



***For point-of-use dispensing chemicals used for:
PLATING / PHARMACEUTICAL / INDUSTRIAL / PETROLEUM PRODUCTS
and other stringent applications***



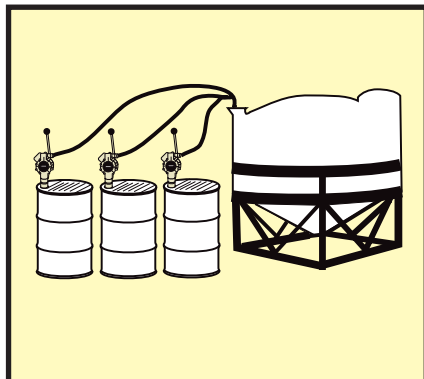
A tough, quality engineered pump

- **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.
- **TAMPER PROOF HANDLE**
Can be padlocked to protect against unauthorized use.
- **SELF-LUBRICATING PTFE PISTON RING**
Operates wet or dry for long life

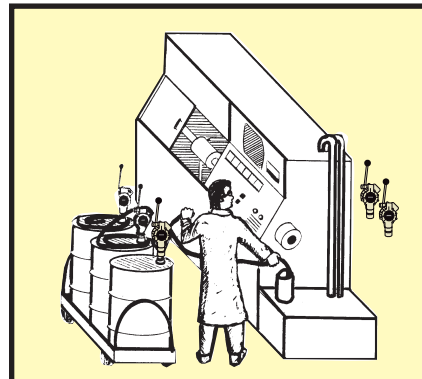
Designed for the transfer or dispensing of concentrates, additives or other liquids which are purchased in bulk but are used in small quantities. This low cost pump delivers one pint per stroke or one quart with the forward and back push/pull of the handle. The variety of materials of construction enables the user to select those which are specifically required for his individual needs according

to chemical resistance charts. The use of this pump eliminates having to pour from one container to another and avoids costly and hazardous spilling and splashing.

***See following page for specifications
and ordering information.***



**Liquid transfer
for batch mixing.**



**Low cost permits use of
multiple pumps to avoid
cross-contamination.**



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.

TO ORDER, use Price Code Number
*Select pump from chart below and add discharge hose
 and suction tube to complete assembly*

PUMP

| MODEL | MATERIALS OF CONSTRUCTION | "O"-RING | GASKET | PRICE CODE NO. |
|-------------------|--|-------------------------|-------------------------------|-------------------------------|
| HPV HPN HPE | POLYESTER (glass reinforced) - housing, cover plate, piston, valves and bung adapter | VITON® VITON EPDM | VITON CORK-NITRILE EPDM | 59-0001 59-0002 59-0003 |
| HRV HRN HRE | RYTON® (glass reinforced) - housing, cover plate, ECTFE piston, valves and bung adapter | VITON VITON EPDM | VITON CORK-NITRILE EPDM | 59-0004 59-0005 59-0006 |

All models have 316 stainless steel piston rod, fasteners and suction screen in contact with liquid. All pumps include a 2" NPT bung adapter.

HOSES & SUCTION TUBE

| MODEL | DESCRIPTION | PRICE CODE NO. |
|--|--|----------------|
| 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 |

| MODEL | DESCRIPTION | PRICE CODE NO. |
|---|---|----------------|
| 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#, 34" long w/ECTFE coupling | -C |
| -E | 1 pc. 3/4" PVC flexible, 35" long (prevents tearing of drum liners) | -E |

#Ultra High Molecular Weight polyethylene

OPTIONAL EQUIPMENT

| MODEL | DESCRIPTION | PRICE CODE NO. |
|--|--|----------------|
| 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 |

WALL BRACKET

55-7149

Registered trademarks: Teflon, Viton- DuPont Dow Elastomers; Rytion- Phillips Chemical



SAFETY PRECAUTIONS

Plastic pumps are not designed nor intended to be used for transferring flammable or explosive liquids. Only metallic pumps which can be grounded and bonded should be used for this purpose. Refer to a chemical resistance data chart for compatibility of materials with liquids to be pumped. Always wear protective safety clothing such as gloves, apron and goggles.



For dispensing of small quantities.



**PROTECTIVE APPAREL
MUST BE WORN.**

| MODEL | PRICE CODE NO. |
|-------|----------------|
|-------|----------------|

PLASTIC SYPHON PUMP

| | |
|------|----------|
| PH10 | 56-0000A |
|------|----------|

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

PLASTIC SYPHON PUMP

| | |
|----|----------|
| 4A | 56-0011C |
|----|----------|

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.

PLASTIC PISTON PUMP

| | |
|---|---------|
| B | 56-0003 |
|---|---------|

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.

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.

Syphons 4 GPM after priming;
Pumps 6 GPM @ 60 RPM.
Cast iron. Wt. 14 lbs., 52"
Pumps 15 GPM @ 60 RPM.
Aluminum. Wt. 14-1/2 lbs., 53"

| | |
|------|----------|
| SC25 | 56-0005A |
|------|----------|

| | |
|------|---------|
| LP32 | 56-0022 |
|------|---------|

METAL PISTON PUMPS

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

316 stainless steel and PTFE for alkalis, mild acids.

| | |
|-------|---------|
| 316SS | 56-0175 |
|-------|---------|

Chrome plated steel with polyethylene for non-corrosives, soaps, disinfectants.

| | |
|------|---------|
| 146C | 56-0010 |
|------|---------|

OPTIONAL

GROUND-BOND CABLE KIT

For use with metal pumps and containers to prevent static discharge. 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.

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