **G** to **L** in Price Code Number.

# THEN ADD THE DRUM PUMP MOTORS

**TO ORDER, use Price Code Number**

*All motors are rated for continuous duty to specific gravities listed. They are acceptable for intermittent service on higher specific gravity liquids. Air motors are not recognized under any current Underwriters' Lab. listing program. Consult a qualified safety engineer for suitability for use in a hazardous area.*

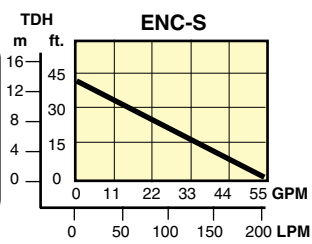


Not for use with flammable liquids.

### ODP-S OPEN DRIP-PROOF MOTOR w/speed control †

1.1 HP (825 watts). Drip-proof motor in rugged glass reinforced plastic housing. Speed control knob allows for efficient, controlled liquid dispensing. ON/OFF switch conveniently located for single hand, thumb control. Resettable thermal overload protected, double insulated motor. Cartridge brush design extends life and greatly reduces replacement service time. Includes 16 ft. cord w/molded plug. Not suitable for hazardous duty. For viscosities up to 750 CPS or specific gravity up to 1.8. Weight: 8.8 lbs. (4 kg.)

MOTOR MODEL NO.	PRICE CODE NO.	MOTOR VOLTAGE
ODP-S-115	52-8000	115V/1/50-60
ODP-S-240	52-8001	220-240V/1/50-60



Not for use with flammable liquids.

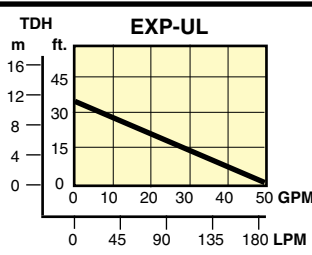
### ENC-S SEVERE DUTY TOTALLY ENCLOSED MOTOR w/speed control †

1.1 HP (825 watts). Totally enclosed motor in anodized aluminum housing for extra protection. Speed control knob allows for efficient, controlled liquid dispensing. ON/OFF switch conveniently located for single hand, thumb control. Resettable thermal overload protected, double insulated motor. Cartridge brush design extends life and greatly reduces replacement service time. Includes 16 ft. cord w/molded plug. For viscosities to 750 CPS or specific gravity up to 1.8. Not suitable for hazardous duty. Weight: 12 lbs. (6 kg.)

ENC-S-115	52-3000	115V/1/50-60
ENC-S-240	52-3001	220-240V/1/50-60

#### † WARNING for ODP-S and ENC-S motors

The speed control switch should not be used as the main on/off switch. Using the speed control switch in this manner causes excessive wear to the potentiometer and triac and may result in premature failure. The use of the speed control switch does not cut power to the motor and inadvertent activation could result in injury or death if the motor is activated when not properly attended and secured.



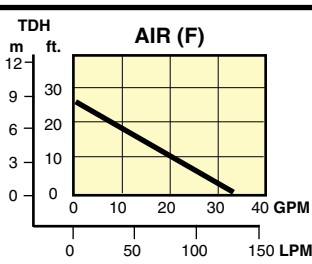
For flammable or explosive liquids.

### EXP-UL EXPLOSION-PROOF MOTOR

.83 HP (620 watts)\*\*. Explosion-proof motor in aluminum housing. C.S.A. and U.L. listed Class I, Groups C and D. Thermal overload protected, automatic reset. Includes 16 ft. cord, no plug. For viscosities up to 750 CPS or specific gravity up to 1.8. Includes grounding cable. Weight: 20 lbs. (9.5 kg.)

EXP-UL-115	55-0744	115V/1/50-60
EX5-240 *	55-7167	220-240V/1/50

\* Protection class (PTB): EE<sub>x</sub> de 11C T6  
\*\* 620 watt input / 430 watt output



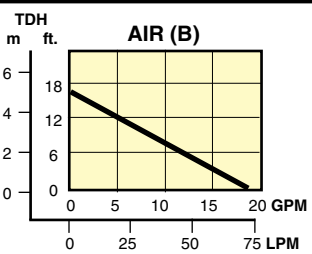
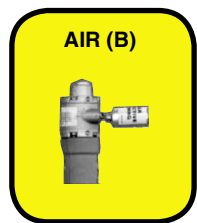
Not for use with flammable liquids. \*\*\*

### AIR (F) AIR DRIVEN MOTOR

.73 HP (550 watts), 28 cu. ft./min. @ 90 PSI, 10,000 RPM. Aluminum motor housing is plastisol coated to prevent sparking. Includes muffler, filter, and trigger valve for flow control. For viscosities to 450 CPS or specific gravity to 1.75. Air line filter, PSI regulator and automatic oiler recommended. Weight: 3.5 lbs. (1.6 kg.)

AIR (F)	52-0100
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\*\*\* CAUTION: Air motors are not recognized under any current Underwriters' Laboratory listing program. Consult a qualified safety engineer for suitability for use in a hazardous area or with flammables.



Not for use with flammable liquids. \*\*\*

### AIR (B) AIR DRIVEN MOTOR

.5 HP (370 watts), 22 cu. ft./min. @ 90 PSI, 10,000 RPM. Aluminum motor housing, glass reinforced plastic pump mounting bracket. Not suitable for hazardous duty. For viscosities to 250 CPS or specific gravity up to 1.6. Muffler included. When air supply line is fitted with an optional regulator, the pump output can be precisely controlled. Weight: 3 lbs. (1.4 kg.)

AIR (B)	55-0701
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**ACCESSORIES increase the functional use of any drum pump**

**Nozzles for controlled dispensing of liquid without splashing for safe chemical transfer**

Ideal for dispensing into small containers, the nozzle features full one inch flow-through for maximum flow and allows hand held squeeze control for corrosive applications. The nozzle is polypropylene with internal wetted parts of Viton® and Hastelloy® (shaft and spring). Nozzle includes 3/4" and 1" hose barb connections.



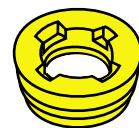
**PRICE CODE NO.**

52-0017

Hand lever, 1" hose connection . . . .

**Barrel Adapters**

For all pump models. To hold pump in vertical position and avoid exposure of motor to escaping vapors. Snug slip fit over pump tube allows for depth adjustment (of drum).



**PRICE CODE NO.**

99-0157

SS, 2" NPT, for metal drum pumps . . . .  
PVC, 2" NPT, for polypropylene, PVDF and metal drum pumps . . . . .  
PP, 2" buttress thread, for polypropylene and PVDF drum pumps . . . . .

99-0107A

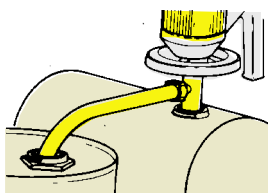
99-0108A

**Curved Spout**

Constructed of polypropylene. Designed to be used for transfer of liquids utilizing a rigid dispensing tube. For PP drum pumps.

**PRICE CODE NO.**

55-0264



**Hose, Clamps & Hose Barbs**

**PRICE CODE NO.**

PVC HOSE - CLEAR -  
3/4" I.D. - per foot . . . . .  
1" I.D. - per foot . . . . .  
NYLON REINFORCED HOSE - CLEAR  
3/4" I.D. - per foot . . . . .  
1" I.D. - per foot . . . . .  
STAINLESS STEEL FLEXIBLE HOSE -  
3/4" NPT x 8' long (male x female) . . . . .  
PTFE RIBBED HOSE - 1" I.D. x 8' long . . . . .  
HOSE CLAMP -  
3/4" stainless steel . . . . .  
1" stainless steel . . . . .  
DISCHARGE HOSE BARB (will replace 1") -  
3/4" polypropylene . . . . .  
3/4" PVDF . . . . .  
DISCHARGE ADAPTER -  
3/4" MNPT, CPVC . . . . .  
3/4" MNPT, 316 SS . . . . .  
MNPT, 316 SS . . . . .  
CHECK VALVE -  
3/4" FNPT, PVC . . . . .

55-0266

55-0274

22-0481

22-0432

22-0539A

22-0463

22-0520

22-0505

55-6051

52-4051

55-6096

55-6095

55-6100

33-6051

**Tank Mounting Bracket**

Provides for a secure vertical mounting of drum pump in tank. Rigid polypropylene bracket bolts to either tank flange or side. Simply install the pump's 2" NPT bung adapter to hold pump in the mounting bracket.



**PRICE CODE NO.**

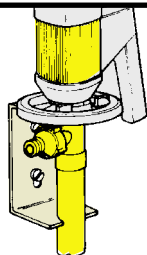
52-1101

**Wall Bracket - black vinyl coated 16 ga. steel**

A wall bracket is recommended for every pump. Proper storage will increase the life of the unit.

**PRICE CODE NO.**

55-0265



**Air Filter/Regulator/Lubricator**

To protect all air driven motors, w/polycarbonate bowl & pressure gauge (200 psi), 3/8" NPT



**PRICE CODE NO.**

55-1142

**316 SS Squeeze Clamp with Hose Clamp**

To securely hold discharge hose or nozzle to tank flange or container while operating. Holds hose to wall bracket for storage. Prevents spillage and siphoning. Entire assembly is 316 stainless steel and hose clamp is welded onto hand clamp. Ends of clamp have a lip to grip drum flange.

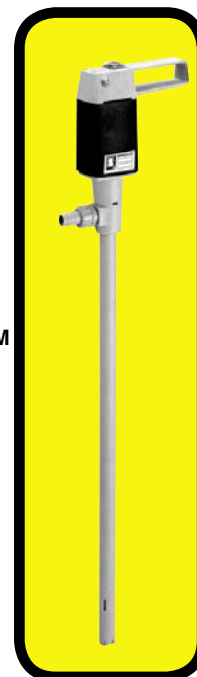
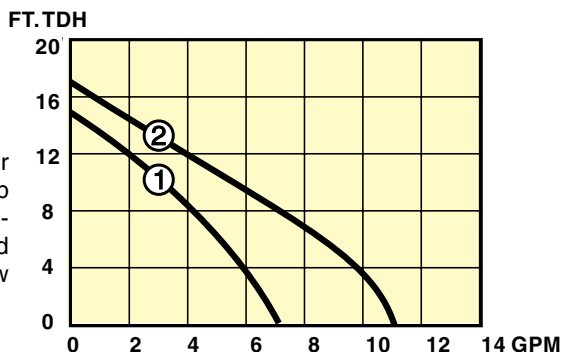


FOR HOSE SIZE I. D.	FORCE TO OPEN		SIZE	PRICE CODE NO.
1/2" to 1"	12 lbs.	5.5 kg.	Small - 4.5" handle	99-0190A
1" to 1 1/2"	22 lbs.	10 kg.	Large - 7.0" handle	99-0191B

## LABORATORY DRUM PUMP

- Ideal for low volume transfer
- Polypropylene
- 27" or 39" length

Versatile, lightweight pump for the transfer of acids or alkalis from glass carboys and similar containers. Pump will handle liquids to 250 cps. Motor is 160 watt with built-in overload and manual reset for safety. Includes 16' cord with molded plug, 10' of 1/2" vinyl hose, polypropylene flow nozzle & wall bracket.



**TO ORDER, use Price Code No.**

MODEL NO.	PRICE CODE NO.	CURVE	MATERIALS OF CONSTRUCTION	LENGTH	DIA.	HOSE SIZE	MAX. TEMP.	160 WATT MOTOR	WEIGHT
				inches	inches	inches	°F		Lbs.
PP8327-1-115	55-9000	1	Carbon Viton®	27	1	½ - ¾	115	115V/1/60	9.5
PP8327-2-110	55-9001	2			1 ¼			110V/1/50-60	
PP8327-2-220	55-9002	2			1 ¼			220V/1/50-60	
PP8339-1-110	55-9003	1	Ceramic Tefzel® Hastelloy®C	39	1	½ - ¾	115	110V/1/50-60	10
PP8339-1-220	55-9004	1			1			220V/1/50-60	
PP8339-2-110	55-9005	2			1 ¼			110V/1/50-60	
PP8339-2-220	55-9006	2			1 ¼			220V/1/50-60	

## PROGRESSIVE CAVITY DRUM PUMP

- Ideal for low volume dispensing of polymers, oils, glues and other high viscosity fluids
- 316 stainless steel with Viton, PTFE or Buna-N
- Available in 39" (1000 mm) and 43" (1100 mm) lengths
- Easy to dismantle for cleaning and maintenance

These positive displacement pumps feature a built-in gear box with a 16 to 1 reduction that decreases motor rotation to 700 RPM to allow the pumping of fluids with viscosities up to 100,000 SSU. Rotation speed can be further reduced by the speed control switch on open drip-proof and totally enclosed electric motors. The pumps can transfer liquids up to 3 or 6.5 GPM, depending upon the model selected. They are offered in 39" and 43" lengths. The pumps are constructed of 316 stainless steel with a choice of stators — PTFE, Viton or Buna-N. (Consult a chemical resistance chart for compatibility with your application.) Order motors separately.



**TO ORDER, use Price Code No.**

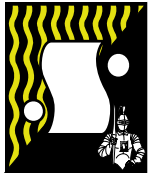
MODEL NO.	PRICE CODE NO.	LENGTH		FLOW RATE **
PD3930- * _	52-7100 * _	39" (1000 mm)	3 GPM (12 l/m)	87 PSI (6 bar)
PD4330- * _	52-7101 * _	43" (1100 mm)	3 GPM (12 l/m)	174 PSI (12 bar)
PD3965- * _	52-7102 * _	39" (1000 mm)	6.5 GPM (25 l/m)	87 PSI (6 bar)
PD4365- * _	52-7103 * _	43" (1100 mm)	6.5 GPM (25 l/m)	174 PSI (12 bar)

\* Add to Model No. and Price Code No.:

**B** for Buna-N  
**T** for PTFE  
**V** for Viton

Discharge: 1 ½" (38.1 mm)  
Tube diameter: 2" (54 mm)  
Shipping weight: 20 lbs. (9 kg) for all units

\*\* Based on water



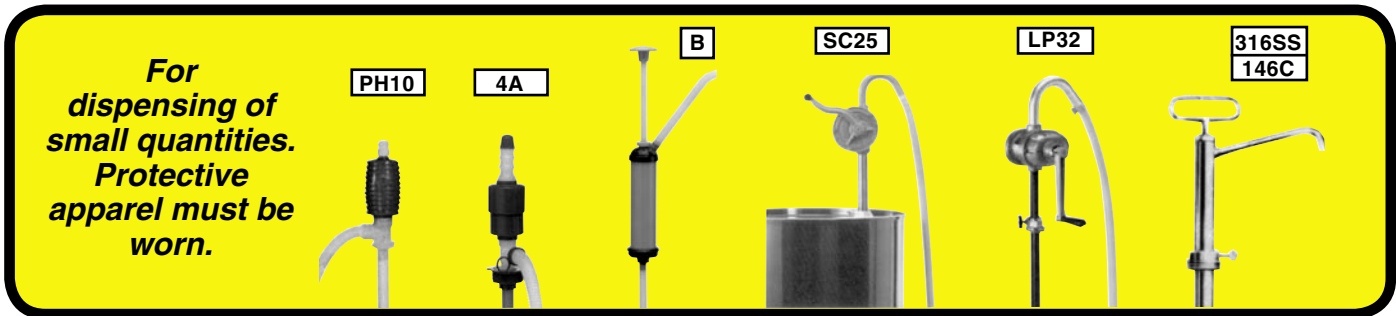
# SERFILCO, LTD.

1777 Shermer Road 847-559-1777  
 Northbrook, IL 60062-5360 U.S.A. 800-323-5431  
 Email: sales@serfilco.com FAX: 847-559-1995  
 Web: http://www.serfilco.com

BULK RATE  
 U.S. POSTAGE  
 PAID  
 NORTHBROOK, ILLINOIS  
 PERMIT NO. 2018

## BARREL & CONTAINER PUMPS

P-410  
 Page 8



### PLASTIC SYPHON PUMP

All polyethylene construction. Hand operated bellows. Fits 5-gal. cans, bottles or drums. Ideal for mild corrosive fluids at ambient temperatures. Top vent cap is syphon breaker. 16" long tube, 21" long hose.

MODEL	PRICE CODE NO.
PH10	56-0000A

### PLASTIC SYPHON PUMP

All polyethylene. Hand operated bellows and flexible discharge tube will syphon to a lower or pump to a higher level. For dispensing mild acids, caustics, light oils, waxes and disinfectants at ambient temperatures. Top vent cap is syphon breaker, 2" IPS threaded male adapter. 33" long tube, 46" long hose. For 15, 30 and 55 gal. drums. 5 GPM. Wt. 1 lb.

4A	56-0011C
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### PLASTIC PISTON PUMP

Constructed of polyethylene and polypropylene. Threads onto 2" and 3/4" NPT drum opening. With adjustable suction tube. For 15, 30 and 55 gal. drums.

B	56-0003
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F.O.B. Northbrook, Illinois

Specifications subject to change without notice

#### Registered Trademarks:

Hastelloy - Haynes, International; Viton - DuPont Dow Elastomers; Teflon, Tefzel - DuPont; Rytan - Phillips Chemical; Halar - Ausimont

*Metal pumps require grounding and bonding cables.  
 See ordering information on page 4.*

### ROTARY METAL PUMPS

Effortless syphon flow after priming with several turns. For 15, 30 or 55 gal. drums. Ideal for detergents and light oils. Pumps 6 GPM at 60 turns per min. 2" IPS threaded male adapter. Features Buna N gaskets.

MODEL	PRICE CODE NO.
SC25	56-0005A

Syphons 4 GPM after priming. Pumps 6 GPM @ 60 RPM. Cast iron. Wt. 14 lbs., 52"

LP32	56-0022
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Pumps 15 GPM @ 60 RPM. Aluminum. Wt. 14-1/2 lbs., 53"

### METAL PISTON PUMPS

Fits 15, 30 and 55 gal. containers. Includes 2" IPS threaded male adapter. Pumps 8 oz. on each upstroke.

316SS	56-0175
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316 stainless steel and PTFE for alkalis, mild acids.

146C	56-0010
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Chrome plated steel with polyethylene for non-corrosives, soaps, disinfectants.