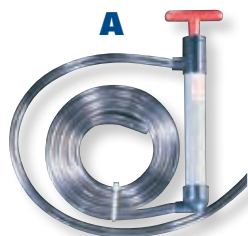


Plastic Hand-Operated Drum Pumps

No need for electricity

– Ideal for most acid/base or ionic salt applications



06437-00



06433-60



Adapters for B

06433-66 06433-62

06433-64 06433-68



06437-10



70607-20



70607-00



06425-05



06433-20



06433-30



06433-40

A. Siphon/Lift Pail Pump

- Suitable for pumping petroleum products or water
- Cut inlet tube to fit your container
- Maximum suction lift is 10 ft (3.0-m)

B. Threaded Hand Pump

- Pump detergents, water, dilute alkalis, and waxes from drums or pails— $\frac{3}{4}$ " NPT(M) intake threads permit semi-permanent attachment
- Optional adapters securely attach pump to a variety of containers—order below

Adapters for B

Description	Catalog number	Price
Fits Rieke Sr. covers	GY-06433-62	
Fits Rieke Jr. covers	GY-06433-64	
Fits 70-mm openings	GY-06433-66	
Fits 2" IPS bung openings	GY-06433-68	

C. Siphon/Lift Drum Pump

- Equipped with a 2" IPS bung adapter for pumping detergents, water, dilute alkalis, or waxes from drums
- Cut inlet tube to fit your container

D. FDA-Compliant Pumps

- Materials comply with FDA CFR 21 regulations for indirect food contact
- Available with outlet hose (70607-20) or spout (70607-22)

E. Water and Chemical Siphons

- Portable and self-priming
- Water siphon (70607-00) includes 60" (152 cm) outlet hose—cut to fit your application
- Chemical siphons (70607-10, -12) are suitable for acid and alkali transfer

F. HDPE Hand Pump

- Pump acids, alcohols, and alkalis from carboys, drums, or tanks
- Self-cleaning ball valve ensures free flow and long pump life
- Order optional LDPE adapter to securely mount pump on drums (order below)

Adapter for F

Description	Catalog number	Price
Fits 2" IPS bung openings	GY-06425-09	

G. Heavy-Duty Acid-Transfer Pumps

- UL-listed for sulfuric acid transfer at 50% concentration
- Withstand temperatures up to 120°F (49°C)
- Self-priming, will not siphon

Key	Strokes/ gal. (L)	Wetted materials	Container adapter	Inlet tube		Outlet hose		Dimensions		Catalog number	Price
				L in. (cm)	OD in. (cm)	L in. (cm)	OD in. (cm)	L in. (cm)	Dia in. (cm)		
A	32 (9)	PVC barrel/hose, urethane-buna valves/seals	—	72" (182.9)	$\frac{1}{2}$ " (1.3)	36" (91.4)	$\frac{1}{2}$ " (1.3)	9" (22.9)	$1\frac{1}{4}$ " (3.2)	GY-06437-00	
B	26 (7)	PVC body/hose, Hypalon® valves/seals, LDPE tube	$\frac{3}{4}$ " NPT(M)†	18" (45.7)	$\frac{9}{16}$ " (1.4)	9" (22.9)	$\frac{9}{16}$ " (1.4)	12" (30.5)	$1\frac{1}{4}$ " (3.2)	GY-06433-60	
C	16 (5)	PVC body/hose, Hypalon valves/seals, LDPE tube	2" IPS	18" (45.7)	$\frac{9}{16}$ " (1.4)	48" (121.9)	$\frac{9}{16}$ " (1.4)	18" (45.7)	$1\frac{1}{4}$ " (3.2)	GY-06437-10	
D	26 (7)	PVC barre/hose, Viton® valves/seals, LDPE tube	$\frac{3}{4}$ " NPT(M)	12" (30.5)	$\frac{9}{16}$ " (1.4)	9" (22.9)	$\frac{9}{16}$ " (1.4)	12" (30.5)	$1\frac{1}{4}$ " (3.2)	GY-70607-20	
		PVC barrel, Viton valves/seals, LDPE tube/spout				6" (15.2) spout	$\frac{9}{16}$ " (1.4)	12" (30.5)	$1\frac{1}{4}$ " (3.2)	GY-70607-22	
E	32 (9)	PVC barrel, shaft, and hose	—	—	—	60" (152.4)	$\frac{9}{16}$ " (1.4)	9" (22.9)	$1\frac{1}{4}$ " (3.2)	GY-70607-00	
	26 (7)	PVC barrel/hose, LDPE tube	2" IPS	18" (45.7)	$\frac{9}{16}$ " (1.4)	48" (121.9)	$\frac{9}{16}$ " (1.4)	12" (30.5)	$1\frac{1}{4}$ " (3.2)	GY-70607-10	
	12 (4)	PVC barrel/hose, PVC tube				48" (121.9)	$\frac{9}{16}$ " (1.4)	36" (91.4)	$1\frac{1}{4}$ " (3.2)	GY-70607-12	
F	6 (2)	All HDPE parts	None	34" (86.4)	$1\frac{1}{2}$ " (3.8)	14" (35.6)	$1\frac{1}{2}$ " (3.8)	38" (96.5)	$1\frac{13}{16}$ " (4.6)	GY-06425-05	
G	6 (2)	Solvent-welded PVC body and shaft, Viton valves and seals	Glass carboy	—	—	36" (91.4)	$1\frac{1}{4}$ " (3.2)	38" (96.5)	$1\frac{1}{2}$ " (3.8)	GY-06433-00	
			—							GY-06433-10	
			2" IPS							GY-06433-20	
			Buttress Dell drum (M)							GY-06433-30	
			83-mm buttress (F)							GY-06433-40	

†Optional adapter available—order separately above.

Siphon and Piston Hand-Operated Pumps Ideal for a variety of fluids

– Adaptable to most pails and drums

A. Siphon Pumps are inexpensive, disposable hand pumps. Model 06439-00 features a squeeze-bulb action while models 06422-20 and 06439-10 feature a bellows action for quick and easy emptying of containers. Model 07079-70 creates a siphon with a few strokes of the pump.

B. Polypropylene Piston Pumps have adjustable strokes to allow for dispensing different amounts of fluid with just one pump. Model 06512-00 pumps 64, 32, 22 and 16 strokes per gallon, model 06512-05 pumps 32, 16, 11, and 8 strokes per gallon.



Specifications

Maximum viscosity:

Models 06439-00, -10, and 06422-20: 500 SSU
All other models: 4000 SSU

Maximum temperature:

Models 06439-00, -10, 06422-20: 140°F (60°C)
Models 07079-70, 06512-00, -05: 180°F (82°C)

Max GPM (LPM)	Strokes/gal (L)	Wetted materials	Container adapter	Inlet tube		Outlet hose		Dimensions		Catalog number	Price
				L	OD	L	OD	L	Dia		
A. Siphon pumps											
2 (7.6)	—	Polyethylene	Fits Rieke pull-out spouts	16" (41 cm)	½" (1.3 cm)	21" (53 cm)	½" (1.3 cm)	22" (56 cm)	½" (1.3 cm)	GY-06439-00	
5 (19)	—	Polyethylene	2" IPS bung	34" (86 cm)	¾" (1.9 cm)	48" (122 cm)	¾" (1.9 cm)	44" (112 cm)	1" (2.5 cm)	GY-06422-20	
7 (26.5)	—	Polyethylene	2" IPS bung	34" (86 cm)	1" (2.5 cm)	48" (122 cm)	1" (2.5 cm)	45" (114 cm)	1" (2.5 cm)	GY-06439-10	
7 (26.5)	—	PVC	2" IPS bung	39" (99 cm)	1½" (3.8 cm)	60" (152 cm)	1" (2.5 cm)	44" (112 cm)	1½" (3.8 cm)	GY-07079-70	
B. PVC and polypropylene piston pumps											
—	16, 22, 32, or 64 (5, 6, 9, 17)	Polyethylene, polypropylene	2½" flex spout adapter, ¾" and 2" bung	32" (81 cm)	½" (1.3 cm)	Spout	½" (1.3 cm)	44½" (108 cm)	1½" (3.8 cm)	GY-06512-00	
—	8, 11, 16, or 32 (3, 4, 5, 9)	Polyethylene, polypropylene	2½" flex spout adapter, ¾" and 2" bung	32" (81 cm)	½" (1.3 cm)	Spout	½" (1.3 cm)	49½" (126 cm)	1½" (3.8 cm)	GY-06512-05	

GY-07079-10 Steel screw-in adapter,
1¾" NPT (F). Fits 5-gallon pails

GY-07079-15 Flex Spout Adapter,
polyethylene. Fits 5-gallon containers
with 2½" (6.7 cm) opening

GY-07079-17 Bung converter kit.
Converts a Mauser course bung thread
or standard course buttress to 2" NPT

Rotary Drum Pumps No more one-way pumping

- Operate either in forward or reverse direction with a discharge hose
- Take it wherever you need it—lightweight and does not require electricity
- Nonpulsating flow for smooth transfer
- Ryton PPS pump includes stainless steel tube with 3-piece stainless suction tube

Specifications

Maximum viscosity: 870 cps

Maximum temperature: 06510-00, -05: 180°F (82°C)
06510-10: 140°F (60°C)
06510-17, -19: 145°F (62°C)



Max GPM (LPM)	Wetted materials	Typical application	Container adapter	Inlet tube		Outlet hose ID† (mm)	Catalog number	Price
				L (cm)	OD			
8 (30.3)	Polypropylene	Excellent for most organic acids, waxes, plating solutions, detergents, and water-soluble inorganics	2" IPS bung	40¼" (102.2)	1¼"	1" (25.4)	GY-06510-00	
6 (22.7)	Ryton® PPS, SS	Aggressive chemicals such as esters, ketones, and hydrocarbons	2" IPS bung	40¼" (102.2)	1¼"	1" (25.4)	GY-06510-05	
10 (37.8)	Stainless steel, PTFE	Chlorinated or petroleum-based solvents	1½" x 2" NPT bung	40" (101.6)	1¼"	1" (25.4)	GY-06510-10	
17 (64.3)	Cast iron	Non-aggressive fluids at large flow rates	2" NPT bung	40¼" (102.2)	1¼"	1" (25.4)	GY-06510-17	
27 (102.2)	Aluminum	Non-aggressive fluids at large flow rates	2" NPT bung	40¼" (102.2)	1¼"	1" (25.4)	GY-06510-19	

†Outlet hose ID is the outer diameter of the spout.

Cole-Parmer® Drum Pump Systems

Get pumping immediately with everything you need

- Equipped with variable-speed control motors for added safety and control
- Maintenance is reduced with no mechanical seals
- Run dry capability

Pre-configured drum and container pumps are engineered to safely transfer a variety of liquids from drums, tanks, and small storage vessels. Based upon the application, polypropylene (PP), CPVC, PVDF, and 316 stainless steel (SS) materials provide excellent chemical resistance against corrosive liquids.

The Measurement Pump Packages (“D” and “E”) include a digital flowmeter and totalizer. The dispensing hose for all the pumps is a 6-ft length of PVC tubing. The storage bracket for all packages is made from 16 gauge coated steel.

What’s included: electric motor with 16-ft (4.8-m) power cord, pump tube, wall storage bracket, barrel adapter, dispensing hose and nozzle. Models 70614-06, -07, -08 and -09 also include a flowmeter/totalizer.



B

Cole-Parmer®

Quick Reference Table

Pumps	Wetted materials	Typical applications include but not limited to
A	CPVC tube; PP barrel adapter and dispensing nozzle; PVC dispensing hose	Corrosive water treatment chemicals—sodium hypochlorite, potassium hydroxide, and sodium bromide
B	Polypropylene tube; PP barrel adapter and dispensing nozzle; PVC dispensing hose	Acids and alkalis—hydrochloric acid, nitric acid (20%), acetic acid, and sulfuric acid
C	PVDF tube; PP barrel adapter; PVDF dispensing nozzle; PVC dispensing hose	Concentrated acids and alkalis—sulfuric acid 66 Baume, propionic acid, concentrated nitric (98%), and hydrofluoric acid
D	Polypropylene tube; PP barrel adapter and dispensing nozzle; PVC dispensing hose; PP flowmeter/totalizer	Acids and alkalis—hydrochloric acid, nitric acid (20%), acetic acid, and sulfuric acid
E	PVDF tube; PP barrel adapter; PVDF dispensing nozzle; PVC dispensing hose; PP flowmeter/totalizer	Concentrated acids and alkalis—sulfuric acid 66 Baume, propionic acid, concentrated nitric (98%), and hydrofluoric acid
F	316 SS tube and barrel adapter; aluminum dispensing nozzle; PVC dispensing hose	Light oils—light machining oils, transmission fluid, nitric acid



E

Specifications

Speed: 10,000 rpm **Port:** 1" (25 mm) hose barb **Hose:** 6 ft (1.8 m) of PVC tubing with 1" ID

Max flow GPM (LPM)	Max head	Max viscosity	Motor		Power		Tube		Max temperature	Catalog number	Price
			Type	hp	VAC	Hz	Length	Material			
A. Water treatment pumps											
35 (132)	35 ft (10 m)	1500	ODP	1	115 230	60 50	39" (99 cm)	CPVC	190°F (90°C)	GY-70614-00 GY-70614-01	
B. Acids and alkalis pumps											
35 (132)	35 ft (10 m)	1500	ODP	1	115 230	60 50	39" (99 cm)	PP	130°F (55°C)	GY-70614-02 GY-70614-03	
C. Concentrated and alkalis pumps											
35 (132)	35 ft (10 m)	1500	TEFC	1	115 230	60 50	39" (99 cm)	PVDF	175°F (80°C)	GY-70614-04 GY-70614-05	
D. Acids and alkalis measurement pumps with flowmeter/totalizer											
35 (132)	35 ft (10 m)	300	ODP	1	115 230	60 50	39" (99 cm)	PP	130°F (55°C)	GY-70614-06 GY-70614-07	
E. Concentrated acids and alkalis measurement pumps with flowmeter/totalizer											
35 (132)	35 ft (10 m)	300	TEFC	1	115 230	60 50	39" (99 cm)	PVDF	175°F (80°C)	GY-70614-08 GY-70614-09	
F. Light oil pump packages											
35 (132)	35 ft (10 m)	1500	ODP	1	115 230	60 50	39" (99 cm)	316 SS	130°F (55°C)	GY-70614-10 GY-70614-11	

Cole-Parmer® Complete Drum and Container Pumps

All-in-one system includes pump tube and motor

- Equipped with variable-speed control motors (except air and explosion-proof models) for added safety and control
- Maintenance is reduced with no mechanical seals
- Run dry capability

Drum and container pumps are engineered to safely transfer a variety of liquids from drums, tanks and small storage vessels. Materials such as PP, PVDF, CPVC and 316 SS provide excellent chemical resistance against corrosive liquids. Order optional dispensing nozzle from "Accessories" for added control.

What's included: electric motor with 16-ft power cord and pump tube, except models 70613-70, -75, -80, -85 which include an air motor and tube.



Close-up of variable-speed control found on the motors



Pump shown with barrel adapter, strainer, wall mounting bracket, and nozzle with 6 ft of PVC hose (order optional accessories for added control)



Specifications

rpm: 10,000 Port: 1" (25 mm) hose barb Run dry: yes Atex compliant: II 2 G EEx de IIA T6



ATEX
Zone 2 70613-65 and 70604-23, -52, and -62 only

Max flow rate GPM (LPM)	Max viscosity	Motor type	hp	scfm range†	Power (VAC, Hz)	Tube length	Tube materials	Max temperature	Wetted materials	Catalog number	Price
35 (132)	1500 cp	ODP	1	—	110, 60	39" (99 cm)	PP	130°F (55°C)	PP, carbon, Hastelloy®	GY-70613-00	
			1	—	230, 50	39" (99 cm)				GY-70613-05	
			1	—	110, 60	47" (119 cm)				GY-70613-10	
			1	—	230, 50	47" (119 cm)				GY-70613-15	
35 (132)	1500 cp	TEFC	1	—	110, 60	39" (99 cm)	PVDF	175°F (80°C)	PVDF, carbon, Hastelloy	GY-70613-20	
			1	—	230, 50	39" (99 cm)				GY-70613-25	
			1	—	110, 60	47" (119 cm)				GY-70613-30	
			1	—	230, 50	47" (119 cm)				GY-70613-35	
35 (132)	1500 cp	TEFC	1	—	110, 60	39" (99 cm)	CPVC	190°F (90°C)	CPVC, carbon, Hastelloy	GY-70613-40	
			1	—	230, 50	39" (99 cm)				GY-70613-45	
			1	—	110, 60	47" (119 cm)				GY-70613-50	
			1	—	230, 50	47" (119 cm)				GY-70613-55	
33 (125)	750 cp	XPRF	¾	—	230, 50	47" (119 cm)	316 SS	175°F (80°C)	316 SS, carbon, PTFE	GY-70613-65	
32 (121)	750 cp	Air	¾	28	—	39" (99 cm)	316 SS	175°F (80°C)	316 SS, carbon, PTFE	GY-70613-70	
			¾	28	—	47" (119 cm)				GY-70613-75	
			½	22	—	39" (99 cm)				GY-70613-80	
			½	22	—	47" (119 cm)				GY-70613-85	

†at 90 psi

Replacement Pump Tubes

Replacement tubes do not include barrel adapter and mounting bracket; order separately at right.

Tube length	Tube material	Catalog number	Price
39" (99 cm)	PP	GY-70604-42	
47" (119 cm)		GY-70604-44	
39" (99 cm)	316 SS	GY-70604-52	
47" (119 cm)		GY-70604-54	
39" (99 cm)	PVDF	GY-70604-62	
47" (119 cm)		GY-70604-64	
39" (99 cm)	CPVC	GY-70604-66	
47" (119 cm)		GY-70604-68	

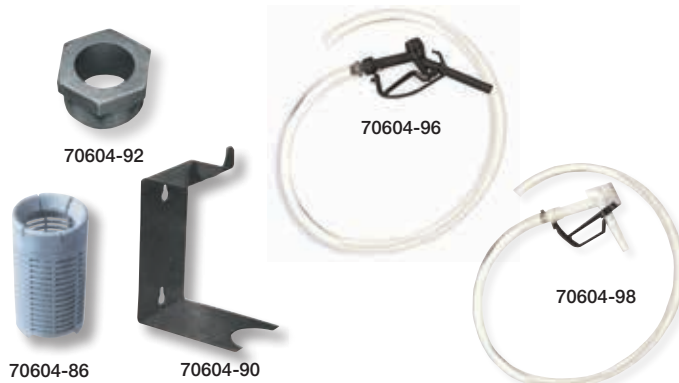
Replacement Motors

Motor type	scfm range†	Power (VAC, Hz)	Catalog number	Price
ODP	—	110, 60	GY-70604-03	
	—	230, 50	GY-70604-06	
XPRF	—	230, 50	GY-70604-23	
TEFC	—	110, 60	GY-70604-13	
	—	230, 50	GY-70604-16	
Air	28	—	GY-70604-25	
	22	—	GY-70604-20	

†at 90 psi

Accessories

- [GY-70604-86](#) Strainer; PP, 2mm opening
- [GY-70604-88](#) Strainer; SS, 2mm opening
- [GY-70604-90](#) Wall mounting bracket; provides pump storage
- [GY-70604-96](#) Nozzle; PP, with 6 ft (1.8 m) of PVC hose
- [GY-70604-98](#) Nozzle; PVDF, with 6 ft (1.8 m) of PVC hose
- [GY-70604-92](#) Replacement barrel adapter; PP, provides vertical stabilization



Heavy-Duty Drum and Container Pumps

Configurable to your requirements

– High-viscosity tube set handles fluids with viscosities to 50,000 cp!



REQUIRED System Components

- 1) Motor
- 2) Tube set
- 3) Accessories

1. Electric and Air Motors

A. Electric Motors are ideal for difficult pumping situations. Splashproof, corrosion-resistant epoxy coating resists caustic fluids. Built-in overload protection switch has manual reset for safety.

B. Explosion-Proof Electric Motors are rated for Class 1, Groups C and D hazardous environments and for pumping flammable liquids. Manual overload reset feature eliminates danger of auto restarting.

C. Heavy-Duty Motors are best for applications requiring high output head. Motors have a built-in overload switch with manual reset to avoid the danger of automatic restarting.

D. Air-Operated Motors are ideal for hazardous-duty applications or where electricity is not available. Motors are fitted with a muffler and include grounding post. Model 07070-70 also has a unique trigger valve handle—press switch for intermittent pumping; lock switch for continuous use.



Air motor with lock valve



Heavy-duty TEFC motor

UL for model 07070-40 only

CE

A3 for air-operated models only

Maximum viscosity	Motor type	hp	rpm	Power	Catalog number	Price
A. Electric motors†						
800 cp	TEFC	½	9000	120 VAC, 60 Hz	GY-07076-02	
				230 VAC, 50 Hz	GY-07076-33	
B. Explosion-proof motors†						
450 cp	XPRF	½	9000	120 VAC, 60 Hz	GY-07076-10	
600 cp				230 VAC, 50 Hz	GY-07076-15	
C. Heavy-duty motors†						
800 cp	TEFC	¾	9500	120 VAC, 60 Hz	GY-07076-20	
				230 VAC, 60 Hz	GY-07076-25	
D. Air-operated motors†						
1200 cp	Air	½	900	17 cfm at 85 psi	GY-07070-60	
				17 cfm at 85 psi with on/off control	GY-07070-70	

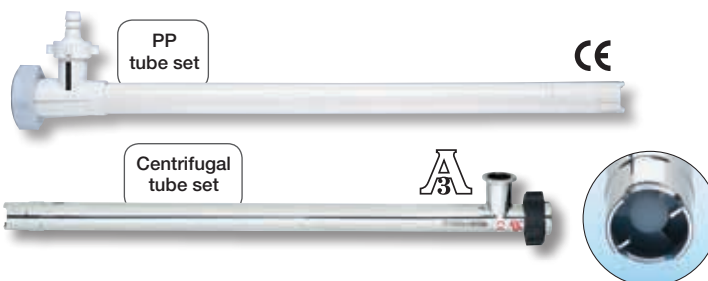
†These motors can be used with high-viscosity and sanitary tube sets.

2. Tube Sets

A. Standard Tube Sets feature a seal-less design for low maintenance and long life. All tube sets include a hose barb fitting made of the same material as the tube set. Fitting accepts either ¾" or 1" ID tubing.

Polypropylene (PP) sets are an economical choice for pumping dilute acids and low-concentration caustics. **PVDF sets** are ideal for your high-purity applications. **Stainless steel (SS) sets** are for strong solvents such as trichloroethylene and most strong acids and alkalis.

B. Sanitary Centrifugal Tube Sets. Completely disassemble, clean, and re-assemble these stainless steel tube sets in 10 minutes or less! Ideal for low-viscosity liquids such as wines, flavorings, perfumes, and sauces. Sets handle viscosities up to 1200 cp. Order a ½-hp motor.



Specifications

Tube material	Maximum temperature	Wetted materials	Tube OD	Port
PP	122°F (50°C)	PP body; ETFE impeller; Viton®, PTFE, carbon, Hastelloy® C	1 1/16" OD	¾" hose barb
PVDF	212°F (100°C)	PVDF body; ETFE impeller; Viton, PTFE, carbon, Hastelloy C	1 1/16" OD	¾" hose barb
Standard SS	248°F (120°C)	SS body; ETFE impeller; Viton, PTFE, carbon	1 1/16" OD	1" hose barb
Sanitary SS	248°F (120°C)	316 stainless steel, ETFE impeller	1 1/16"	1 1/2" Tri-Clamp®

Tube length	A. Standard tube sets								B. Sanitary centrifugal tube sets					
	Max flow††	Max head	Polypropylene (PP)		PVDF		Max flow††	Max head	Stainless steel (SS)		Max flow††	Max head	Stainless steel (SS)	
			Cat. no.	Price	Cat. no.	Price			Cat. no.	Price			Cat. no.	Price
27" (69 cm)			GY-70600-00		GY-70601-00								GY-70603-00	
39" (99 cm)	35 GPM (132 LPM)	40 ft (12.2 m)	GY-70600-02		GY-70601-02		44 GPM (166 LPM)	37 ft (11.2 m)	GY-70602-00		50 GPM (189 LPM)	22 psi (1.5 bar)	GY-70603-02	
47" (119 cm)			GY-70600-04		GY-70601-04				GY-70602-04				GY-70603-04	
60" (152 cm)			GY-70600-06		GY-70601-06				GY-70602-06				—	—

††Flow rates using electric TEFC motor 07076-02. For more complete flow information, contact your local office or dealer.

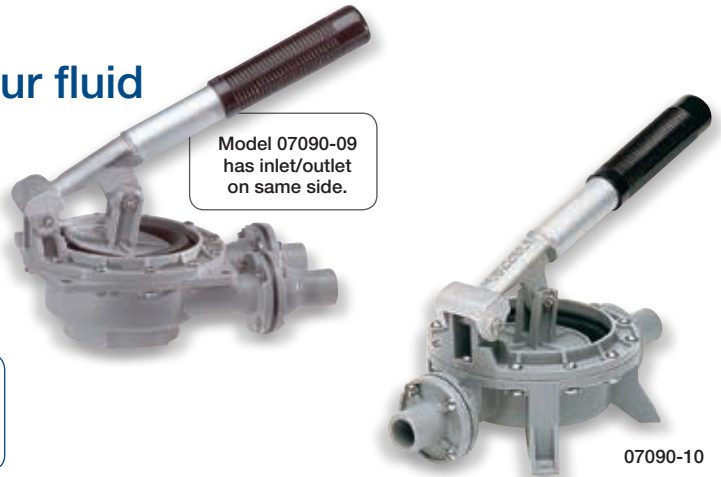
Pumps

Diaphragm Hand Pumps

Avoid clogging and harm to your fluid

- Ideal for pumping shear-sensitive or particulate-laden fluids
- Durable, portable pumps mount in any position

Order service kits, noncollapsing wire-reinforced vinyl hoses, stainless steel hose clamps, and check valves separately in table.



Specifications

Maximum discharge head: 12 ft (3.7 m)

Suction lift: 12 ft (3.7 m)

Maximum temperature: 120°F (49°C)

Flow† GPM (LPM)	Strokes/ gal. (L)	Wetted materials	Ports		Catalog number	Price	Service kits		Hoses		Check valves	
			ID	OD			Catalog number	Price	Catalog number	Price/ pk of 12 ft	Catalog number	Price
20 (75.7)	3 (1)	Cast aluminum, Buna N diaphragm	1 5/8" (4.1 cm)	2" (5.1 cm)	GY-07090-12		GY-07090-03		GY-06309-12		GY-06309-22	
12 (45.4)	5 (2)	Delrin acetal plastic, Buna N diaphragm	1 1/4" (3.2 cm)	1 1/2" (3.8 cm)	GY-07090-11		GY-07090-02		GY-06309-11		GY-06309-21	
8.5 (32.2)	7 (2)	Buna N diaphragm	3/4" (1.9 cm)	1" (2.5 cm)	GY-07090-10 GY-07090-09		GY-07090-01		GY-06309-10		GY-06309-20	

†Approximate flow at 60 strokes/min

Air-Operated Double-Diaphragm Drum Pump Kits

Eliminate concerns about damage from running dry

- Safe for manufacturing and water treatment environments
- Variable flow rate and discharge pressure—one pump works for many applications
- Portable and simple to install
- Handle liquids with particulate matter at pressures up to 100 psi. Dead head operation discharge line closes with no damage or wear to the pump
- Excellent for use with shear-sensitive fluid

What's included: 90° elbow; bung adapter; polypropylene (PP) pumps include a 33"L PVC suction pipe. Kynar (PVDF) pumps include a 33"L PVDF suction pipe.



Kits include pump, elbow, bung adapter, and suction pipe.

Flow GPM (LPM)	Wetted materials	Range cfm (LPM)	Max fluid temperature	Port connection	Air inlet requirements		Catalog number	Price
					Connection	Max psi		
12 (45.4)	PP body; PTFE diaphragm, check balls and O-rings	3 to 12 (85 to 340)	180°F (82°C)	1/2" NPT(F)	1/4" NPT(F)	100	GY-74024-00	
	PP body; TPO diaphragm; EPDM check balls and O-rings						GY-74024-02	
26 (98.4)	PP body; PTFE diaphragm, check balls and O-rings	10 to 40 (283 to 1133)	180°F (82°C)	3/4" NPT(F)	1/4" NPT(F)	100	GY-74024-10	
28 (106)	PP body; TPO diaphragm; EPDM check balls and O-rings						GY-74024-12	
12 (45.4)	PVDF body; PTFE diaphragm, check balls and O-rings	3 to 9 (85 to 255)	212°F (100°C)	1/2" NPT(F)	1/4" NPT(F)	100	GY-74024-04	
	PVDF body; TPO diaphragm; EPDM check balls and O-rings						GY-74024-06	

Steel Hand-Operated Drum Pumps

Reliable pumping for organic fluids

A. 316 Stainless Steel (SS) Pumps

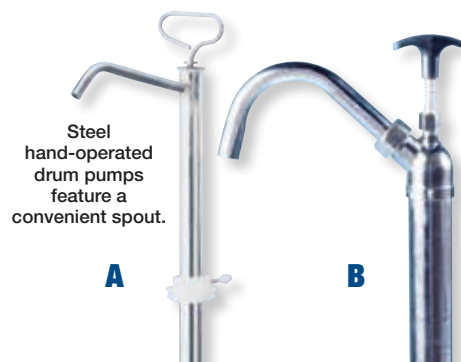
- Suitable for pumping chlorinated or petroleum-based solvents
- 316 SS/PTFE parts offer excellent chemical resistance

What's included: vented bung adapter. To safely pump petroleum-based solvents, use grounding wire (order separately below). Order optional adapters for 5-gallon containers below.

B. Carbon Steel Pumps

- Pump mild soaps, disinfectants, and other noncorrosive liquids (not recommended for high-pH solutions)
- Sturdy carbon steel and HDPE construction ensures long life

What's included: vented bung adapter. Order optional adapters for 5-gallon containers below.



Key	Strokes/ gal (L)	Wetted materials	Container adapter	Inlet tube		Outlet hose		Catalog number	Price
				L	OD	L	OD		
A	16 (5)	316 stainless steel body; PTFE packing, piston, inlet tube	2" NPT(M)	23" (58 cm)	5/8" (1.6 cm)	6" (15 cm) spout	1/2" (1.3 cm) OD spout	GY-07079-20	
	8 (3)			—	5/8" (1.6 cm)			GY-07079-30	
	5 (2)	316 stainless steel body and piston; PTFE seals	2" IPS bung	37" (94 cm)	5/8" (1.6 cm)	7" (18 cm) curved spout	1" (2.5 cm)	GY-07079-90	
B	16 (5)	Carbon steel body; HDPE packing, piston, inlet tube	2" NPT(M)	23" (58 cm)	5/8" (1.6 cm)	6" (15 cm) spout	1/2" (1.3 cm) OD spout	GY-07079-25	
	8 (3)			—	5/8" (1.6 cm)			GY-07079-35	
	5 (2)	Steel body and piston; polyethylene seals	2" IPS bung	37" (94 cm)	5/8" (1.6 cm)	7" (18 cm) curved spout	1" (2.5 cm)	GY-07079-80	

[GY-07079-10](#) Steel screw-in adapter, 1 3/4" NPT(F). Fits 5-gallon pails

[GY-07079-15](#) Flex spout adapter, polyethylene. Fits 5-gallon containers with 2 5/8" opening

[GY-06434-50](#) Grounding wire for 316 SS pumps, 10-ft (3.0-m) long. Includes two copper alligator clips

[GY-07079-01](#) Service kits for 07079-25, -35, and -80

[GY-07079-21](#) Service kits for 07079-20, -30, and -90

High-Viscosity Sanitary Drum Pumps

No clogs, even with viscous fluids

- Progressive cavity positive-displacement design allows for low-shear properties
- Designed for transferring food products, pharmaceuticals, and cosmetic products from barrels, kettles, and tanks. Models 75220-60 and -65 come with a turbine flowmeter.
- Easy cleaning with little downtime

What's included: drive (either electric or air) and pump tube. Batch control models 75220-50 and -55 also includes a NEMA 4X starter box, and a sanitary check valve.



Model 75220-60 includes a turbine flowmeter



Specifications

Accuracy: ±0.05% **Run dry:** no **Outlet:** 1 1/2" Tri-Clamp

Max flow rate† GPM (LPM)	Max viscosity	Motor				Tube length	Max temperature	Wetted materials		Catalog number	Price
		Type	hp	VAC	Hz			Tube	Elastomers		
Sanitary drum pumps											
12 (45)	10,000 cps	TEFC	1	110 230	50/60	39" (99 cm)	212°F (100°C)	316 SS	PTFE	GY-75220-00	
6 (22)	10,000 cps	TEFC	1.5	230–380/460	50/60					GY-75220-05	
4 (15)	10,000 cps	Air	—	—	—					GY-75220-20	GY-75220-30
Sanitary batch control system											
3 (11)	25,000 cps	TEFC	1	110 230	50/60	39" (99 cm)	212°F (100°C)	316 SS	PTFE	GY-75220-50	GY-75220-55
Sanitary drum pump with turbine flowmeter											
12 (45)	300 cps	TEFC	1	110 230	50/60	39" (99 cm)	212°F (100°C)	316 SS	PTFE	GY-75220-60	GY-75220-65

†Max flow rate is based upon water.