

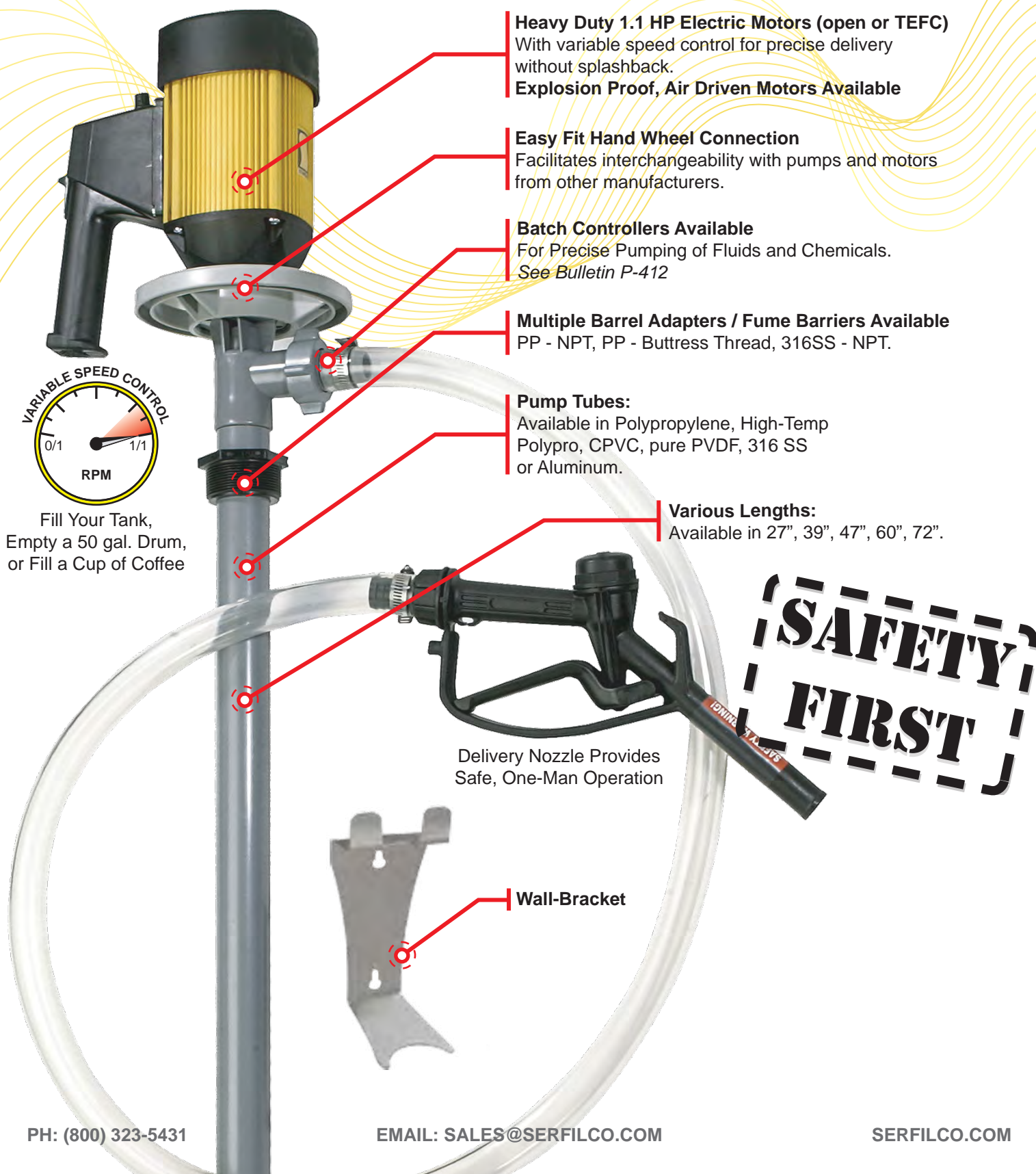


# SERFILCO®

Chemical resistant pumps & filters engineered for industry

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## SERIES 'DP': DRUM PUMPS



**Heavy Duty 1.1 HP Electric Motors (open or TEFC)**  
With variable speed control for precise delivery without splashback.  
**Explosion Proof, Air Driven Motors Available**

**Easy Fit Hand Wheel Connection**  
Facilitates interchangeability with pumps and motors from other manufacturers.

**Batch Controllers Available**  
For Precise Pumping of Fluids and Chemicals.  
*See Bulletin P-412*

**Multiple Barrel Adapters / Fume Barriers Available**  
PP - NPT, PP - Buttress Thread, 316SS - NPT.

**Pump Tubes:**  
Available in Polypropylene, High-Temp Polypro, CPVC, pure PVDF, 316 SS or Aluminum.

**Various Lengths:**  
Available in 27", 39", 47", 60", 72".

Delivery Nozzle Provides Safe, One-Man Operation

**Wall-Bracket**

**SAFETY FIRST**



# SERIES 'DP': DRUM PUMPS

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## PUMP PACKAGE 1 | Water Treatment Chemicals

Engineered to transfer corrosive chemicals associated with the Water Treatment industry. Common applications include: Sodium Hypochlorite, Potassium Hydroxide and Sodium Bromide.

Motor Type: ODP-S (IP44)  
Pump Assembly: CPVC  
Pump Length: 39" (1000mm) OR 47" (1200mm)  
Hose: 6 ft. (1.8m), I.D., 1" (25.4mm) PVC  
Dispensing Nozzle: 1" (25.4mm), Polypropylene  
Barrel Adapter: Polypropylene  
Storage Bracket: Stainless Steel  
Max. Flow Rate: 15 GPM ((57 LPM) Based on Water)  
Max. Pressure: 35 ft. (10.6m)  
Max. Viscosity: 1500 cps (mPas)  
Max. Temperature: 175°F (80°C)

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9430           | 115V    | 39"    |
| 52-9431           | 240V    |        |
| 52-9432           | 115V    | 47"    |
| 52-9433           | 240V    |        |

## PUMP PACKAGE 2 | Acids & Alkalis

Engineered to transfer corrosive liquids. Common applications include: Hydrochloric Acid, Nitric Acid (20%), Acetic Acid and Sulfuric Acid.

Motor Type: ODP-S (IP44)  
Pump Assembly: Polypropylene  
Pump Length: 39" (1000mm) OR 47" (1200mm)  
Hose: 6 ft. (1.8m), I.D., 1" (25.4mm) PVC  
Dispensing Nozzle: 1" (25.4mm), Polypropylene  
Barrel Adapter: Polypropylene  
Storage Bracket: Stainless Steel  
Max. Flow Rate: 15 GPM ((57 LPM) Based on Water)  
Max. Pressure: 35 ft. (10.6m)  
Max. Viscosity: 1500 cps (mPas)  
Max. Temperature: 130°F (55°C)

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9400           | 115V    | 39"    |
| 52-9401           | 240V    |        |
| 52-9402           | 115V    | 47"    |
| 52-9403           | 240V    |        |

## PUMP PACKAGE 3 | Concentrated Acids & Alkalis

Engineered to transfer very concentrated and extremely aggressive liquids. Common applications include: Sulfuric Acid 66 Baumé, Propionic Acid, Concentrated Nitric (98%) and Hydrofluoric Acid.

Motor Type: ENC-S (IP54)  
Pump Assembly: PVDF  
Pump Length: 39" (1000mm) OR 47" (1200mm)  
Hose: 6 ft. (1.8m), I.D., 1" (25.4mm) Goodyear® Viper 16™  
Dispensing Nozzle: 1" (25.4mm), PVDF  
Barrel Adapter: Polypropylene  
Storage Bracket: Stainless Steel  
Max. Flow Rate: 15 GPM ((57 LPM) Based on Water) 35 ft. (10.6m)  
Max. Viscosity: 1500 cps (mPas)  
Max. Temperature: 175°F (80°C)

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9420           | 115V    | 39"    |
| 52-9421           | 240V    |        |
| 52-9422           | 115V    | 47"    |
| 52-9423           | 240V    |        |



# SERIES 'DP': DRUM PUMPS

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## PUMP PACKAGE 4 | Acids & Alkalis Measurement

Engineered to transfer corrosive chemicals associated with the Water Treatment Industry. Common applications include: Sodium Hypochlorite, Potassium Hydroxide and Sodium Bromide.

|                    |                                     |
|--------------------|-------------------------------------|
| Motor Type:        | ODP-S (IP44)                        |
| Pump Assembly:     | Polypropylene                       |
| Pump Length:       | 39" (1000mm) OR 47" (1200mm)        |
| Hose:              | 6 ft. (1.8m), I.D., 1" (25.4mm) PVC |
| Dispensing Nozzle: | 1" (25.4mm), Polypropylene          |
| Flow Meter:        | Digital / Polypropylene totalizer   |
| Barrel Adapter:    | Polypropylene                       |
| Storage Bracket:   | Stainless Steel                     |
| Max. Flow Rate:    | 13.5 GPM ((51 LPM) Based on Water)  |
| Max. Pressure:     | 35 ft. (10.6m)                      |
| Max. Viscosity:    | 300 cps (mPas)                      |
| Max. Temperature:  | 130°F (55°C)                        |

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9500           | 115V    | 39"    |
| 52-9501           | 240V    |        |
| 52-9502           | 115V    | 47"    |
| 52-9503           | 240V    |        |



## PUMP PACKAGE 5 | Concentrated Acids & Alkalis Measurement

Unique design allows operators to safely measure and transfer concentrated and very aggressive liquids. Common applications include: Sulfuric Acid 66 Baumè, Propionic Acid, Concentrated Nitric (98%), and Hydrofluoric Acid.

|                    |   |
|--------------------|---|
| Motor Type:        | ENC-S (IP54)  |
| Pump Assembly:     | PVDF  |
| Pump Length:       | 39" (1000mm) OR 47" (1200mm)                        |
| Hose:              | 6 ft. (1.8m), I.D., 1" (25.4mm) Goodyear® Viper 16™ |
| Dispensing Nozzle: | 1" (25.4mm), PVDF                                   |
| Flow Meter:        | Digital / PVDF totalizer                            |
| Barrel Adapter:    | Polypropylene                                       |
| Storage Bracket:   | Stainless Steel                                     |
| Max. Flow Rate:    | 16 GPM ((61 LPM) Based on Water)                    |
| Max. Pressure:     | 35 ft. (10.6m)                                      |
| Max. Viscosity:    | 300 cps (mPas)                                      |
| Max. Temperature:  | 175°F (80°C)  |

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9510           | 115V    | 39"    |
| 52-9511           | 240V    |        |
| 52-9512           | 115V    | 47"    |
| 52-9513           | 240V    |        |



## PUMP PACKAGE 6 | Mineral Acids

Engineered to transfer mineral acids and suitable chemicals. Applications include: Light machining oils, transmission fluid, etc.

|                    |                                     |
|--------------------|-------------------------------------|
| Motor Type:        | ODP-S (IP44)                        |
| Pump Assembly:     | SS 316                              |
| Pump Length:       | 39" (1000mm) OR 47" (1200mm)        |
| Hose:              | 6 ft. (1.8m), I.D., 1" (25.4mm) PVC |
| Dispensing Nozzle: | 1" (25.4mm), SS 316                 |
| Barrel Adapter:    | Stainless Steel                     |
| Storage Bracket:   | Stainless Steel                     |
| Max. Flow Rate:    | 21 GPM ((79 LPM) Based on Water)    |
| Max. Pressure:     | 35 ft. (10.6m)                      |
| Max. Viscosity:    | 1500 cps (mPas)                     |
| Max. Temperature:  | 175°F (80°C)                        |

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9414           | 115V    | 39"    |
| 52-9415           | 240V    |        |
| 52-9416           | 115V    | 47"    |
| 52-9417           | 240V    |        |





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## PUMP PACKAGE 7 | Non-Corrosive Liquids

Engineered to transfer light oils, automotive fluids and lubricants. Applications include: Light machining oils, hydraulic fluid, motor oil, antifreeze, lubricating oil etc.

|                    |                                     |
|--------------------|-------------------------------------|
| Motor Type:        | ODP-S (IP44)                        |
| Pump Assembly:     | Aluminum                            |
| Pump Length:       | 39" (1000mm) OR 47" (1200mm)        |
| Hose:              | 6 ft. (1.8m), I.D., 1" (25.4mm) PVC |
| Dispensing Nozzle: | 1" (25.4mm), Polypropylene          |
| Barrel Adapter:    | Stainless Steel                     |
| Storage Bracket:   | Stainless Steel                     |
| Max. Flow Rate:    | 22 GPM ((83 LPM) Based on Water)    |
| Max. Pressure:     | 35 ft. (10.6m)                      |
| Max. Viscosity:    | 1500 cps (mPas)                     |
| Max. Temperature:  | 175°F (80°C)                        |

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9460           | 115V    | 39"    |
| 52-9461           | 240V    |        |
| 52-9462           | 115V    | 47"    |
| 52-9463           | 240V    |        |



## PUMP PACKAGE 8 | Flammable and Combustible Liquids



Explosion Proof Drum Pump (Air) is a safe solution for transferring flammable or combustible liquids and meets the safety requirements of the Chemical Processing Industry. Applications include: Alcohol, Isopropyl Ether, Gasoline, Solvents, Aqueous Ammonia, Petroleum Products, Xylene, Toluene.

|                    |  |
|--------------------|--|
| Motor Type:        | AIR  |
| Pump Assembly:     | SS 316                                       |
| Pump Length:       | 39" (1000mm) OR 47" (1200mm)                 |
| Hose:              | 6 ft. (1.8m), I.D., 1" (25.4mm) Solvent Hose |
| Dispensing Nozzle: | 1" (25.4mm), SS 316                          |
| Barrel Adapter:    | Stainless Steel                              |
| Storage Bracket:   | Stainless Steel                              |
| Max. Flow Rate:    | 30 GPM ((114 LPM) Based on Water)            |
| Max. Pressure:     | 35 ft. (10.6m)                               |
| Max. Viscosity:    | 450 cps (mPas)                               |
| Max. Temperature:  | 175°F (80°C)                                 |

| PRICE CODE NUMBER | LENGTH |
|-------------------|--------|
| 52-9905           | 39"    |
| 52-9907           | 47"    |



## PUMP PACKAGE 9 | Flammable and Combustible Liquids



Engineered to transfer mineral acids and suitable chemicals. Applications include: light machining oils, transmission fluid, etc.

|                    |  |
|--------------------|--|
| Motor Type:        | EXP (IP 55)                                  |
| Pump Assembly:     | SS 316                                       |
| Pump Length:       | 39" (1000mm) OR 47" (1200mm)                 |
| Hose:              | 6 ft. (1.8m), I.D., 1" (25.4mm) Solvent Hose |
| Dispensing Nozzle: | 1" (25.4mm), SS 316                          |
| Barrel Adapter:    | Stainless Steel                              |
| Storage Bracket:   | Stainless Steel                              |
| Max. Flow Rate:    | 18 GPM ((68 LPM) Based on Water)             |
| Max. Pressure:     | 35 ft. (10.6m)                               |
| Max. Viscosity:    | 300 cps (mPas) 115V<br>750 cps (mPas) 240V   |
| Max. Temperature:  | 175°F (80°C)                                 |

| PRICE CODE NUMBER | VOLTAGE | LENGTH |
|-------------------|---------|--------|
| 52-9920           | 115V    | 39"    |
| 52-9921           | 240V    |        |
| 52-9922           | 115V    | 47"    |
| 52-9923           | 240V    |        |



# SERIES 'DP': DRUM PUMPS

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## ORDER INFORMATION

### PP: Polypropylene Applications

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)

**⚠ NOT FOR USE WITH FLAMMABLE LIQUIDS.**

### CK: CPVC / PVDF Applications

Used for pumping aggressive solutions such as sodium hypochlorite or for higher temperature applications where polypropylene is not suitable.

Maximum liquid temperature: 175°F (80°C)

**⚠ NOT FOR USE WITH FLAMMABLE LIQUIDS.**

### KY: PVDF Applications

Capable of pumping highly aggressive solutions which are not compatible with other thermoplastics.

Maximum liquid temperature: 175°F (80°C)

**⚠ NOT FOR USE WITH FLAMMABLE LIQUIDS.**

### SS316: 316 Stainless Applications

Most solvents and organic acids, as well as salt solutions, nitrous acids, dyes, all alkalies and potable liquids. All components are polished for a quality finish.

Maximum liquid temperature: 175°F (80°C)

**⚠ WARNING: When pumping flammable or combustible liquids, pump tube must be used in conjunction with an explosion proof motor.**

### PPP: High-Temp Poly Applications

Engineered for transferring high temperature corrosive liquids. Robust PPP Polypropylene ensures chemical resistance and excellent heat deflection against light to mildly aggressive liquids.

Maximum liquid temperature: 175°F (80°C)

**⚠ NOT FOR USE WITH FLAMMABLE LIQUIDS.**

### AL: Aluminum Applications

For transferring non-corrosive liquids such as machining lubricants and light oils.

Maximum liquid temperature: 175°F (80°C)

**⚠ WARNING: When pumping flammable or combustible liquids, pump tube must be used in conjunction with an explosion proof motor.**

### POLYPROPYLENE DRUM PUMPS

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION                           | IMMERSION LENGTH | DIA (Ø)      | FOR HOSE SIZE** |
|-------------------|-------------------|---|------------------|--------------|-----------------|
| PP8327-1          | 52-1008           | Polypropylene w/ Hastelloy®<br>C276, PTFE<br>Carbon | 27" (690mm)      | 1.61" (41mm) | 1.0" (25.4mm)   |
| PP8339-1          | 52-1000           |   | 39" (1000mm)     |              |                 |
| PP8347-1          | 52-1001           |   | 47" (1200mm)     |              |                 |
| PP8360-1          | 52-1003           |   | 60" (1525mm)     |              |                 |
| PP8372-1          | 52-1005           |   | 72" (1825mm)     |              |                 |

### CPVC / PVDF DRUM PUMPS

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION                           | IMMERSION LENGTH | DIA (Ø)      | FOR HOSE SIZE** |
|-------------------|-------------------|---|------------------|--------------|-----------------|
| CK8327-1          | 52-5200           | CPVC and PVDF w/ Hastelloy®<br>C276, PTFE<br>Carbon | 27" (690mm)      | 1.61" (41mm) | 1.0" (25.4mm)   |
| CK8339-1          | 52-5201           |   | 39" (1000mm)     |              |                 |
| CK8347-1          | 52-5202           |   | 47" (1200mm)     |              |                 |
| CK8360-1          | 52-5203           |   | 60" (1525mm)     |              |                 |
| CK8372-1          | 52-5204           |   | 72" (1825mm)     |              |                 |

### PVDF DRUM PUMPS

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION                          | IMMERSION LENGTH | DIA (Ø)      | FOR HOSE SIZE** |
|-------------------|-------------------|--|------------------|--------------|-----------------|
| KY8327-1          | 52-4004           | Natural PVDF w/ Hastelloy®<br>C276, PTFE<br>Carbon | 27" (690mm)      | 1.61" (41mm) | 1.0" (25.4mm)   |
| KY8339-1          | 52-4000           |  | 39" (1000mm)     |              |                 |
| KY8347-1          | 52-4001           |  | 47" (1200mm)     |              |                 |
| KY8360-1          | 52-4002           |  | 60" (1525mm)     |              |                 |
| KY8372-1          | 52-4003           |  | 72" (1825mm)     |              |                 |

### STAINLESS STEEL DRUM PUMPS

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION         | IMMERSION LENGTH | DIA (Ø)        | FOR HOSE SIZE** |
|-------------------|-------------------|-----------------------------------|------------------|----------------|-----------------|
| SS8327-1          | 52-2050-27        | 316 Stainless Steel, PTFE, Carbon | 27" (686mm)      | 1.5" (38.1 mm) | 1.0" (25.4mm)   |
| SS8339-1          | 52-2050-39        |                                   | 39" (1000mm)     |                |                 |
| SS8347-1          | 52-2050-47        |                                   | 47" (1200mm)     |                |                 |
| SS8360-1          | 52-2050-60        |                                   | 60" (1525mm)     |                |                 |
| SS8372-1          | 52-2050-72        |                                   | 72" (1825mm)     |                |                 |

### HIGH-TEMP POLY DRUM PUMPS

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION                          | IMMERSION LENGTH | DIA (Ø)      | FOR HOSE SIZE** |
|-------------------|-------------------|--|------------------|--------------|-----------------|
| PPP8339-1         | 52-6001           | High-Temp PP w/ Hastelloy®<br>C276, PTFE<br>Carbon | 39" (1000mm)     | 1.61" (41mm) | 1.0" (25.4mm)   |

### ALUMINUM DRUM PUMPS

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION      | IMMERSION LENGTH | DIA (Ø)        | FOR HOSE SIZE** |
|-------------------|-------------------|--------------------------------|------------------|----------------|-----------------|
| AL8327-1          | 52-7050-27        | Aluminum 316SS<br>PTFE, Carbon | 27" (690mm)      | 1.50" (38.1mm) | 1.0" (25.4mm)   |
| AL8339-1          | 52-7050-39        |                                | 39" (1000mm)     |                |                 |
| AL8347-1          | 52-7050-47        |                                | 47" (1200mm)     |                |                 |
| AL8360-1          | 52-7050-60        |                                | 60" (1525mm)     |                |                 |
| AL8372-1          | 52-7050-72        |                                | 72" (1825mm)     |                |                 |

\* For high head pump - Add H to Model Number and Price Code Number

\*\* For 3/4" hose connections, consult Sales Department

All pumps are provided with a 1" Stainless Steel Hose Clamp.  
Stainless Steel Models also include bonding and grounding cables.

Registered Trademarks: • Viton - DuPont Dow Elastomers • Teflon - DuPont • Hastelloy - Haynes, International

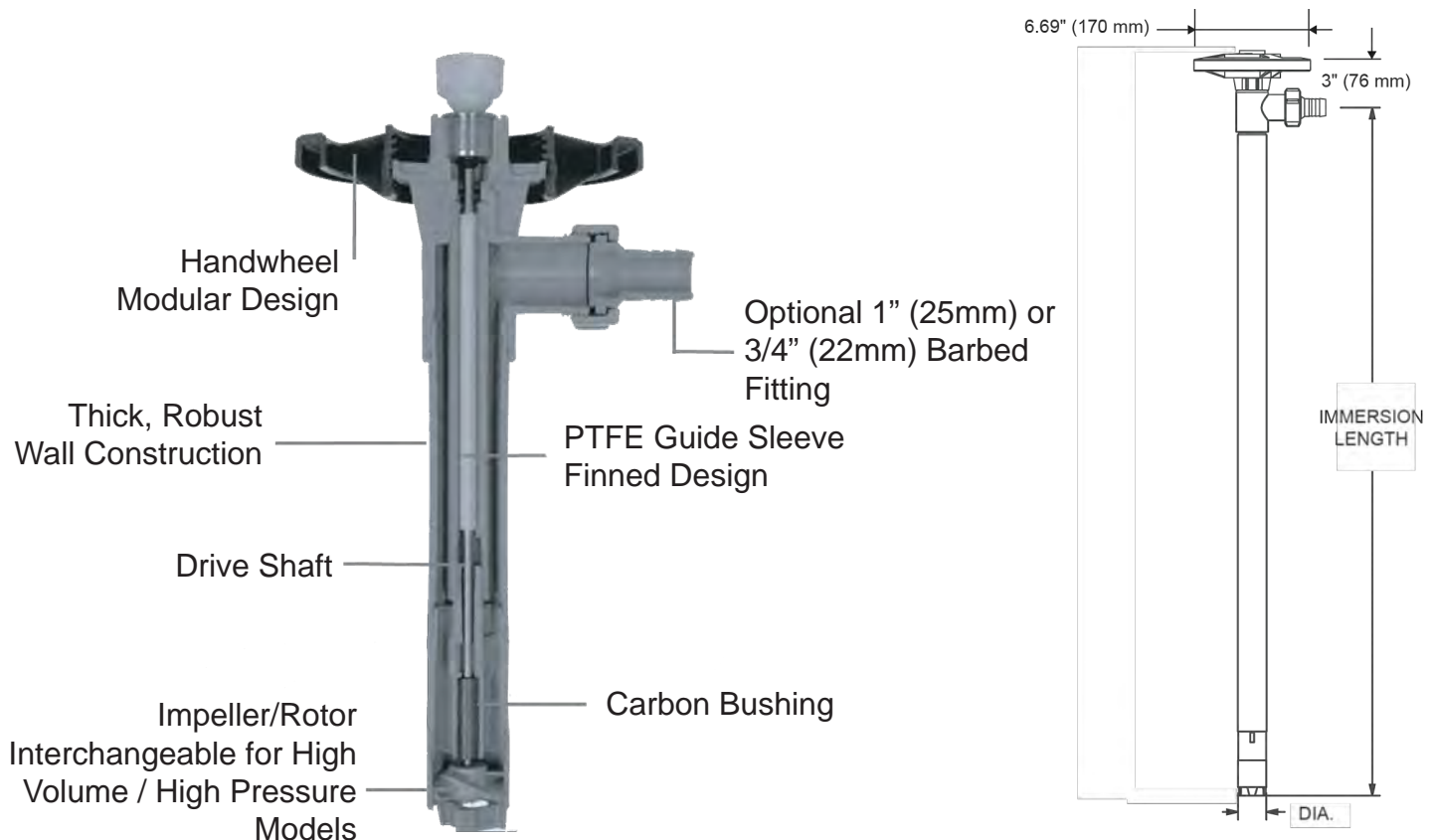
PH: (800) 323-5431

EMAIL: SALES@SERFILCO.COM

SERFILCO.COM



# SERIES 'DP': DRUM PUMPS



## SA: SANITARY SERIES PUMP TUBES



The Sanitary Series pump is engineered to transfer low viscosity food products, pharmaceutical materials and personal care solutions from drums, ToteTanks® and kettles. The pumps' wetted components are constructed with FDA compliant materials which provide an ideal solution for sanitary applications.

Note: Pump is constructed of FDA compliant materials; however, the system does not have FDA Certification.

### SANITARY PUMP TUBES

| PUMP MODEL NUMBER | PRICE CODE NUMBER | MATERIALS OF CONSTRUCTION | IMMERSION LENGTH | DIA (Ø)   | FOR HOSE SIZE** |
|-------------------|-------------------|---------------------------|------------------|-----------|-----------------|
| SA8339-1          | 52-8200           | 316SS, PTFE,              | 39" (1000mm)     | 1.5"      | 1.0"            |
| SA8347-1          | 52-8201           | BUNA                      | 47" (1200mm)     | (38.1 mm) | (25.4mm)        |

\* For high head pump - Add 'H' to Model Number and Price Code No.

Maximum Viscosity: 1,000 CPS (mPAS)

Maximum Liquid Temp: 175°F (80°C)

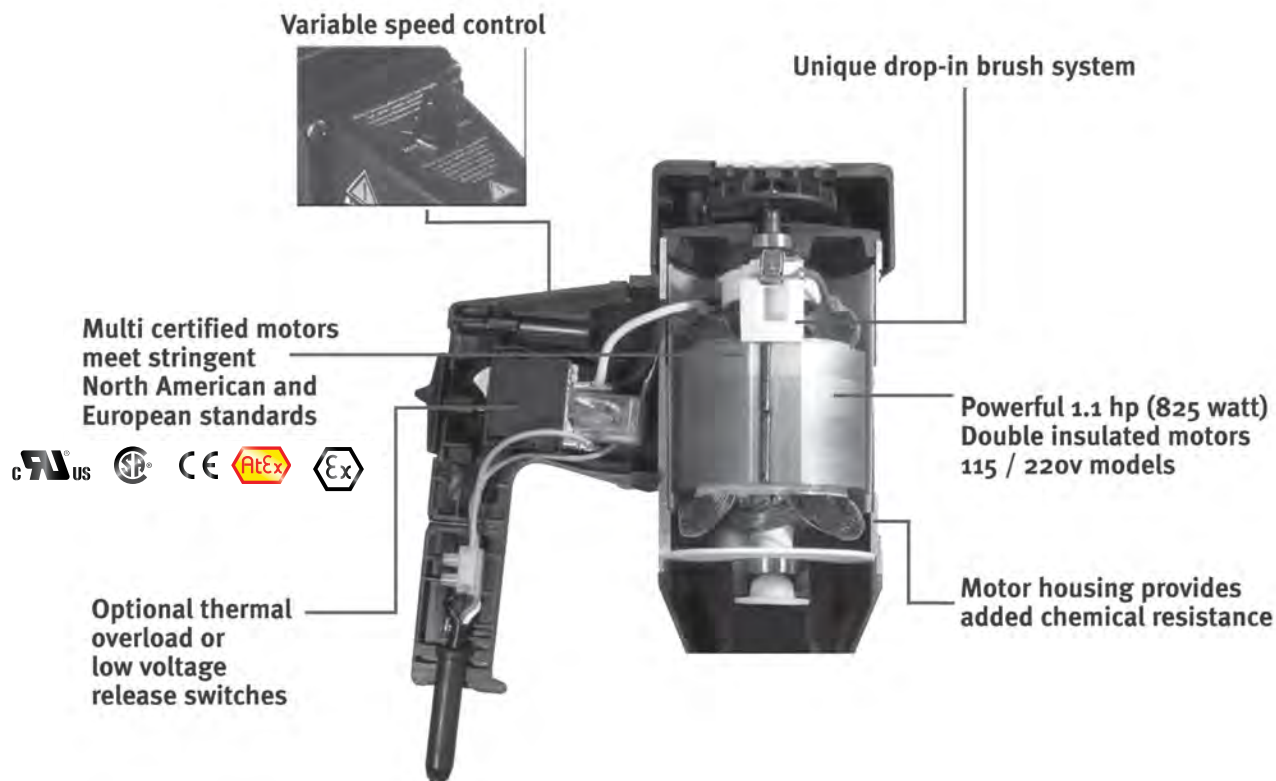
Note: Pump is intended for intermittent use when operating at maximum viscosity



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## DRUM PUMP MOTORS



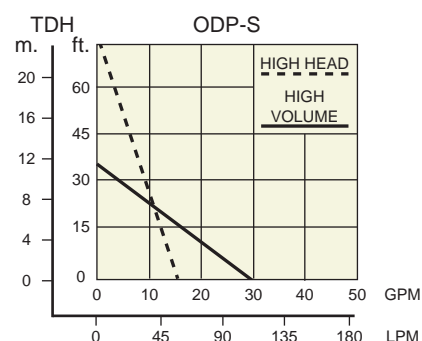
## ORDER INFORMATION

### 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. Includes 16ft. cord w/ molded plug for viscosities up to 1500 cps, or S.G to 1.8.

Weight: 8.8 lbs. (4kg)

| MODEL NUMBER | PRICE CODE NO. | MOTOR VOLTAGE    |
|--------------|----------------|------------------|
| ODP-S-115    | 52-8000        | 110-120V/1/50-60 |
| ODP-S-240    | 52-8001        | 230-240V/V/50-60 |



**⚠ NOT SUITABLE FOR PUMPING FLAMMABLE OR COMBUSTIBLE FLUIDS**

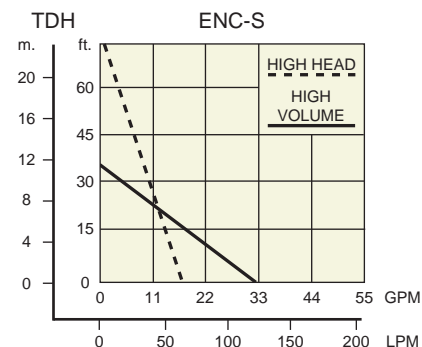
### ODP-S



### 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. Includes 16' cord w/ molded plug. For viscosities up to 1500 cps, or specific gravity up to 1.8.

| MODEL NUMBER | PRICE CODE NO. | MOTOR VOLTAGE    |
|--------------|----------------|------------------|
| ENC-S-115    | 52-3000        | 110-120V/1/50-60 |
| ENC-S-240    | 52-3001        | 230-240V/V/50-60 |



**⚠ NOT SUITABLE FOR PUMPING FLAMMABLE OR COMBUSTIBLE FLUIDS**

### ENC-S





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## ORDER INFORMATION cont.

### EXP-UL EXPLOSION-PROOF MOTOR



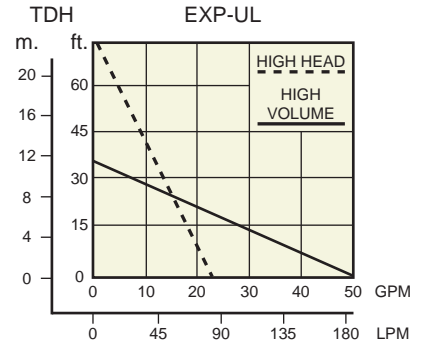
.83 HP (620 watts input/450 watt output). Explosion-proof motor in aluminum housing. C.S.A. and U.L. listed Class 1, groups C and D. Thermal overload protection, automatic reset. Includes 16' cord, no plug. For Viscosities up to 750 cps, or S.G up to 1.8. includes grounding cable.

Weight: 20.0 lbs. (9.5kg)

| MODEL NUMBER | PRICE CODE NO. | MOTOR VOLTAGE |
|--------------|----------------|---------------|
| EXP-UL-115   | 55-0744        | 120V/1/50-60  |



**SEE WARNING BELOW**



### SP-430EX / SP-440EX EXPLOSION-PROOF MOTOR

SP-430EX  
SP-440EX



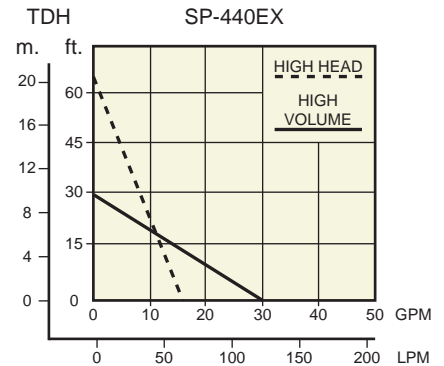
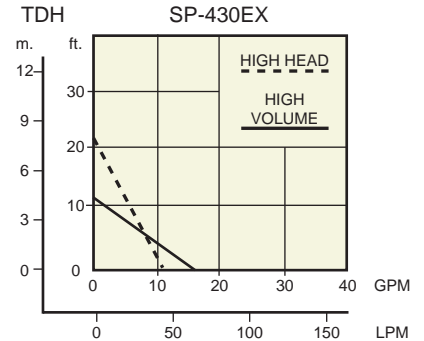
Explosion proof (IP 55) Enclosure.  
Thermal overload protection.  
12' power cord, no plug.  
Weight: 15 lbs. (6.8 kg)

SP-430EX: 1.3 HP (1000 watts), 0-12,000 RPM (Variable Speed)  
SP-440EX: 1.3 HP (1000 watts), 0-12,000 RPM (Variable Speed)

| MODEL NUMBER | PRICE CODE NO. | MOTOR VOLTAGE      |
|--------------|----------------|--------------------|
| SP-430EX     | 52-3102        | 110-120V/1/50-60Hz |
| SP-440EX     | 52-3103        | 220-240V/1/50-60Hz |



**SEE WARNING BELOW**



AIR

### AIR DRIVEN MOTOR

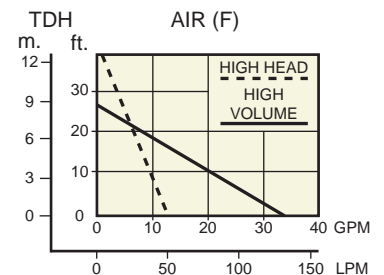


.73 HP (550 watts), 28 cu. ft./min. @ 90 PSI, 10,000 RPM. Aluminum motor housing is plastisol coated to prevent sparking. Includes muffler, filter, and trigger valve for flow control. For viscosities to 750 cps or specific gravity to 1.75. Air Line filter, PSI regulator, and automatic oiler recommended.

Weight: 3.5 lbs. (1.6 kg)

| MODEL NUMBER | PRICE CODE NO. | TRIGGER LOCK |
|--------------|----------------|--------------|
| AIR          | 52-0100        | NO           |
| AIR          | 52-0101        | YES          |

**SEE WARNING BELOW**



WARNING: Pumping of flammables or combustible liquids can generate a static electric discharge, causing fire or explosion resulting in injury or death. Read and understand operating instructions before starting this unit. Follow all federal, state and local safety codes including NFPA30 - NFPA77. Prior to connecting to air supply, install bond and ground wires and check continuity of each wire. A meter reading of one ohm or less is required for safe liquid transfer. Use only metallic drum, receiving vessel and metallic pump (SP-6600 or SP-7600) when pumping flammables. Air motors are not recognized under any current Underwriter's Laboratory listing program. Consult a qualified engineer for suitability for use in a hazardous area or on flammables.

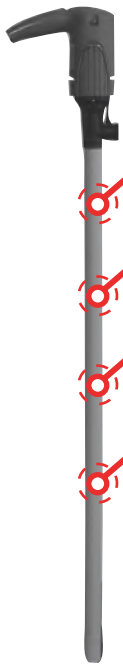




# SERIES 'DP': DRUM PUMPS

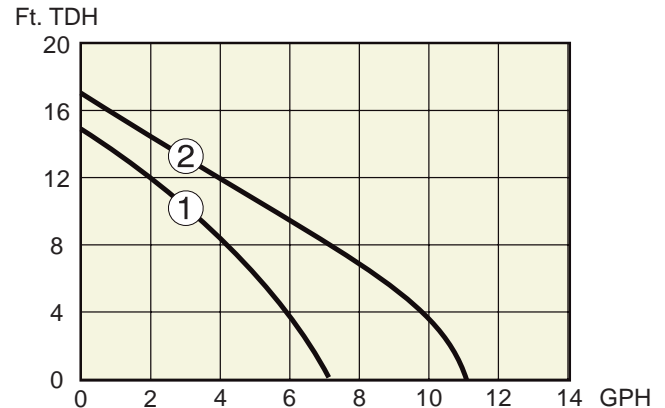
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## LABORATORY DRUM PUMP



- Versatile and lightweight pump for the transfer of acids or alkalis from glass carboys and similar containers.
- Pump can handle liquids to 250 cps.
- Motor is 160 watt with built-in overload and manual reset for safety.
- Includes 16' cord with molded plug, 6' of 1/2" vinyl hose, and polypropylene flow nozzle.

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



| MODEL NO.    | PRICE CODE NO. | CURVE | CONSTRUCTION MATERIALS                             | LENGTH (Inches) | ØDIA  | HOSE (Inches) | MAX TEMP °F | WATT MOTOR   | WEIGHT (LBS) |
|--------------|----------------|-------|--|-----------------|-------|---------------|-------------|--------------|--------------|
| PP8327-1-110 | 55-9000        | 1     | Carbon<br>Viton®<br>Ceramic<br>ETFE<br>Hastelloy®C | 27"             | 1     | 1/2 - 3/4     | 115         | 110V/1/50-60 | 9.5          |
| PP8327-2-110 | 55-9001        | 2     |  |                 | 1-1/4 |               |             | 110V/1/50-60 |              |
| PP8327-2-220 | 55-9002        | 2     |  |                 | 1-1/4 |               |             | 220V/1/50-60 |              |
| PP8339-1-110 | 55-9003        | 1     |  | 39"             | 1     | 1/2 - 3/4     |             | 110V/1/50-60 | 10           |
| PP8339-1-220 | 55-9004        | 1     |  |                 | 1     |               |             | 220V/1/50-60 |              |
| PP8339-2-110 | 55-9005        | 2     |  |                 | 1-1/4 |               |             | 110V/1/50-60 |              |
| PP8339-2-220 | 55-9006        | 2     |  |                 | 1-1/4 |               |             | 220V/1/50-60 |              |

## ACCESSORIES

### GROUND-BOND CABLE KIT

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 an explosion.

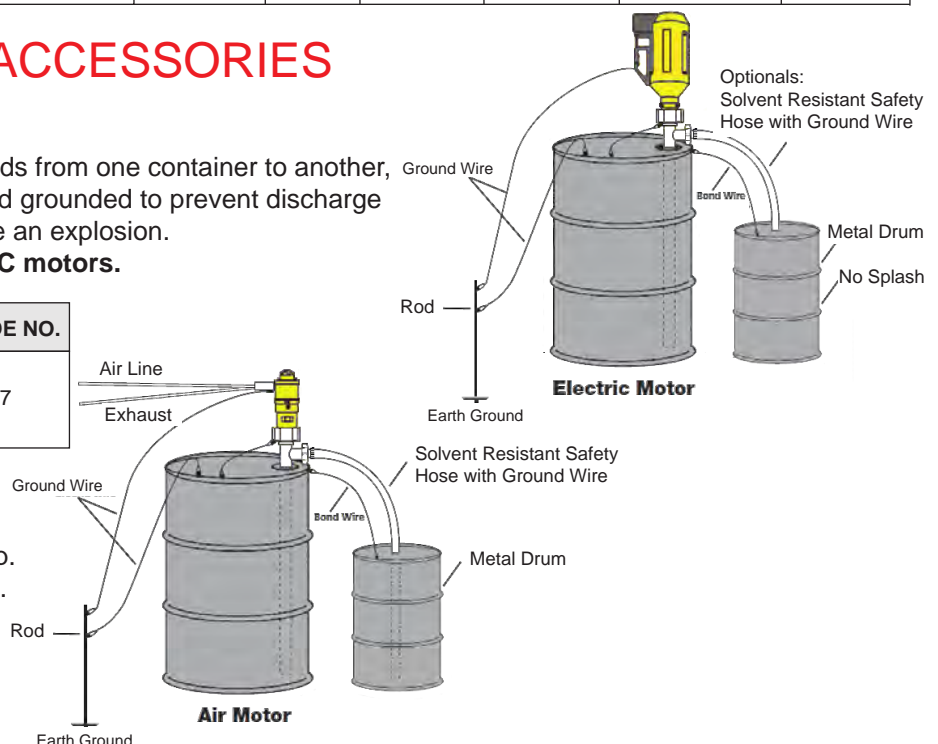
**\*Not for use with plastic pumps or ODP/ENC motors.**

| DESCRIPTION  | PRICE CODE NO. |
|--|----------------|
| 2 ground cables, 6' long w/ clamps.<br>1 bond cable, 10' long w/ clamps.<br>1 ground cable, 1' long w/ clamp for drum. | 55-0247        |

### WALL BRACKET 304 Stainless Steel

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

| PRICE CODE NO. |
|----------------|
| 55-0265        |





# SERIES 'DP': DRUM PUMPS

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## ACCESSORIES cont.

| DISCHARGE HOSE                                     | DESCRIPTION   | PRICE CODE NO. |
|--|---|----------------|
| Clear PVC  | Per foot<br>1" I.D x 1.25" O.D. (25mm x 32mm)<br>150°F (66°C) / 30 psi (2.1 bar)  | 55-0274        |
| Clear PVC<br>• Nylon Reinforced                    | Per foot<br>1" I.D x 1.25" O.D. (25mm x 32mm)<br>150°F (66°C) / 75 psi (5.2 bar)  | 22-0432        |
| Goodyear® FABCHEM™<br>• WHMW Polyethylene          | Per foot<br>1" I.D x 1.47" O.D. (25mm x 37mm)<br>150°F (66°C) / 200 psi (14 bar)<br>For Flammable / Combustible Liquids | 52-9034        |
| Goodyear® VIPER 16™<br>• Cross-Linked Polyethylene | Per foot<br>1" I.D x 1.45" O.D. (25mm x 36mm)<br>250°F (121°C) / 200 psi (14 bar)                                       | 52-9044        |
| Stainless Steel Flex Hose                          | 3/4" FNPT x 3/4" MNPT x 8' Long   | 22-0539-A      |
| Discharge Adapter 316SS                            | 3/4" MNPT   | 55-6095        |
| PTFE Ribbed Hose                                   | 1" I.D. (25mm) x 8' Long  | 22-0463        |

### HAND NOZZLE

Provides controlled dispensing of liquid without splashing for safe chemical transfer. Ideal for dispensing to small containers, the nozzle features full one inch flow-through for maximum flow and allows hand held squeeze control for corrosive applications.



52-0017

| DESCRIPTION            | PRICE CODE NO. |
|------------------------|----------------|
| Polypropylene / Viton® | 52-0017        |
| 316SS / PFTE           | 52-0017-S      |
| PVDF / Viton®          | 52-0017-K      |
| Aluminum / Buna        | 52-0017-A      |

### SUCTION STRAINER

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



55-0282-A

| DESCRIPTION         | PRICE CODE NO.                       |
|---------------------|--------------------------------------|
| Polypropylene       | 55-0282-A                            |
| 316 Stainless Steel | 55-0283-A (43mm)<br>55-0283-B (39mm) |
| PVDF                | 55-0284                              |

### BARREL ADAPTERS / FUME BARRIERS

Provides controlled dispensing of liquid without splashing for safe chemical transfer. Ideal for dispensing to small containers, the nozzle features full one inch flow-through for maximum flow and allows hand held squeeze control for corrosive applications.



99-0107-A



99-0108-A



99-0157

| BARREL ADAPTERS       | PRICE CODE NO. |
|-----------------------|----------------|
| PP 2" NPT             | 99-0107-A      |
| PE 2" BUTTRESS THREAD | 99-0108-A      |
| 316SS 2" NPT          | 99-0157        |

| FUME BARRIERS    | PRICE CODE NO. |
|------------------|----------------|
| PP / EPDM 2" NPT | 52-9018        |
| SS / EPDM 2" NPT | 52-8804        |