



Hand Pumps (Drum Pumps)

Beckson Acid Transfer Drum Pump



VITON® - 236PF Series - VITON®
 The Beckson 236 series of hand pumps will eliminate the lifting and tilting of drums and carboys. They are designed to transfer most acids with relative ease. The body and shaft are constructed of a special PVC with the valves and patented seals of DuPont's Viton®. The pumps in this series are 38" long with a diameter of 1-1/2" 28 oz. per stroke
236PF SERIES UL LISTED for transferring Sulphuric Acid (H2SO4) in concentrations up to 50% maximum at 120 degrees F. maximum.

Part #	Description	Adapter	Hose	Price
4610	Acid Transfer Drum Pump	Std. 2" IPS Bung	3 ft.	\$ 68.20

Beckson Alkali Transfer Drum Pump



HYPALON® - 436PF Series - HYPALON®
 The Beckson 436 series of hand pumps will eliminate the lifting and tilting of drums and carboys. They are designed to transfer detergents, waxes, alkalis and certain acids. The body and shaft are constructed of a special polyvinyl chloride with the valves and patented seals of DuPont's HYPALON®. The pumps in this series are 38" long with a diameter of 1-1/2" 28 oz. per stroke.
436PF SERIES UL LISTED for transferring Hydrochloric Acid (HCL) in concentrations up to 30% maximum at 100 degrees F. maximum. Partial list of compatible chemicals. Most Alkalis, Hydrofluoric Acid, Acetic Acid (30%), Methyl Alcohol.

Part #	Description	Adapter	Hose	Price
4611	Alkali Transfer Drum Pump	Std. 2" IPS Bung	3 ft.	\$ 63.50

Beckson Sanitary Maintenance Drum Pump



For Detergents - Waxes - Alkalis and Water **NOT FOR DAIRY / FARM CHEMICALS**
NOTE: SANITARY MAINTENANCE PUMPS are only for use in commercial NON-FARM NON-DAIRY environments where personal protective equipment is required and OSHA (Occupational Safety and Health Act) regulations are enforced by management.
Hose Outlet
 Allows for the easy directional dispensing of liquids into receiving containers. Adapters are available to attach to the openings of most drums, carboys and five gallon containers.

Part #	Description	Adapter	Hose	Price
4612	Sanitary Drum Pump (12 in. Barrel)	None	9 in.	\$ 22.00
4613	Sanitary Drum Pump (36 in. Barrel)	Std. 2" IPS Bung	30 in.	\$ 34.30

Beckson Petroleum Drum Pump



BUNA N -336PF Series- POLYURETHANE (NOT FOR HOT OIL)
 Our 336PF and PP series of pumps are designed to transfer petroleum products quickly and inexpensively. These models incorporate the same design features as our acids and alkali pumps with modifications to make them more compatible with petroleum products. Valves are polyurethane, seals are Buna N with the hose being reinforced vinyl.
336PF Series: Capacity = six strokes/gallon Dimensions = 1-1/2" dia. 38" long Volume = 28 oz./stroke

Part #	Description	Adapter	Hose	Price
4614	Petroleum Drum Pump	Std. 2" IPS Bung	3 ft.	\$ 60.80

Beckson's Drum Adapters

Adapters are available to hold pumps to a variety of containers. They can be used with 1-1/2" diameter pumps (236PF, 336PF & 436PF series). It is recommended an adapter be used whenever dispensing from containers.

Part #	Description	Price
ADPT-A01	Drum Adapter, for ACT Buttress Thread (2 3/4")	\$ 7.00
ADPT-S01	Drum Adapter, for 1 1/2" Dia. Pumps	\$ 4.00
ADPT-G01	Drum Adapter, for 1 1/2" Dia. Pumps	\$13.80
ADPT-B02	Drum Adapter, for CCA or Rieke Buttress Thread (2 5/8")	\$ 8.50
ADPT-B01	Drum Adapter, for 1 1/2" Dia. Pumps	\$ 5.00
ADPT-P01	Drum Adapter, for 1 1/2" Dia. Pumps	\$21.00
ADPT-S02	Drum Adapter, for 1 1/4" Dia. Pumps	\$ 4.00

ECONO Drum Pump

EP Series • Finish Thompson • Drum Pump • Light Viscosity, Mild Corrosives

The Econo Pump (EP) is both labor and cost efficient. It is the best value drum pump on the market. Designed to replace hand pumps or awkward, air operated diaphragm pumps, it is extremely lightweight and easy to handle. The combination of corrosion-resistant polypropylene tube and electric or air motor makes it a perfect choice for intermittent duty, chemical transfer applications.



Features

- Graphite filled PTFE seal
- 1" tube (25 mm) diameter for carboys
- PP tube, 316 SS or Alloy 625 shaft
- 3/4" (20 mm) hose barb connection
- Intermittent duty

Performance

- 1.2 SG maximum
- Maximum liquid temperature 120°F
- 6 GPM maximum
- 12 feet (3.7 meters) maximum head
- 150 centistoke maximum viscosity

Tube Features

- Corrosion resistant PP tube
- Portable and light weight- 5 lbs
- Intermittent duty
- Rugged construction for industrial use
- 27" (69 cm) and 40" (102 cm) tubes

Electric Motor Features

- Splashproof / Impact resistant
- Ergonomic handle
- Push-button operation
- 50 / 60 Hz
- 120 or 220 / 240 VAC

Tubes

Model	Material	Diameter	Length	Seal	Shaft	Hose Size	Weight	Part #	Price
EPP-S	Polypropylene	1	27"	Teflon®	316SS	3/4"	2 lbs	2790	\$ 139.00
EPP-I	Polypropylene	1	40"	Teflon®	316SS	3/4"	3 lbs	2791	175.00
EPP-S	Polypropylene	1	27"	Teflon®	Alloy 625	3/4"	2 lbs	2792	183.00
EPP-I	Polypropylene	1	40"	Teflon®	Alloy 625	3/4"	3 lbs	2793	218.00

Motors - Electric Splashproof, IP44

Model Number	HP	WATT	RPM	VOLT	HZ	PH	FLA	Enclosure	Certi-cation	WT. LBS.	Part #	Price \$
M55	1/7	-	10,000	120	50/60	1	3	Splashproof	CSA	3	2794	\$ 191.00
M54	-	100	10,000	220-240	50/60	1	1.5	IP44	CE	1.3	2795	205.00

Warning: EP Series is not for pumping flammable liquids or for use in hazardous locations.

Monarch Rotary Hand Pump - Barrel Pumps



Rotary pumps are ideally suited for handling petroleum products from 55 gallon drums. They are two-directional- the discharge hose can be emptied quickly by a few reverse turns of handle. Pumps have an even flow, with no pulsation and are very easy to operate.

FEATURES:

- **Rotor** - Cast gray iron, off-set, precision machined, with separate pump, easily serviced.
- **Springs** - Plated for corrosion resistance
- **Sliding Vanes** - Brass, self-adjusting for wear.
- **Casing** - Cast gray iron, requiring cover on one side only, with locating pins, for easy reassembling after servicing.
- **Suction Pipe** - telescoping, to fit various drum sizes.

Part #	Pipe Size	Price	Description
2005	3/4"	\$168.00	Petroleum transfer pump, bronze fitted, 1 U.S. gal. per 10 rev.; complete with handle, spout, 40" telescoping suction pipe and 2" bung adaptor.
2006	3/4"	200.00	As above but with 3/4" x 8 ft neoprene hose

ALSCO Lutz® Chemical Transfer Pumps

Selection is simple ... select the motor ... type of pump tube ... the length of the tube.
 Use the information below to choose components that will meet all your drum pump applications.
ALL MOTORS AND PUMP TUBES ARE INTERCHANGEABLE



Barrel Pumps

Motors

- Interchangeable w/ pump tubes
- Pneumatic and electric (16' cord)
- Open or TEFC or Expro. Proof
- Fixed or Variable speed
- Heavy duty explosion proof
- Wide range to meet almost any application

Pump Tubes

- Interchangeable with all motors
- Seal-less or Mechanical seal
- High volume rotor or high head impeller
- Available PP, SS, PVDF, ALU, HC
- Std. Lengths: 27", 39", 47", 55", 59", 63", 67" & 78"
- Other lengths available

Lutz® Electric Motors

All motors are interchangeable with pump tubes on next page.

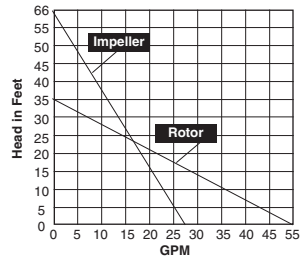


B36

B36 Part # 2561 Price \$ 354.00
B36 SC Part # 2562 Price \$ 419.00

Motor:
 120V, 640W, 60Hz
 Double insulated. Open drip-proof motor.
NOT SUITABLE FOR HAZARDOUS DUTY!
Applications:
 For almost all types of thin-bodied, slightly viscous, aggressive and non-flammable liquids.

Operating Data:
 Quantity: up to 54.5 GPM
 Delivery Head: up to 68.5 FT.
 Temp. of medium: up to 248°F
 Viscosity: up to 600 cps
 Specific Gravity: 1.8
Typical Liquids Pumped
 Hydrochloric acid, sulfuric acid, formic acid, boric acid, chromic acid, caustic soda solution, ammonium chloride, soap solutions etc.
Weight
 (motor and pump tube) approx. 9.4 to 15 lbs.

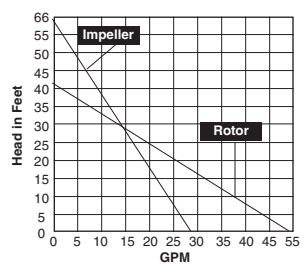


B28

B28 Part # 2563 Price \$ 392.00

Motor:
 120V, 800W, 60Hz
 Open drip-proof motor.
NOT SUITABLE FOR HAZARDOUS DUTY!
Applications:
 For almost all types of thin-bodied, slightly viscous, aggressive and non-flammable liquids.

Operating Data:
 Quantity: up to 54 GPM
 Delivery Head: up to 66 FT.
 Temp. of medium: up to 248°F
 Viscosity: up to 1000 cps
 Specific Gravity: 2.0
Typical Liquids Pumped
 Hydrochloric acid, sulfuric acid, formic acid, boric acid, chromic acid, caustic soda solution, ammonium chloride, soap solutions etc.
Weight
 (motor and pump tube) approx. 10.3 to 18 lbs.

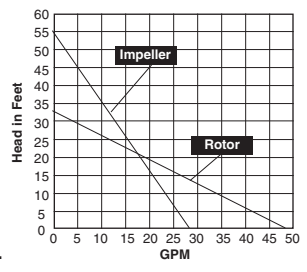


B55-T

B55-T-5 and B55-T-7
 Part # 2564-5 Price \$ 590.00
 Part # 2564-7 Price \$ 820.00

Motor:
 B55-T-5: 120V, 510W, 60Hz
 B55-T-7: 120V, 750W, 60Hz
 Double insulated, with ground connection
 T.E.F.C. Splashproof with protection class IP 54
Applications:
 For almost all types of thin-bodied, slightly viscous, aggressive and non-flammable liquids.

Operating Data:
 Quantity: up to 48 GPM
 Delivery Head: up to 55 FT.
 Temp. of medium: up to 248°F
 Viscosity: up to 600 cps
 Specific Gravity: 1.8
Typical Liquids Pumped
 Hydrochloric acid, sulfuric acid, formic acid, boric acid, chromic acid, caustic soda solution, ammonium chloride, soap solutions etc.
Weight
 (motor and pump tube) approx. 13.4 to 23.3 lbs.

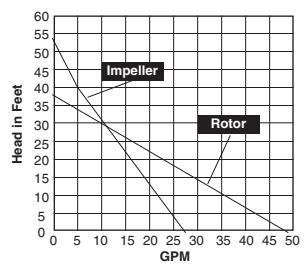


ME I 6

ME I 6 Silver Star
 Part # 2565 Price \$ 905.00

Motor:
 120V, 640W, 60Hz, 0.5 hp
 Explosion proof Class I, groups C and D and Class II, groups F and G
Applications:
 For most thin-bodied, lightly viscous and FLAMMABLE LIQUIDS. Principal Industries: Chemical, petro-chemicals, pharmaceutical, paint and varnish, processing, electroplating.

Operating Data:
 Quantity: up to 49 GPM
 Delivery Head: up to 54 FT.
 Temp. of medium: up to 284°F
 Viscosity: up to 600 cps
 Specific Gravity: 1.8
Weight: (motor) approx. 14.3 lbs.
Safety Notice:
 When pumping flammable liquids! Pump tube & container must be bonded & grounded. Use with Zone 0 pump tubes made of SS or Hast. C. Use explosion proof plug & conductive hoses.



ALSCO Lutz® Chemical Transfer Pumps

Lutz® Compressed Air Driven Motors

MD-2 (Ex)
MD-1 (Ex)

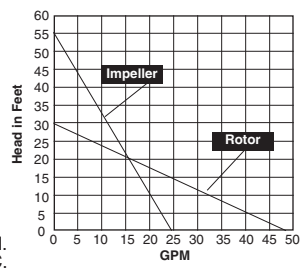


MD-2 (Ex)
Part # 2566 Price \$ 598.00
MD-1 (Ex)
Part # 2567 Price \$ 543.00

Motor:
Approx. 300 watt at 87 PSI, Speed of 6900 RPM
Air consumption approx. 17 CFM
SUITABLE FOR HAZARDOUS DUTY!
Applications:
For thin-bodied, neutral, aggressive and flammable liquids.

Operating Data:
Quantity: up to 48 GPM
Delivery Head: up to 55 FT.
Temp. of medium: up to 248°F
Viscosity: up to 950 cps
Specific Gravity: 1.8
Typical Liquids Pumped
Acetone, petrol/gasoline, solvents, oils, acids, lyes, ammonium chloride, photographic developers etc.

Safety Notice: MD-2
When pumping flammable liquids!
Pump tube & container must be bonded & grounded.
Use with Zone 0 pump tubes made of SS or Hast. C.
Use conductive hoses.



4 GT

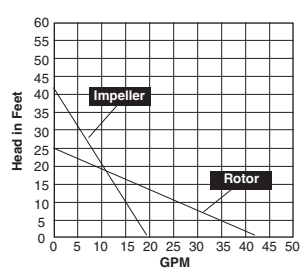


4 GT
Part # 2568 Price \$ 292.00

Motor:
Approx. 220 watt at 87 PSI, Speed of 6900 RPM
Air consumption approx. 14 CFM
NOT SUITABLE FOR HAZARDOUS DUTY!
Applications:
For thin-bodied, neutral, aggressive and non-flammable liquids.

Operating Data:
Quantity: up to 42 GPM
Delivery Head: up to 43 FT.
Temp. of medium: up to 248°F
Viscosity: up to 600 cps
Specific Gravity: 1.4
Typical Liquids Pumped
Hydrochloric acid, sulfuric acid, formic acid, boric acid, chromic acid, caustic soda solution, ammonium chloride, soap solutions etc.

Weight
(motor and pump tube) approx. 5.5 to 12.1 lbs.



Lutz® Pump Tubes

All pump tubes are interchangeable with all motors above & on previous page.

Multi-Purpose Seal-less



Part #	Description	Hose Size	Tube Len.	Price \$
2569-27	PP Tube/Hast. C Shaft/Rotor type	3/4"	27"	328.00
2569-39	PP Tube/Hast. C Shaft/Rotor type	3/4"	39"	356.00
2569-47	PP Tube/Hast. C Shaft/Rotor type	3/4"	47"	368.00
2569-63	PP Tube/Hast. C Shaft/Rotor type	3/4"	63"	530.00
2570-27	PP Tube/SS Shaft/Rotor type	3/4"	27"	292.00
2570-39	PP Tube/SS Shaft/Rotor type	3/4"	39"	320.00
2570-47	PP Tube/SS Shaft/Rotor type	3/4"	47"	332.00
2571-27	SS Tube/SS Shaft/Rotor type	1"	27"	505.00
2571-39	SS Tube/SS Shaft/Rotor type	1"	39"	572.00
2571-47	SS Tube/SS Shaft/Rotor type	1"	47"	605.00
2571-63	SS Tube/SS Shaft/Rotor type	1"	63"	912.00
2572-27	Alum Tube/SS Shaft/Rotor type	1"	27"	350.00
2572-39	Alum Tube/SS Shaft/Rotor type	1"	39"	380.00
2572-47	Alum Tube/SS Shaft/Rotor type	1"	47"	430.00
2573-27	PVDF Tube/Hast. C Shaft/Impeller	1"	27"	550.00
2573-39	PVDF Tube/Hast. C Shaft/Impeller	1"	39"	650.00
2573-47	PVDF Tube/Hast. C Shaft/Impeller	1"	47"	692.00



Multi-Purpose with Mechanical Seal

Part #	Description	Hose Size	Tube Len.	Price \$
2575-27	SS Tube/SS Shaft/Rotor type	1"	27"	505.00
2575-39	SS Tube/SS Shaft/Rotor type	1"	39"	572.00
2575-47	SS Tube/SS Shaft/Rotor type	1"	47"	605.00
2576-27	Alum Tube/SS Shaft/Rotor type	1"	27"	410.00
2576-39	Alum Tube/SS Shaft/Rotor type	1"	39"	432.00
2577-34	Hast. C Tube/Hast. C Shaft/Rotor type	1"	34"	3185.00

Pump tubes are 1 1/2" in diameter. For standard 55 gallon drum use 39" length pump tube. ** Other Hose sizes available
Note: The pump tubes above have rotor type pumping elements. Impeller type pumping elements available upon request.

ALSCO Lutz® Chemical Transfer Pumps

RE 88 Complete Drainage Pump Tube with Mechanical Seal

Applications

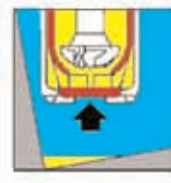
The pump tube RE-88 PP and RE-88 SS is designed to be used where drums or other containers have to be completely drained. The relatively small pump tube diameter of 41mm also makes the unit ideal for use in narrow-necked containers or in drums with a 2" bunghole. The pump tube is non-lubricated, thus preventing contamination of the liquids pumped.

- Avoid loss of material
- Eliminate Pollution

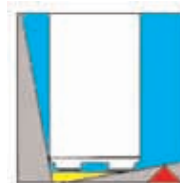
Function of pump tube RE 88



Sealing pot is open - the liquid is pumped off.



Closed sealing pot prevents runback when the pump is extracted.



Almost 100 % drainage when the drum is tilted.

Operating Data:

Quantity: up to 20 GPM
 Delivery Head: up to 64.5 FT.
 Temp. of medium: up to 212°F
 Viscosity: up to 1500 cps



Warning: The RE 88 PP pump must not be used for flammable liquids.

Part #	Description	Hose Size	Tube Len.	Price \$
2578-27	PP Tube/SS Shaft/impeller	3/4"	27"	953.00
2578-39	PP Tube/SS Shaft/Impeller	3/4"	39"	985.00
2578-47	PP Tube/SS Shaft/Impeller	3/4"	47"	1055.00
2579-27	SS Tube/SS Shaft/Impeller	1"	27"	1110.00
2579-39	SS Tube/SS Shaft/Impeller	1"	39"	1175.00
2579-47	SS Tube/SS Shaft/Impeller	1"	47"	1275.00

Mixing Pump Tube MP for mixing and pumping

For use in trade and industry wherever mixtures, emulsions, dispersions or suspensions are used. The MP Pump Tube can be combined with any of the Lutz air or universal motors. See previous pages.

Applications

The Lutz mixing pump tube is designed to be used in any situation where it is necessary to mix and pump in a single operation. The relatively small pump tube diameter of 50mm (Polypropylene) and 41mm (Stainless Steel) also makes the unit ideal for use in narrow-necked containers or in drums with a 2" bunghole.

The rate of flow, viscosity and density of the medium determine the mixing intensity and the delivery rate of the mixing pump tube. Experience has shown that the mixture quantity should preferably not exceed 55 Gallons in the medium in thin-bodied. The drive shaft of this pump tube is sealed by a single-acting mechanical seal (MS) and two shaft seals located behind it, making a robust sealing system. The pump tube must not be allowed to run dry. The pump tube is non-lubricated, thus preventing contamination of the liquids pumped.

Operating Data:

Quantity: up to 51 GPM
 Delivery Head: up to 36 FT.
 Temp. of medium: up to 212°F
 Viscosity: up to 1000 cps

Part #	Tube / Shaft	Hose Size	39" Price
2580	PP / SS	3/4"	832.00
2581	SS / SS	1"	1220.00

Function



Immerse



Mix



Pump



ALSCO Lutz® Chemical Transfer Pumps

B70V-SR Pump Tube for High Viscosity

Pump Tube:

Pump tube of stainless steel 316 with stators of NBR, NBR light, Viton, PE or PTFE. Shaft is sealed by a mechanical seal or teflon stuffing box. Tube diameter 2". Immersion depth 39". Threaded connection R 1 1/2", hose connection 1 1/4".

Applications

Progressive cavity pump for sensitive and high viscosity liquids from drums and other containers.

Part #	Tube / Shaft	Hose Size	Stator	Shaft Style	Seal Type	39" Price
2582	SS / SS	1 1/4"	PTFE	Joint	P. gland	2270.00
2583	SS / SS	1 1/4"	PTFE	Torsion	Mech.	2350.00
2584	SS / SS	1 1/4"	PTFE	Joint	Mech.	2470.00



Operating Data:

Quantity: up to 13 GPM
 Delivery Head: up to 200 FT. (87 PSI) *
 Temp. of medium: up to 284°F
 Viscosity: up to 60,000 cps *

* Higher values on request.

Typical Liquids Pumped

Plastic dispersion, varnishes, paints, washing agents, shampoos, soap solutions, whey, jams, creams, pastes, gels, inks, pigments, resins, adhesives, wax, food products

Drum and Laboratory Pump and Motor (Non-Explosion Proof)

Features:

- Light weight
- Fully portable (B2-A)
- Sealless SS or PP pump tubes
- Up to 20 GPM
- Double insulated splash-proof motor (B2)
- Integrated splash-proof on-off switch
- Integrated motor protection switch
- Special air flow cooling system
- Complete user-friendly accessories



Barrel Pumps

Part #	Description	Hose Size	Tube Len.	Price \$
2586	B2, PP, Electric, 110 Volt	3/4"	25"	400.00
2586-SET	B2,PP,Electric,110 Volt,+Accessory Kit	3/4"	25"	510.00
2587	B2, PP, Electric, 110 Volt	3/4"	39"	458.00
2587-SET	B2,PP,Electric,110 Volt+Accessory Kit	3/4"	39"	568.00
2588	B2, SS, Electric, 110 Volt	3/4"	39"	630.00
2588-SET	B2,SS,Electric,110 Volt+Accessory Kit	3/4"	39"	740.00
2589	Accessory Kit (Wall Bracket, Discharge Spout, 5 ft. of PVC Hose, 2 Hose Clamps & Nozzle)	-	-	120.00



Pneumatic Drum Pumps

The Lutz Pneumatic Drum Pump Sets are designed for specific applications as stated in the descriptions below. The sets are designed for specific liquids and locations (Hazardous or Non-Hazardous and Flammable or Non-Flammable Locations). The customer should take extreme caution when choosing the pump set. Can't find what you need or not sure which pump set - Contact the sales dept. or look on previous pages for Custom Pump motors and various tube material & length combinations to meet your application needs.



Part #	Description	Tube Mat.	Tube Len.	Price \$
2976	Air Drum Pump Set-Acids & Alkalies	PP	39"	1121.00
2977	Air Drum Pump Set-Acids & Alkalies	PP	47"	1133.00
2978	Air Drum Pump Set-Flammables	SS	39"	2793.00
2979	Air Drum Pump Set-Highly Corr. Acids	PVDF	39"	2139.00
2980	Air Drum Pump Set-Highly Corr. Acids	PVDF	47"	2181.00
2981	Air Drum Pump Set-Low Viscous Oils	Alum	39"	1284.00
2989	Air Drum Pump w/o Kit-Acids & Alkalies	PP	39"	964.00
2991	Air Drum Pump w/o Kit-Acids & Alkalies	PP	47"	978.00
2993	Air Drum Pump w/o Kit-Corr. Acids/Alkalies	PVDF	39"	1278.00
2995	Air Drum Pump w/o Kit-Corr. Acids/Alkalies	PVDF	47"	1320.00
2997	Air Drum Pump w/o Kit-Low Visc. Oils	Alum	39"	1008.00
2999	Air Drum Pump w/o Kit-Flammables	SS	39"	1264.00

ALSCO Lutz® Chemical Transfer Pumps

Electric Drum Pumps



The Lutz Electric Drum Pump Sets are designed for specific applications as stated in the descriptions below. The sets are designed for specific liquids and locations (Hazardous or Non-Hazardous and Flammable or Non-Flammable Locations). The customer should take extreme caution when choosing the pump set. Can't find what you need or not sure which pump set - Contact the sales dept. or look on previous pages for Custom Pump motors and various tube material & length combinations to meet your application needs.



Part #	Description	Tube Mat.	Tube Len.	Price \$
2982	Electric Drum Pump Set-Acids & Alkalies	PP	39"	877.00
2983	Electric Drum Pump Set-Acids & Alkalies	PP	47"	889.00
2984	Electric Drum Pump Set-Flammables	SS	39"	3100.00
2985	Electric Drum Pump Set-Highly Corr. Acids	PVDF	39"	2131.00
2986	Electric Drum Pump Set-Highly Corr. Acids	PVDF	47"	2173.00
2987	Electric Drum Pump Set-Low Viscous Oils	Alum	39"	1040.00
2988	Electric Drum Pump w/o Kit-Acids & Alkalies	PP	39"	720.00
2990	Electric Drum Pump w/o Kit-Acids & Alkalies	PP	47"	734.00
2992	Electric Drum Pump w/o Kit-Corr. Acids/Alkalies	PVDF	39"	1270.00
2994	Electric Drum Pump w/o Kit-Corr. Acids/Alkalies	PVDF	47"	1312.00
2996	Electric Drum Pump w/o Kit-Low Visc. Oils	Alum	39"	764.00
2998	Electric Drum Pump w/o Kit-Flammables	SS	39"	1571.00

Accessories

Nozzles



PP pictured

Description	Part #	Price
Hand Regulating, PP, 3/4"	2590	\$ 129.00
Hand Regulating, PP, 1"	2591	129.00
Hand Regulating, SS, 1"	2592	486.00
Hand Regulating, SS 1 1/4"	2593	490.00
Hand Regulating, PVDF, 3/4"	2594	332.00
Hand Regulating, PVDF, 1"	2595	332.00

Foot Strainers



Description	Part #	Price
M-Series PPH 40	2598	\$ 35.20
M-Series PP 41	2599	35.20
B2 PP SL 25"	2600	45.00
B2 PP SL 39"	2601	45.00
M-Series SS 41	2602	111.00

Barrel Adaptors



Description	Part #	Price
M-Series PP	2596	\$ 42.40
M-Series SS	2597	67.00

Fume Barriers

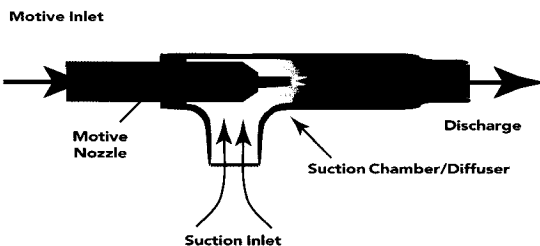


Description	Part #	Price
PP 40 / 41	2603	\$ 248.00
SS 41	2604	560.00

Other Lutz Accessories available: Discharge spout, wall bracket, and Electronic flow meter.



Liquid Eductors (Mixing Tees)



Liquid Operated Eductors

Liquid driven eductors are ejectors that use pressurized liquid to entrain, mix and pump other liquids, slurries, gases or dry solids. Eductors consist of two basic parts, the motive nozzle, which converts the pressure energy to kinetic (velocity) energy, and the suction chamber/diffuser section where the entrainment and mixing take place.

Features

- No Moving Parts
- Easy Installation
- Cost-Effective
- Handles Corrosive and/or Erosive Materials

Applications

- Primary or backup sump pump
- Additive injection
- Dilution / mixing
- Priming pumps
- Providing vacuum for distillation or cooking
- Aeration
- Venting of tanks or other vessels
- Mixing / blending of liquids in tanks
- Mixing dry solids with liquid to form a slurry or solution

Price on Application

ALSCO Lutz® Drum Pump Flow Meter

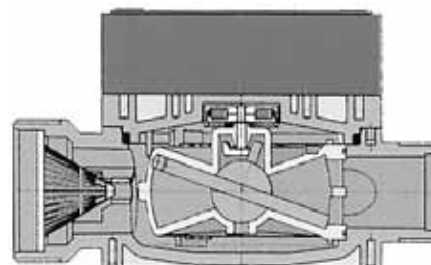


Features:

- Modular Construction
- Easy Installation
- Choice of Resistant Materials
- Remote Control Facility
- Protective Strainer provided
- Battery Condition Indicator
- Trouble-free Maintenance
- Robust Design
- Large 6-Digit LCD Display
- Fingertip Calibration
- Built-in Data Protection
- Memory Capacity for 9 different liquids
- No special Batteries required
- Batch Control

Optimization of a tried and tested technology:

At the heart of the Lutz flow meter system is a measuring chamber with a nutating disc. Liquid passing thru the chamber causes the disc to rotate about its axis, sending an impulse via a magnetic coupling to the display unit which in turn records the flow. Calibration for various liquids is done simply by keying-in the respective factors.



To select the proper Model contact our sales office for chemical compatibility.

Flow Meter Model	ST	SL	LM	UN	VA I
Part #	2617	2618	2619	2620	2621
Price	\$ 825.00	\$ 910.00	\$ 1400.00	\$ 1700.00	\$ 2130.00
Technical Data			Explosion Proof	Explosion Proof	Explosion Proof
Temperature	140°F *	140°F *	140°F *	140°F *	186°F *
Flow Volume	min. 2.64 GPM max. 26.4 GPM	min. 2.64 GPM max. 26.4 GPM	min. 2.64 GPM max. 26.4 GPM	min. 2.64 GPM max. 26.4 GPM	min. 2.64 GPM max. 21.1 GPM
Viscosity	2000 cps	2000 cps	2000 cps	2000 cps	2000 cps
Operation pressure	58 PSI *	58 PSI *	58 PSI *	58 PSI *	87 PSI *
Accuracy V _{min} ≤ 2.64 GPM	± 1 % standard ≤ 1 % with adjustment application conditions	± 1 % standard ≤ 1 % with adjustment application conditions	± 1 % standard ≤ 1 % with adjustment application conditions	± 1 % standard ≤ 1 % with adjustment application conditions	± 1 %
Inlet port	G 2 male thread to fit connector w/ union nut	G 2 male thread to fit connector w/ union nut	G 2 male thread to fit connector w/ union nut	G 2 male thread to fit connector w/ union nut	G 1 1/4 male thread to fit connector w/ union nut
Outlet port	G 1 1/4 male thread	G 1 1/4 male thread	G 1 1/4 male thread	G 1 1/4 male thread	G 1 1/4 male thread
Materials: Housing Measuring chamber O-rings Magnet	PPO PPO / SAN FPM (Viton) BaFe, PA, SS (1.4401)	PPO PPO / PPS FPM (Viton) PPS / PTFE	PPS PPS / LCP FEP BaFe, Ms, SS (1.4401)	PPS PPS / LCP FEP PPS / PTFE	SS (1.4571) SS / PPS PTFE PPS
Protection Class	IP54	IP54	IP54	IP54	IP54
Flow Meter with Relay Module/120V	Part # 2617-R \$ 1475.00	Part # 2618-R \$ 1560.00	Upon Request	Upon Request	Upon Request

* higher values on request

Accessories

Part #	Description	Price	Part #	Description	Price
2622	Drum Pump Fitting VA I, 1 1/4"	\$ 150.00	2632	Connecting Cable Main Valve, 16 Ft., 120V	\$ 82.00
2623	Drum Pump Fitting VA I, 1 1/2"	170.00	2633	Connecting Cable Main Valve, 5M, 230V	82.00
2624	Drum Pump Fitting PPO/Viton, ST / SL	42.00	2634	Connecting Cable Motor 19"	84.00
2625	Drum Pump Fitting PPS/Viton-FEP, LM / UN	68.00	2635	Main Supply Cable, RM 16 Ft.	98.00
2626	Non-Return Valve PTFE/Viton, ST / SL	68.00	2636	Data Line, 16 Ft.	100.00
2627	Non-Return Valve PTFE/Viton-FEP, LM / UN	82.00	2637	Mounting Plate for Remote Installation	96.00
2628	Non-Return Valve VA I	225.00	2638	Protection Cover	97.00
2629	1 1/4" x 1" Reducer for VA I	77.00	2639	Mounting Device For Operation Unit	77.00
2630	Relay Module, 120V	650.00			

ALSCO Magnetic Drive Centrifugal Pumps

KC 3, 4, 5 Finish Thompson Sealless Pumps

KC3 Sealless Centrifugal Pumps
1/8 HP or .07 kw

KC4 & 5 Sealless Centrifugal Pumps
1/4 and 1/3 HP or .11 kw and .15 kw

KC3 ODP

Features

- Neodymium magnetic technology
- Run dry capability
- 1.0 SG
- Polypropylene or PVDF
- ODF (IP 22) motor
- NPT or BSP threads
- Carbon or PTFE bushing
- Viton or EPDM o-ring
- Back pull-out design for easy service



KC4 ODP

Features

- Neodymium magnetic technology
- Run dry capability
- 1.8 SG
- Polypropylene or PVDF
- TEFC (IP 54) or ODF (IP 22) motor
- NPT or BSP threads
- Carbon or PTFE bushing
- Viton or EPDM o-ring
- Retrofittable to existing OEM equipment
- Back pull-out design for easy service



KC5 TEFC

Applications

- OEM applications
- Chemical processing
- Wet scrubber
- Photo processing
- Pulp and paper
- Pharmaceuticals
- Printed circuit board mfg.
- Plating
- Semi-conductor
- Heat exchanger

Applications

- OEM applications
- Water applications
- Spray booths
- Rinsing booths
- Chlorinated water
- De-ionizing water
- Recirculating water



Series	Motor Description	Polypropylene		PVDF	
		Part #	Price	Part #	Price
KC 3	1/8 hp, 3450 rpm, 1 Phase, 60 Hz, Open, 115V	7438	\$ 264.00	7445	\$ 375.00
KC 4	1/4 hp, 3450 rpm, 1 Phase, 60 Hz, Open, 115V	7439	444.00	7446	636.00
-	-	-	-	-	-
KC 4	1/3 hp, 3450 rpm, 1 Phase, 50/60 Hz, Corrosive Duty TEFC, 110/220V	7441	574.00	7448	769.00
KC 5	1/3 hp, 3450 rpm, 1 Phase, 60 Hz, Open, 115V	7442	522.00	7449	664.00
-	-	-	-	-	-
KC 5	1/3 hp, 3450 rpm, 1 Phase, 50/60 Hz, Corrosive Duty TEFC, 110/220V	7444	653.00	7451	790.00

Specifications

MODEL NUMBER	SUCTION FMP or FBSP (DISCHARGE) (NPT or BSP)	IMPELLER SIZE		MAX. FLOW		MAX. HEAD		SPECIFIC GRAVITY* @ 30 CPS	MOTOR		MAX. WORKING PRESSURE	WEIGHT**		MAX. TEMP. PP		MAX. TEMP. PVDF	
				3450 rpm	2850 rpm	3450 rpm	2850 rpm		60 Hz	50 Hz		lbs	kg	°F	°C	°F	°C
		inch	cm	US gpm	lpm	ft	m		HP (KW)	kW (HP)		psi	lbs	kg	°F	°C	°F
KC 3	1" (1/2")	2.3	5.8	13.5	3.8	2.4	5	1.0	1/8 (.094)	.07 (.08)	60	1.4	6.35	180	82	220	104

Specifications

MODEL NUMBER	SUCTION FMP or FBSP (DISCHARGE) (NPT or BSP)	IMPELLER SIZE		MAX. FLOW		MAX. HEAD		SPECIFIC GRAVITY* @ 30 CPS	MOTOR		MAX. INLET PRESSURE	WEIGHT**		MAX. TEMP. PP		MAX. TEMP. PVDF	
				3450 rpm	2850 rpm	3450 rpm	2850 rpm		60 Hz	50 Hz		lbs	kg	°F	°C	°F	°C
		inch	cm	US gpm	lpm	ft	m		HP (KW)	kW (HP)		psi	lbs	kg	°F	°C	°F
KC 4	1" (1/2")	2.3	5.8	13.5	40	2.4	5	1.8	1/4 (.187)	.11 (.150)	60	17	7.7	180	82	220	104
KC 5	1" (1/2")	2.7	6.9	16	51	3.1	6.5	1.8	1/3 (.248)	.15 (.2)	60	17	7.7	180	82	220	104

* Obtainable without trimming impeller. Contact sales office for handling higher specific gravities. ** Varies with motor. Note: Actual performance may vary. Pump models and performance vary with conditions.

ALSCO Magnetic Drive Centrifugal Pumps

KC 6, 8, 10 Finish Thompson Sealless Pumps



Design Advantages

The superior design offers many performance advantages over traditional ceramic mag pumps. The unique application of small rare earth magnets, carbon bushings, and spindle design contribute to an unmatched extended run-dry capability. The cantilevered design of the ceramic spindle provides added impact resistance reducing breakage, friction losses, and heat build-up.

Rare-Earth Magnet Advantages

Neodymium rare-earth magnets increases pump operating life. Incredible magnetic power handles high specific gravity with no impeller trimming. Smaller magnet size allows a lighter weight rotating impeller while increasing performance. Rotating parts are 1/7 th the weight of conventional ceramic magnetic pumps.

User Advantages

The integrity of magnetic technology application, coupled with expert thermoplastic mold engineering, provides reliable, uninterrupted pump performance unachievable in ceramic mag pumps. Extended run-dry capability, decreased down-time, and product reliability are sound economic advantages for KC Series users.

Features

- Extended (24 hrs or more with carbon bushing) run dry capabilities
- Accepts standard NEMA 56C or IEC metric motors
- TEFC, Exp, 575V motors • Retrofittable to existing OEM equipment
- Inlet/outlet design facilitates o-ring installation for leak-free operation
- NPT or BSP threads • Back pull-out design for easy service
- Optional 1/4" NPT drain in suction casing • No environmental contamination
- Polypropylene or PVDF materials • Temperatures: PP 180°F PVDF 220°F

Specifications

MODEL NUMBER	SUCTION (IN/OUT) DISCHARGE (IN/OUT)	IMPELLER SIZE	MAX. FLOW		MAX. HEAD		SPECF. GRVITY	MOTOR HP	MOTOR KW	MAXIMUM PRESSURE (PSI)	WEIGHT**		MIL. TEMP. PP		MIL. TEMP. PVDF	
			2800 RPM	3450 RPM	2800 RPM	3450 RPM					IN	LB	°F	°C	°F	°C
KC5.5	1 3/4	3.1	40	40	45	45	1.4	1/2	37	60	26	12	180	82	220	104
KC6	1 3/4	3.1	40	40	45	45	1.4	1/2	37	60	26	12	180	82	220	104
KC8	1 1/2	3.6	60	60	55	55	1.4	3/4	37	60	32	12	180	82	220	104
KC10	1 1/2	3.8	70	70	65	65	1.4	1	37	60	40	18	180	82	220	104

Applications

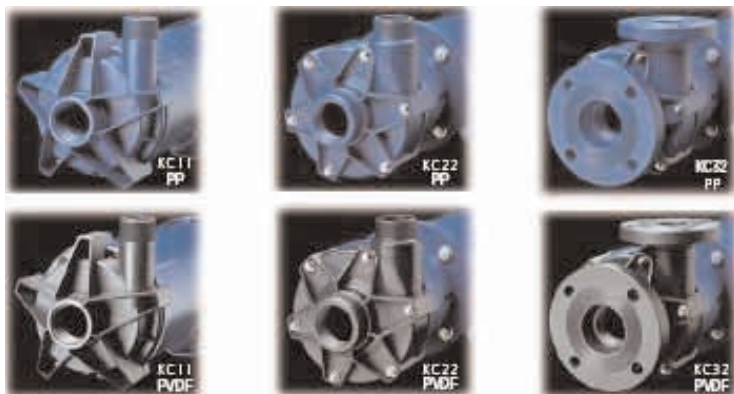
- Chemical processing
- Plating
- Printed circuit board manufacturing
- Semi-conductor
- Wet scrubber
- Photo processing
- Pulp and Paper
- Pharmaceuticals
- Heat exchanger

Model #	Material	Bushing *	O-Ring *	Suction Inlet MNPT	Dis-charge Outlet	Impeller Size Inch	Max. Flow 3450 rpm gpm	Max. Head 3450 rpm ft	Motor 56C hp	Max. Inlet psi	Weight Lbs. **	Part #	Price \$
KC6	PP	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	26	7400-1	\$ 769.00
KC6	PP	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	26	7400-3	739.00
KC6	PVDF	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	26	7401-1	1012.00
KC6	PVDF	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	26	7401-3	982.00
KC8	PP	Carbon	Viton	1 1/2	1	3.6	60	55	3/4	60	32	7402-1	934.00
KC8	PP	Carbon	Viton	1 1/2	1	3.6	60	55	3/4	60	32	7402-3	909.00
KC8	PVDF	Carbon	Viton	1 1/2	1	3.6	60	55	3/4	60	32	7403-1	1108.00
KC8	PVDF	Carbon	Viton	1 1/2	1	3.6	60	55	3/4	60	32	7403-3	1083.00
KC10	PP	Carbon	Viton	1 1/2	1	3.8	70	65	1	60	40	7404-1	1041.00
KC10	PP	Carbon	Viton	1 1/2	1	3.8	70	65	1	60	40	7404-3	1025.00
KC10	PVDF	Carbon	Viton	1 1/2	1	3.8	70	65	1	60	40	7405-1	1212.00
KC10	PVDF	Carbon	Viton	1 1/2	1	3.8	70	65	1	60	40	7405-3	1196.00

-1 for Single Phase (60Hz) or -3 for Three Phase (50-60Hz) motor. * EPDM O-rings and PTFE Bushings available upon request.
 ** Varies with motor. HP recommendation is based on full flow and 1.0 specific gravity. Actual performance may vary.
 Pump models and performance vary with conditions.

ALSCO Magnetic Drive Centrifugal Pumps

KC 11, 22, 32 Finish Thompson Sealless Pumps



Design Advantages

The superior design offers many performance advantages over traditional ceramic mag pumps. The unique application of small rare earth magnets, carbon bushings, and spindle design contribute to an unmatched extended run-dry capability. The cantilevered design of the ceramic spindle provides added impact resistance reducing breakage, friction losses, and heat build-up.

Rare-Earth Magnet Advantages

Neodymium rare-earth magnets increases pump operating life. Incredible magnetic power handles high specific gravity with no impeller trimming. Smaller magnet size allows a lighter weight rotating impeller while increasing performance. Rotating parts are 1/7 th the weight of conventional ceramic magnetic pumps.

User Advantages

The integrity of magnetic technology application, coupled with expert thermoplastic mold engineering, provides reliable, uninterrupted pump performance unachievable in ceramic mag pumps. Extended run-dry capability, decreased down-time, and product reliability are sound economic advantages for KC Series users.

Features for KC11

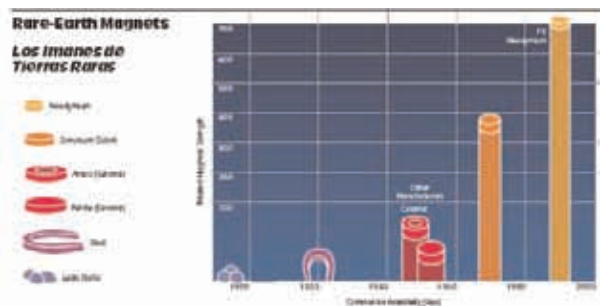
- 24-hour run-dry capability with carbon bushing
- Polypropylene or PVDF
- Excellent chemical resistance
- Mounts to standard NEMA 56C, 145TC or IEC 80 or 90 frame motors with B14
- Rugged cantilevered ceramic spindle
- NPT or BSP threads
- Back pull-out design for easy service
- 1.8 specific gravity
- 50 cps maximum

Features for KC22 & 32

- 10-minute run-dry capability with carbon bushing
- Polypropylene (P) or PVDF (V)
- Excellent chemical resistance
- Accepts standard NEMA 184TC, 213TC or IEC 90, 100, 112 motor frames
- Rugged cantilevered ceramic spindle
- NPT or BSP threads or flanged conn.
- Service friendly back pull-out design
- Up to 1.8 specific gravity
- 50 cP maximum viscosity
- Open and closed impeller options

Applications

- Chemical processing
- Plating
- Printed circuit board manufacturing
- Semi-conductor
- Wet scrubber
- Photo processing
- Pulp and Paper
- Pharmaceuticals
- Heat exchanger



Model # Type TEFC	Motor Frame	Inlet Inch / Connection	Outlet Inch / Connection	Impeller * Size Inch	3450 rpm Max. Flow gpm	3450 rpm Max. Head feet	Horse Power HP	Mat. / Bush / O-ring PP / Carbon / Viton		Mat. / Bush / O-ring PVDF / Carbon / Viton	
								Part #	Price	Part #	Price
KC11	56C	1 1/2 FPT	1 1/4 MPT	3.0	73	40	1	7406-1	1801.00	7418-1	2586.00
				3.0	73	40	1	7406-3	1801.00	7418-3	2586.00
				3.5	85	53	1 1/2	7407-1	1868.00	7419-1	2653.00
				3.5	85	53	1 1/2	7407-3	1815.00	7419-3	2600.00
				4.0	95	68	2	7408-1	1935.00	7420-1	2720.00
				4.0	95	68	2	7408-3	1837.00	7420-3	2622.00
KC22	182TC 184TC 184TC 184TC	2 FPT	2 MPT	4.5	105	83	3	7409-3	1868.00	7421-3	2653.00
				4.5	180	75	3	7410-3	3095.00	7422-3	4220.00
				5.0	200	84	5	7411-3	3739.00	7423-3	4898.00
				5.5	225	105	5	7412-3	3739.00	7424-3	4898.00
				6.0	255	135	7 1/2	7413-3	3339.00	7425-3	4464.00
KC32	182TC 184TC 184TC 184TC	3 Flange	2 Flange	4.5	180	75	3	7414-3	3345.00	7426-3	4596.00
				5.0	200	84	5	7415-3	3470.00	7427-3	5240.00
				5.5	225	105	5	7416-3	3470.00	7428-3	5240.00
				6.0	255	135	7 1/2	7417-3	3589.00	7429-3	5374.00

Note: -1 for Single Phase (60 Hz) motor or -3 for Three Phase (50-60 Hz) motor.
EPDM O-rings and PTFE Bushings available upon request. * Other Impeller sizes available.

ALSCO Magnetic Drive Centrifugal Pumps

VKC 6, 8, & 10 Finish Thompson Vertical Sealless Pumps VERTIMAG™ Pumps 1/3 to 3 HP



VKC
6, 8, 10

VERTIMAG™ technology - a design breakthrough in vertical pumps!

Using rare-earth Neodymium magnets, VERTIMAG™ achieves a truly sealless, vertical pump design free of wetted shaft bearings or bushings. The elimination of a secondary impeller prevents aeration of the pumped fluid and fugitive environmental emissions.

VERTIMAG™ answers conventional sump or cantilever pump applications within a wide range of operating conditions. The patent pending VERTIMAG™ is a durable performer with low maintenance requirements.

Features

- Magnetic drive
- Non-aerating (no micro-bubbles)
- Reduced environmental emissions
- No wetted shaft bearings
- Mounts inside or outside of tank
- Accepts standard NEMA or IEC motors
- Modular build: 12" up to 60" in 6" increments
- Up to 1.8 specific gravity
- PP or PVDF materials

Applications

- Chemical processing
- Plating
- Wastewater
- Semi-conductor
- Battery Plant
- Pulp and Paper

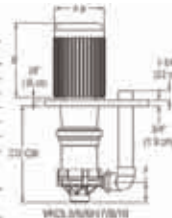
Dimensions

With NEMA Motors (Inches)

MODEL	MOTOR FRAME	A	B	D	E	F
VKC6 NPT	56C	8-1/2	9	3-1/8	2-1/16	2-1/16
VKC8 NPT	56C	8-1/2	9	3-1/8	2-1/16	2-1/16
VKC10 NPT	56C	8-1/2	9	3-1/8	2-1/16	2-1/16
VKC6 NPT	56C	8-1/2	9	3-1/8	2-1/8	2-1/8
VKC8 NPT	56C	8-1/2	9	3-1/8	2-1/8	2-1/8
VKC10 NPT	56C	8-1/2	9	3-1/8	2-1/8	2-1/8

With IEC Motors (Centimeters)

MODEL	MOTOR FRAME	A"	B"	D"	E"	F"
VKC6 IEC	63	9	19.8	8.3	7.3	6.3
VKC8 IEC	71	19.8	20.3	8.3	7.3	6.3
VKC10 IEC	71	19.8	20.3	8.3	7.3	6.3
VKC6 IEC	71	19.8	20.3	7.9	7.3	7
VKC8 IEC	71	19.8	20.3	7.9	7.3	7
VKC10 IEC	71	19.8	20.3	7.9	7.3	7



*Note: with motor connections

Available Module Lengths (Inches)

MODEL	12"	18"	24"	30"	36"	42"	48"	54"	60"
VKC6 NPT	12-5/16	18-5/16	24-1/16	30-1/16	36-1/16	42-5/16	48-5/16	54-1/16	60-5/16
VKC8 NPT	12-5/16	18-5/16	24-1/16	30-1/16	36-1/16	42-5/16	48-5/16	54-1/16	60-5/16
VKC10 NPT	12-5/16	18-5/16	24-1/16	30-1/16	36-1/16	42-5/16	48-5/16	54-1/16	60-5/16
VKC6 NPT	12-5/16	18-5/16	24-1/16	30-1/16	36-1/16	42-5/16	48-5/16	54-1/16	60-5/16
VKC8 NPT	12-5/16	18-5/16	24-1/16	30-1/16	36-1/16	42-5/16	48-5/16	54-1/16	60-5/16
VKC10 NPT	12-5/16	18-5/16	24-1/16	30-1/16	36-1/16	42-5/16	48-5/16	54-1/16	60-5/16

Model Number	Material	Bushing *	O-Ring *	Suction Inlet MNPT	Dis-charge Outlet	Max. Impeller Size Inch	Max. Flow 3450 rpm gpm	Max. Head 3450 rpm ft.	Motor 56C TEFC hp	Max. Inlet psi	Part #	Price \$
VKC6	PP	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	7430-1	\$ 881.00
VKC6	PP	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	7430-3	851.00
VKC6	PVDF	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	7431-1	1191.00
VKC6	PVDF	Carbon	Viton	1	3/4	3.1	40	45	1/2	60	7431-3	1161.00
VKC8	PP	Carbon	Viton	1 1/2	1	3.5	60	55	3/4	60	7432-1	987.00
VKC8	PP	Carbon	Viton	1 1/2	1	3.5	60	55	3/4	60	7432-3	962.00
VKC8	PVDF	Carbon	Viton	1 1/2	1	3.5	60	55	3/4	60	7433-1	1359.00
VKC8	PVDF	Carbon	Viton	1 1/2	1	3.5	60	55	3/4	60	7433-3	1334.00
VKC10	PP	Carbon	Viton	1 1/2	1	3.9	70	65	1	60	7434-1	1232.00
VKC10	PP	Carbon	Viton	1 1/2	1	3.9	70	65	1	60	7434-3	1216.00
VKC10	PVDF	Carbon	Viton	1 1/2	1	3.9	70	65	1	60	7435-1	1615.00
VKC10	PVDF	Carbon	Viton	1 1/2	1	3.9	70	65	1	60	7435-3	1599.00

Note: -1 for Single Phase (60Hz) motor or -3 for Three Phase (50-60 Hz) motor.

* EPDM O-rings and PTFE Bushings available upon request. ** 3 Phase only

Longer column lengths available upon request up to 60" (6" increments)

Webster Pumps - Horizontal End Suction Pump - Series C5, C7, & C8



General Description
The C5, C7, and C8 Series pumps are designed specifically for continuous chemical duty service. Units are available in CPVC Corzan®, fiberglass reinforced Polypropylene, and PVDF (Solef®) HP.

- Features**
- Optimum chemical resistance with choice of precision molded CPVC Corzan®, fiberglass reinforced PP or PVDF (Solef®)
 - No metal in contact with fluid being pumped
 - Viton® seal elastomers and “O” ring
 - 300 series stainless steel shaft with belt-drive or direct coupled drivers
 - Dynamically balanced enclosed impellers

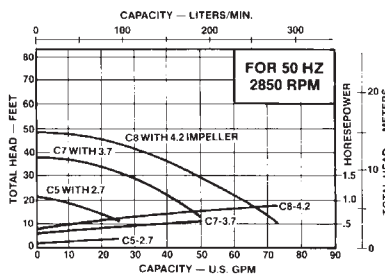
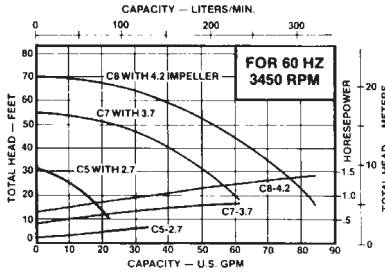
Specifications
Maximum Limits:
Liquid Temperature:
CPVC -20° to 180° F
Polypropylene -20° to 180°F (220°F with water flushed seals)
PVDF -20° to 220°F (260°F with water flushed seals)
Working Pressure: 35 psi
Motor: Heavy duty, epoxy painted, totally enclosed, 56C frame motors.
Single Phase: 3450/2850 rpm, 115/230 volt, 60/50 Hz. Include automatic thermal overload protection. Wired for 230 volts.

Applications

- Plating
- Electronics
- Photo Processing
- Pollution Control
- Chemical Processing
- Water Treatment

Options

Bearing frame for belt drive or direct coupled drivers, Double water-flushed seal, PTFE rotary seal faces and Carpenter 20 or Pink Ceramic seal seats



CPVC Corzan® 3450 / 2850 RPM 60 / 50 HZ MOTORS

Part #	Price	HP	Volts	Phase	Suction*	Discharge *	Wt. Lbs.
C5-2013	\$ 984.95	1/3	115/230	1	3/4" NPT	1/2" NPT	31
C7-2014	1133.35	1	115/230	1	1" NPT	3/4" NPT	36
C8-2015	1202.15	1 1/2	115/230	1	1 1/4" NPT	1" NPT	41

FIBERGLASS REINFORCED POLYPROPYLENE 3450 / 2850 RPM 60 / 50 HZ MOTORS

C5-2016	1053.20	1/3	115/230	1	3/4" NPT	1/2" NPT	30
C7-2017	1202.15	1	115/230	1	1" NPT	3/4" NPT	35
C8-2018	1280.65	1 1/2	115/230	1	1 1/4" NPT	1" NPT	40

PVDF (SOLEF®) 3450 / 2850 RPM 60 / 50 HZ MOTORS

C5-2019	1336.55	1/3	115/230	1	3/4" NPT	1/2" NPT	32
C7-2020	1490.30	1	115/230	1	1" NPT	3/4" NPT	37
C8-2021	1736.55	1 1/2	115/230	1	1 1/4" NPT	1" NPT	42

* The outside diameter (OD) port dimensions for the C5, C7, and C8 models in CPVC are also nominal pipe diameters. This permits solvent welding of CPVC plumbing connections to the suction and discharge ports of these models. Discharge and suction connections are female (internal) pipe connections. Note: 3 phase also available.



Webster Pumps - Polypropylene End Suction Pump - Series C10

General Description

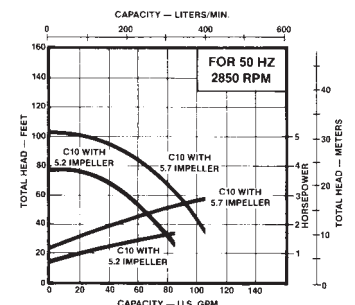
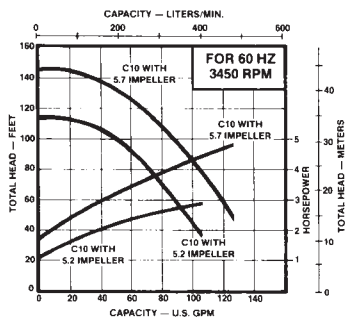
The “C10” Series pump is designed specifically for continuous chemical duty service. Units are available in fiberglass reinforced Polypropylene, with ratings of 3 and 5 HP.

- Features**
- Fiberglass reinforced Polypropylene construction for optimum chemical resistance
 - No metal in contact with fluid being pumped
 - Viton® seal elastomers and “O” ring
 - 300 Series stainless steel shaft with non-metallic shaft sleeve
 - Dynamically balanced enclosed impeller
 - TEFC motors

Specifications
Maximum Limits:
Liquid Temperature:
-20° to 180°F (220°F with water flushed seals)
Working Pressure: 35 psi
Motor: Heavy duty, epoxy painted
Three Phase: 3450/2850 rpm, 230/460 volt, 60/50 Hz. 3 phase units require magnetic starter with overload relay protection, which must be ordered separately.

Applications

- Plating
- Electronics
- Photo Processing
- Pollution Control
- Chemical Processing
- Water Treatment



FIBERGLASS REINFORCED POLYPROPYLENE 3450/2850 RPM 60/50 HZ MOTORS

Part #	Price	HP	Volts	Phase	Suction*	Discharge *	Wt. Lbs.
C10-2022	\$ 1687.10	3	208-230/460	3	1 1/2" NPT	1" NPT	60
5-C10-2023	2205.40	5	230/460	3	1 1/2" NPT	1" NPT	74

* Suction connection is female (internal) pipe thread. Discharge connection is male (external) pipe thread.

Centrifugal Pumps

Webster Pumps - Seal-Less Immersible Pumps - Marathon Series S2 / S4 / S5 / SS6 / SS7 / S8



Specifications

Maximum Limits:

Liquid Temperature:

CPVC -20° to 180° F

Polypropylene -20° to 200°F

PVDF -20° to 260°F

Motor: Heavy duty, epoxy painted 56C frame, ball bearing motors.

Application

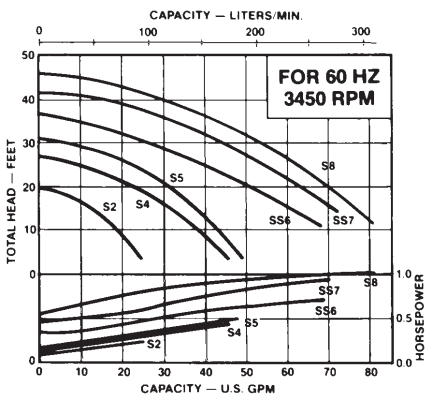
- Plating
- Chemical processing
- Electronics
- Photo processing
- Pollution control
- Water treatment

Features

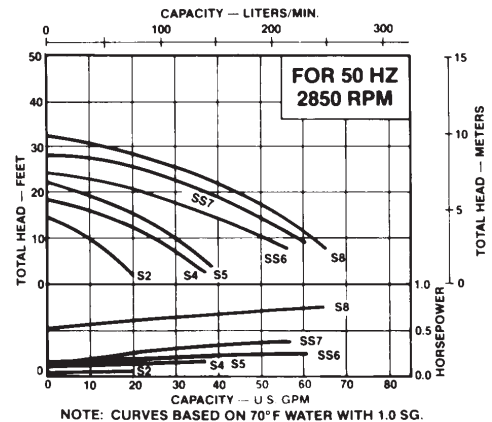
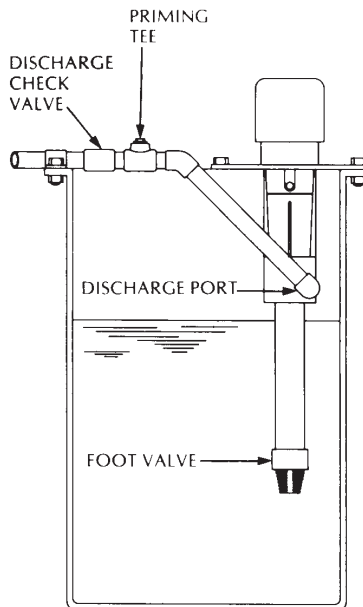
- Virtually maintenance free
- Optimum chemical resistance with choice of CPVC, fiberglass reinforce Polypropylene, or PVDF (Solef®)
- Available in ratings of 1/3, 1/2, 3/4, and 1 1/2 HP, continuous duty
- No metal in contact with fluid being pumped
- Seal-less design eliminates leaking, costly seal replacement
- Viton® "O" ring end cover seal allows mounting in liquid, or with inlet extension
- Non-overloading, continuous duty totally enclosed motors
- Teflon® fume barrier protects motor end bell and bearings from corrosion caused by vapor or fumes

CPVC Corzan® 3450 / 2850 RPM 60 / 50 HZ MOTOR							
Part #	Price	HP	Volts	Phase	Suction*	Discharge *	Wt. Lbs.
S2-2030	\$ 776.90	1/3	115/230	1	1" NPT	3/4" NPT	26
S4-2031	905.90	1/2	115/230	1	1 1/4" NPT	1" NPT	31
S5-2032	997.85	3/4	115/230	1	1 1/4" NPT	1" NPT	35
SS6-2033	1071.50	3/4	115/230	1	1 1/2" NPT	1 1/4" NPT	39
SS7-2034	1164.50	1	115/230	1	1 1/2" NPT	1 1/4" NPT	42
S8-2035	1275.25	1 1/2	115/230	1	1 1/2" NPT	1 1/4" NPT	45
FIBERGLASS REINFORCED POLYPROPYLENE 3450 / 2850 RPM 60 / 50 HZ MOTOR							
S2-2036	776.90	1/3	115/230	1	1" NPT	3/4" NPT	25
S4-2037	918.30	1/2	115/230	1	1 1/4" NPT	1" NPT	30
S5-2038	1034.40	3/4	115/230	1	1 1/4" NPT	1" NPT	34
SS6-2039	1090.30	3/4	115/230	1	1 1/2" NPT	1 1/4" NPT	38
SS7-2040	1220.45	1	115/230	1	1 1/2" NPT	1 1/4" NPT	41
S8-2041	1293.55	1 1/2	115/230	1	1 1/2" NPT	1 1/4" NPT	44
PVDF (SOLEF®) 3450 / 2850 RPM 60 / 50 HZ MOTOR							
S2-2042	1127.95	1/3	115/230	1	1" NPT	3/4" NPT	27
S4-2043	1220.45	1/2	115/230	1	1 1/4" NPT	1" NPT	32
S5-2044	1374.20	3/4	115/230	1	1 1/4" NPT	1" NPT	36
SS6-2045	1440.85	3/4	115/230	1	1 1/2" NPT	1 1/4" NPT	40
SS7-2046	1484.95	1	115/230	1	1 1/2" NPT	1 1/4" NPT	43
S8-2047	1668.80	1 1/2	115/230	1	1 1/2" NPT	1 1/4" NPT	46

* Suction connections are male (external) pipe threads. Discharge connections are female (internal) pipe threads



Centrifugal Pumps



Webster Pumps - Industrial Seal-Less Immersible Pumps - Marathon Series S12 / S16



CPVC

General Description

The "S12" and "S16" Series are rugged, chemical duty pumps available in CPVC. Precision molded, dynamically balanced, enclosed impellers with unique, "tandem" design allow pumping of abrasive solutions, ability to run dry indefinitely, and operating against closed discharge valve. Ratings of 3 and 5 HP for continuous duty operation.

Application

- Plating
- Chemical processing
- Electronics
- Photo processing
- Pollution control
- Water treatment

Features

- Virtually maintenance free
- CPVC construction for optimum chemical resistance
- No metal in contact with fluid being pumped
- Seal-less design eliminates leaking, costly seal replacement and downtime
- Viton® "O" ring end cover seal allows mounting in liquid, or with inlet extension
- Non-overloading, continuous duty TEFC motors
- Teflon® fume barrier protects motor end bell and bearings from corrosion caused by vapor or fumes
- Includes mounting bracket / discharge support and discharge piping to top of mounting bracket.

Specifications

Maximum Limits:

Liquid Temperature:

CPVC -20° to 180° F

Motor: Heavy duty, epoxy painted, TEFC, sealed ball bearing motors.

Motors and pump heads are matched for non-overloading, continuous duty throughout the entire pump performance range.

Motor Frame Size: S12 - 145TC
S16 - 184TY

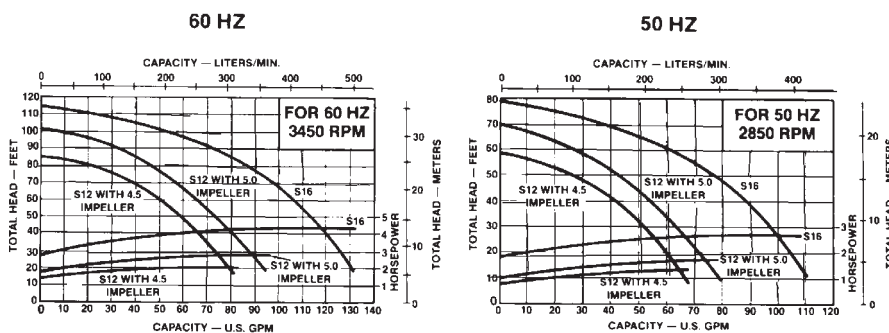
Three Phase: 3450 / 2850 rpm, 208 - 230 / 460 volt, 60 / 50 Hz. 3 phase units require magnetic starter with overload protection, which must be ordered separately

CPVC Corzan® 3450 / 2850 RPM 60 / 50 HZ MOTORS

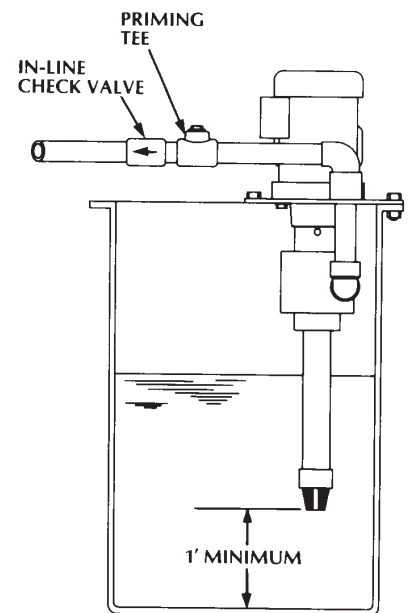
Part #	Price	HP	Volts	Phase	Suction*	Discharge *	Wt. Lbs.
S12-2048	\$ 1754.85	3	208- 230 / 460	3	3" Slip	1 1/2" NPT	75
S12-2049	1723.65	3	208- 230 / 460	3	3" Slip	1 1/2" NPT	75
S16-2050	2708.60	5	230 / 460	3	3" Slip	2" NPT	110

* Slip-on suction port connection of standard pipe diameter, for use of tubing or solvent welding of CPVC plumbing. Female (internal) pipe thread discharge connection.

PERFORMANCE CURVES



NOTE: CURVES BASED ON 70°F WATER WITH 1.0 SG.



Centrifugal Pumps

Webster Pumps - Industrial Seal-Less Immersible Pumps - Marathon Series S1 / SS1



Specifications

Maximum Limits:

Liquid Temperature:
 CPVC -20° to 180° F
 Polypropylene -20° to 200°F
 PVDF -20° to 260°F

Motor: Heavy duty, epoxy painted, with extended 316 series SS shaft, sealed ball bearings. Includes automatic thermal overload protection and 6 foot power cord with 3 prong grounded plug.

S1 (Single Phase): 3200 rpm, 115 volt, 60 Hz.

SS1 (Single Phase): 3400 / 2800 rpm, 115 / 230 volt, 60 / 50 Hz.

Model wired for 230 volt.

General Description

The "S1" and "SS1" Series are rugged, chemical duty pumps available in CPVC, Polypropylene, and PVDF (Solef®). Precision molded, dynamically balanced, semi-open impellers with unique "tandem" design allow pumping of abrasive solutions, ability to run dry indefinitely, and operating against closed discharge valve. Ratings of 1/15 and 1/8 HP for continuous duty operation.

Application

- Plating
- Chemical processing
- Electronics
- Photo processing
- Pollution control
- Water treatment

Features

- Virtually maintenance free
- Optimum chemical resistance with choice of CPVC, natural Polypropylene, or PVDF (Solef®)
- No metal in contact with fluid being pumped
- Seal-less design eliminates leaking, costly seal replacement and downtime
- Viton® "O" ring end cover seal allows mounting in liquid, or with inlet extension
- Non-overloading, continuous duty TEFC motors
- Teflon® fume barrier protects motor end bell and bearings from corrosion caused by vapor or fumes
- Integral mounting bracket

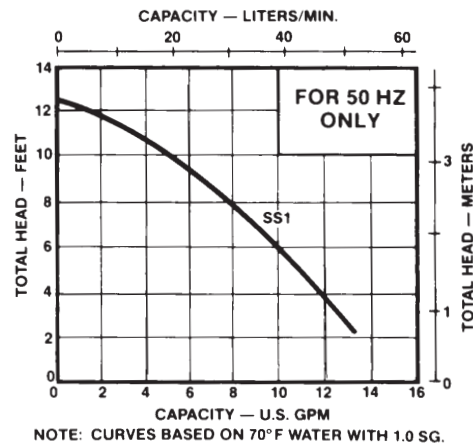
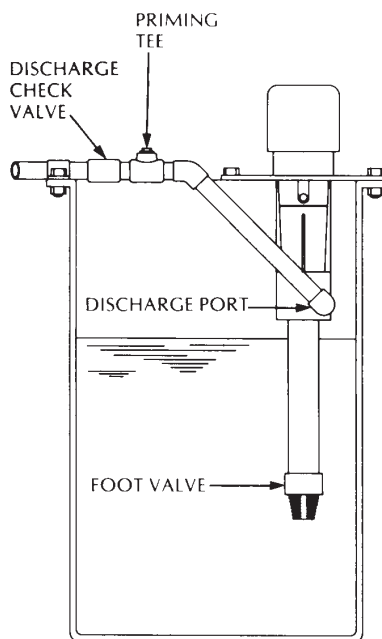
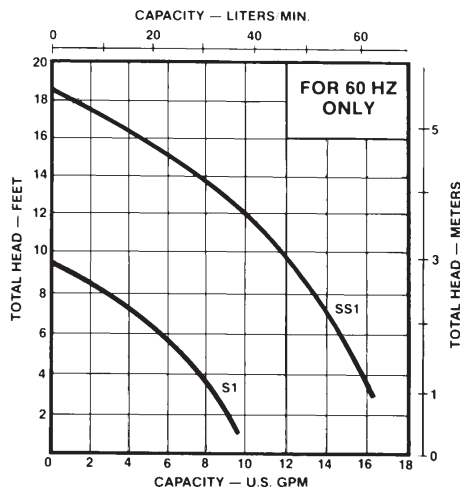
CPVC

Natural PP

PVDF

CPVC Corzan® 2 POLE RPM 60 / 50 HZ MOTORS							
Part #	Price	HP	Volts	Phase	Suction*	Discharge *	Wt. Lbs.
S1-2024	\$ 382.00	1/15	115	1	3/4" NPT	1/2" NPT	6 1/2
SS1-2025	567.75	1/8	115	1	1" NPT	1/2" NPT	8
NATURAL POLYPROPYLENE 2 POLE RPM 60 / 50 HZ MOTORS							
S1-2026	382.00	1/15	115	1	3/4" NPT	1/2" NPT	6
SS1-2027	586.00	1/8	115	1	1" NPT	1/2" NPT	7 1/2
PVDF (SOLEF®) 2 POLE RPM 60 / 50 HZ MOTORS							
S1-2028	517.75	1/15	115	1	3/4" NPT	1/2" NPT	6 1/2
SS1-2029	714.50	1/8	115	1	1" NPT	1/2" NPT	8

* Suction connections have male (external) pipe threads. Discharge connections have female (internal) pipe threads.



Centrifugal Pumps



ARO® Diaphragm Pumps

Non-Metallic Air-Operated Double Diaphragm Pumps

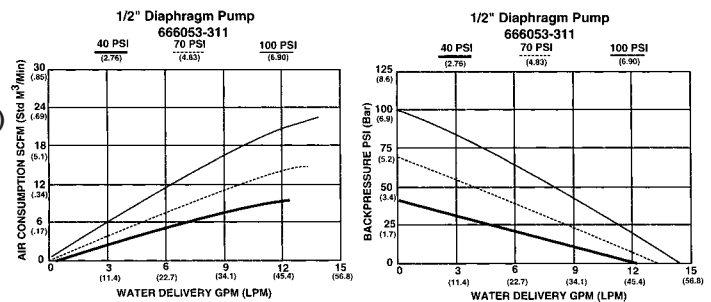


- Unbalanced Air Valve Eliminates Stalling
- Pumping Efficiency Remains Constant
- No Foaming or Shearing of Material
- Sealless Design
- Bolted Construction
- Lightweight and Portable
- No Lubrication Required
- Variable Flow Rates
- Runs Dry Without Damage
- Positive Priming Easy Start-Ups
- ISO 9001 Registered
- No Complex Controls

1/2" Model (13 GPM)

Specifications:

Ratio: 1:1
 Maximum G.P.M.: 13
 Max. Gallons (CC's) Per Cycle: .039 (.035 Teflon Diaphragms)
 Air Inlet: 1/4-inch NPT(F)
 Fluid Inlet: 1/2-inch NPT(F)
 Fluid Outlet: 1/2-inch NPT(F)
 Max. Operat. Pressure PSI (bar): 100 (6.9)
 Suspended Solids Max. Dia. In.: 3/32-inch

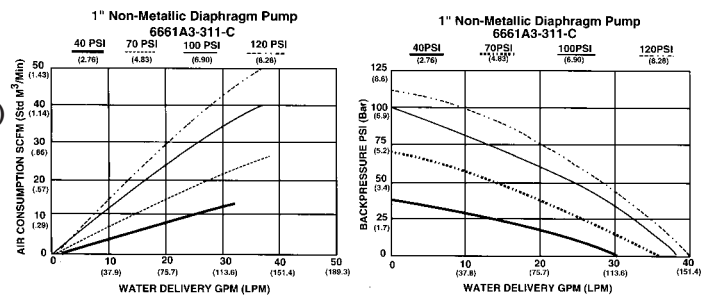


Part #	ARO Model #	Pump Body Material	Diaphragm Material	Ball Material	Check Seat Material	Air Inlet FNPT	Fluid Inlet/Outlet FNPT	Port Type	Solids Max. Dia.	Weight Lbs.	Price \$
6160	66605J-388	PP	Polyurethane	Polyurethane	PP	1/4"	1/2"	Single	3/32"	8.8	\$ 368.00
6161	66605J-3EB	PP	Santoprene	Santoprene	PP	1/4"	1/2"	Single	3/32"	8.9	385.00
6162	66605J-344	PP	Teflon	Teflon	PP	1/4"	1/2"	Single	3/32"	9.1	504.00
6163	666053-388	PP	Polyurethane	Polyurethane	PP	1/4"	1/2"	Three	3/32"	7.5	388.00
6164	666053-3EB	PP	Santoprene	Santoprene	PP	1/4"	1/2"	Three	3/32"	9.8	450.00
6165	666053-344	PP	Teflon	Teflon	PP	1/4"	1/2"	Three	3/32"	9.9	524.00

1" Model (40 GPM)

Specifications:

Ratio: 1:1
 Maximum G.P.M.: 40
 Max. Gallons (CC's) Per Cycle: .170 (.165 Teflon Diaphragms)
 Air Inlet: 1/4-inch NPT(F)
 Fluid Inlet: ANSI Class 150, 1" Flange
 Fluid Outlet: ANSI Class 150, 1" Flange
 Max. Operat. Pressure PSI (bar): 120 (8.3)
 Suspended Solids Max. Dia. In.: 1/8-inch



Part #	ARO Model #	Pump Body Material	Diaphragm Material	Ball Material	Check Seat Material	Air Inlet FNPT	Fluid Inlet/Outlet Flange	Port Type	Solids Max. Dia.	Weight Lbs.	Price \$
6166	6661A3-344-C	PP	Teflon	Teflon	PP	1/4"	1"	Flange	1/8"	25	\$ 975.00
6167	6661A3-34B-C	PP	Santoprene	Teflon	PP	1/4"	1"	Flange	1/8"	25	845.00

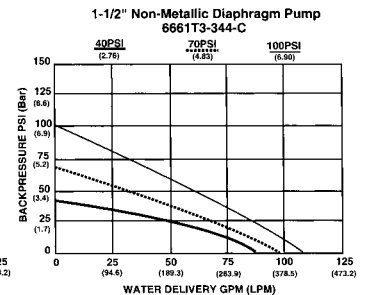
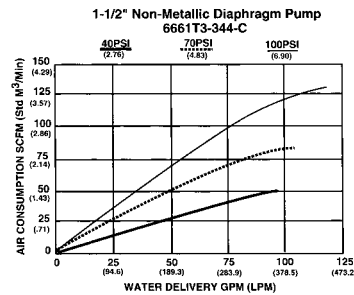


ARO® Diaphragm Pumps

1 1/2" Model (100 GPM)

Specifications:

Ratio: 1:1
 Maximum G.P.M.: 100
 Max. Gallons (CC's) Per Cycle: .72 (.70 Teflon Diaphragms)
 Air Inlet: 1/2-inch NPT(F)
 Fluid Inlet: ANSI Class 150, 1 1/2" Flange
 Fluid Outlet: ANSI Class 150, 1 1/2" Flange
 Max. Operat. Pressure PSI (bar): 120 (8.3)
 Suspended Solids Max. Dia. In.: 1/4-inch

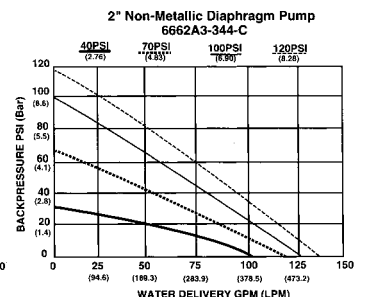
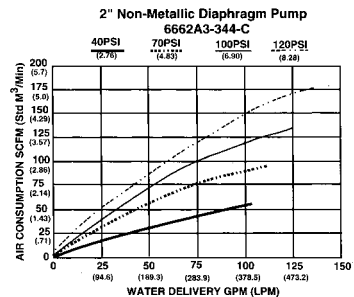


Part #	ARO Model #	Pump Body Material	Diaphragm Material	Ball Material	Check Seat Material	Air Inlet FNPT	Fluid Inlet/Outlet Flange	Port Type	Solids Max. Dia.	Weight Lbs.	Price \$
6168	6661U3-344-C	PP	Teflon	Teflon	PP	1/2"	1 1/2"	Flange	1/4"	85	\$ 2403.00
6169	6661U3-311-C	PP	Neoprene	Neoprene	PP	1/2"	1 1/2"	Flange	1/4"	85	2085.00

2" Model (145 GPM)

Specifications:

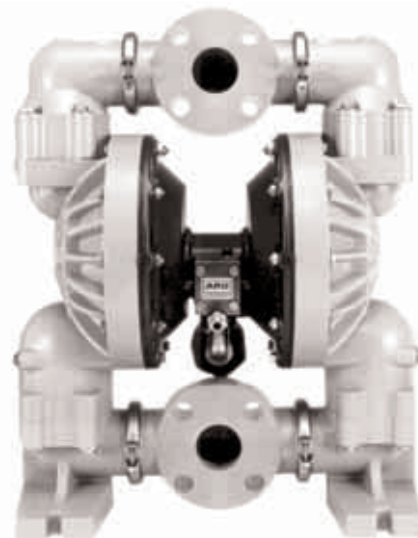
Ratio: 1:1
 Maximum G.P.M.: 145
 Max. Gallons (CC's) Per Cycle: .72 (.70 Teflon Diaphragms)
 Air Inlet: 1/2-inch NPT(F)
 Fluid Inlet: ANSI Class 150, 2" Flange
 Fluid Outlet: ANSI Class 150, 2" Flange
 Max. Operat. Pressure PSI (bar): 120 (8.3)
 Suspended Solids Max. Dia. In.: 1/4-inch



Part #	ARO Model #	Pump Body Material	Diaphragm Material	Ball Material	Check Seat Material	Air Inlet FNPT	Fluid Inlet/Outlet Flange	Port Type	Solids Max. Dia.	Weight Lbs.	Price \$
6170	6662B3-344-C	PP	Teflon	Teflon	PP	1/2"	2"	Flange	1/4"	82	\$ 3413.00
6171	6662B3-311-C	PP	Neoprene	Neoprene	PP	1/2"	2"	Flange	1/4"	82	3021.00

Pump Cross-Reference

ALSCO Part #	Wilden Model	Aro Model
6160	M1/PO/PU/PU/KU	66605J-388
6161	M1/PO/WF/WF/PP	66605J-3EB
6162	M1/PT/TF/TF/KT	66605J-344
6163	M1/PO/PU/PU/KU	666053-388
6164	M1/PO/WF/WF/PP	666053-3EB
6165	M1/PT/TF/TF/KT	666053-344
6166	M2R/PT/TF/TF/PT	6661A3-344-C
6167	M2R/PT/WF/WF/WF	6661A3-34B-C
6168	M4/PT/TF/TF/PT	6661U3-344-C
6169	M4/PC/PU/NE/PB	6661U3-311-C
6170	M8/PY/TF/TF/PT	6662B3-344-C
6171	M8/PS/PU/NE/PP	6662B3-311-C



MARATHON Pumps

MARATHON Nonmetallic Air-Operated Doubled Diaphragm Pumps

Model M1F



Model M15



Model M20



Model M30



Model M05



Design

- Bolted Design
- Flow-Through Design
- Teflon Overlay Diaph.
- No-Lube Non Stall MADS
- Commonality of Parts
- New Diaphragm & Plate Design
- New Modular Check Valve
- High Profile Manifold Assembly
- InLine Serviceable

Materials of Construction

- Polypropylene
- Kynar (PVDF)

Optional Features and Accessories

- Spill Containment with Visual Leak Detection Standard
- Electronic Leak Detection (110V or 220V)
- Pulse Output Interfaces
- Dual-Porting

Part #	Pipe Size	Body Material	GPM	Solids Handling	PSI	Diaphragm	Price \$
MARATHON Model M1F							
9400	1"	PP	0 - 45	.47"	100	Santoprene	\$ 926.00
9401	1"	PP	0 - 45	.47"	100	Teflon	1152.00
9402	1"	PVDF	0 - 45	.47"	100	Santoprene	1701.00
9403	1"	PVDF	0 - 45	.47"	100	Teflon	1927.00
MARATHON Model M15							
9404	1 1/2"	PP	0 - 90	.47"	100	Santoprene	2051.00
9405	1 1/2"	PP	0 - 90	.47"	100	Teflon	2535.00
9406	1 1/2"	PVDF	0 - 90	.47"	100	Santoprene	4186.00
9407	1 1/2"	PVDF	0 - 90	.47"	100	Teflon	4375.00
MARATHON Model M20							
9408	2"	PP	0 - 150	.66"	100	Santoprene	2990.00
9409	2"	PP	0 - 150	.66"	100	Teflon	3460.00
9410	2"	PVDF	0 - 150	.66"	100	Santoprene	6944.00
9411	2"	PVDF	0 - 150	.66"	100	Teflon	7415.00
MARATHON Model M30							
9412	3"	PP	0 - 238	.71"	100	Santoprene	4721.00
9413	3"	PP	0 - 238	.71"	100	Teflon	6996.00
9414	3"	PVDF	0 - 238	.71"	100	Santoprene	9938.00
9415	3"	PVDF	0 - 238	.71"	100	Teflon	11605.00
MARATHON Model M05							
9416	1/2"	PP	0 - 14	.125"	100	Santoprene	515.00
9417	1/2"	PP	0 - 14	.125"	100	Teflon	672.00
9418	1/2"	PVDF	0 - 14	.125"	100	Santoprene	940.00
9419	1/2"	PVDF	0 - 14	.125"	100	Teflon	1131.00

MARATHON pumps are designed to be powered only by compressed air.



Lutz® Air Operated Double Diaphragm Pumps



Features:

- Pumps anything that will pour
- Patented Lube-Free Air System
- Will Not Stall at Slow Speeds
- Non-Electrical
- Infinitely Variable Flow Rate
- Intermittent Operation or Continuous Duty
- Pumps Fluid which contain Particles
- Pumps High Viscosity Fluids
- Reduced Solvent Flash-Off
- Dual Manifold Capability for 1/2" and 1" Models
- Parts are interchangeable between models and sizes
- Large Solids handling through the Max-Pass™ valve system - 1/2" and 1" Plastic Models
- Self-Priming
- Runs Dry without damage
- Simple Modular Design

New Optional Max-Pass™ Valve System

- Increases solids handling capability by 300% and suction lift by 25%
- Up to 3/8" solids for the 1/2" plastic pumps
- Up to 3/4" solids for the 1" plastic pumps
- Abrasion resistant
- Mounts in any position
- Ideal for inks, paints, slurries, and other specialized applications



Simple Operation:

Double diaphragm pumps are operated by compressed air or any non-flammable compressed gas. The pumping stroke begins as air is delivered by the air distribution system, putting pressure on one diaphragm and then the opposite diaphragm. The two diaphragms are linked together by a common rod. The pumping stroke on one side is simultaneously the suction stroke on the opposing diaphragm alternately drawing fluid in one side while discharging fluid from the other side.

Non-Stalling Air System:

Stalling is prevented as the pilot supply air maintains a constant pressure against the air valve spool throughout the discharge stroke preventing the spool/shuttle combination from moving into a neutral or stall position. No reset buttons or magnets are required for continuous pump operation- only air. The State-of-the-Art seal technology used in the air system is more tolerant of dirty and wet air supplies. Lip seals and high wear elastomers offer outstanding cycle life. All plastic air systems used in the pumps are corrosion resistant and will not be destroyed in case of diaphragm rupture, spills or corrosive atmospheres.

Part #	Pipe Size	Body Material	Capacity	Max. Temp	Max/Min Air Press.	Diaphragm	Price \$
LPE-1/4	1/4"	PP	0 to 4.3 GPM	150° F	100/20	Santoprene	\$ 263.00
2605	1/4"	PP	0 to 4.3 GPM	150° F	100/20	Buna N	252.00
2606	1/4"	PP	0 to 4.3 GPM	150° F	100/20	Teflon	331.00
2607	1/4"	PVDF	0 to 4.3 GPM	200° F	100/20	Teflon	441.00
LPE-1/2	1/2"	PP	0 to 14 GPM	150° F	100/20	Santoprene	473.00
LPE-1/2B-MP*	1/2"	PP	0 to 4.3 GPM	150° F	100/20	Santoprene	599.00
2608	1/2"	PP	0 to 14 GPM	150° F	100/20	Buna N	462.00
LPB-1/2B-MP*	1/2"	PP	0 to 14 GPM	150° F	100/20	Buna N	599.00
2609	1/2"	PP	0 to 14 GPM	150° F	100/20	Teflon	578.00
LPT-1/2B-MP*	1/2"	PP	0 to 14 GPM	150° F	100/20	Teflon	599.00
2610	1/2"	PVDF	0 to 14 GPM	200° F	100/20	Teflon	1040.00
LKT-1/2B-MP*	1/2"	PVDF	0 to 14 GPM	200° F	100/20	Teflon	700.00
LPE-1	1"	PP	0 to 40 GPM	150° F	100/20	Santoprene	867.00
LPE-1B-MP*	1"	PP	0 to 40 GPM	150° F	100/20	Santoprene	1039.00
2611	1"	PP	0 to 40 GPM	150° F	100/20	Buna N	830.00
LPB-1B-MP*	1"	PP	0 to 40 GPM	150° F	100/20	Buna N	1039.00
2612	1"	PP	0 to 40 GPM	150° F	100/20	Teflon	1113.00
LPT-1B-MP*	1"	PP	0 to 40 GPM	150° F	100/20	Teflon	1039.00
2613	1"	PVDF	0 to 40 GPM	200° F	70/20	Teflon	1780.00
LKT-1B-MP*	1"	PVDF	0 to 40 GPM	200° F	70/20	Teflon	1039.00
LPE-1 1/2	1 1/2"	PP	0 to 95 GPM	150° F	100/20	Santoprene	2069.00
LPB-1 1/2	1 1/2"	PP	0 to 95 GPM	150° F	100/20	Buna N	1990.00
LPT-1 1/2	1 1/2"	PP	0 to 95 GPM	150° F	100/20	Teflon	2284.00
LKT-1 1/2	1 1/2"	PVDF	0 to 95 GPM	200° F	70/20	Teflon	4410.00
LPE-2	2"	PP	0 to 150 GPM	150° F	100/20	Santoprene	3045.00
2614	2"	PP	0 to 150 GPM	150° F	100/20	Buna N	2898.00
2615	2"	PP	0 to 150 GPM	150° F	100/20	Teflon	3255.00
2616	2"	PVDF	0 to 150 GPM	200° F	70/20	Teflon	7140.00

*Part numbers that end in MP are for the Max-Pass™ Valve system.

ALSCO Electronic Metering Pumps



Note: Contact our sales office if you don't see the pump you need. We have many other selections not listed.

Chemical Metering Pumps



Features

- **Pressure Limited**— No mechanical linkage. When the back pressure exceeds the strength of the magnetic force developed by the power coil, the pump stops stroking. No damage will occur to the pump.
- **Constant Discharge Velocity / Better Valve Action**— Actual speed of each discharge stroke remains the same, no matter how low the stroke frequency is set. Sharp valve action is not sacrificed when pump speed is reduced.
- **Wide Rangeability** — Both stroke length and stroke frequency are adjustable and have a multiplying effect. A practical adjustability range of 200 to 1 is common.
- **Easy Adaptability To Automatic Control** — Standard A, B, and C Series pumps are equipped to respond to an external switch closure such as that delivered by the LMI Flowmeter-Pulsar. They can also respond to standard analog instrument signals by means of the LMI Liquitron Converter. Versions are available to respond to a 4-20 milliamp DC instrument signal directly without intervening instrumentation.
- **Simplicity of Moving Unit** — Only one moving unit, the armature - diaphragm assembly. Requires no lubrication in service. No rotating masses such as motor or reduction gears.
- **Modular Construction** — Components and major assemblies easily replaced. No soldering required to replace any part of the LMI pump.
- **Totally Enclosed** — Corrosion proof glass fiber reinforced polypropylene housings keep pump protected from chemicals and atmosphere.
- **Low Consumption of Electrical Energy** — LMI pumps use power only during the discharge portion of each stroke thus causing minimum electrical consumption and low heat generation. No ventilation required.
- **Independent of Power Line Frequency** — LMI pumps can operate with any line frequency from 25 to 66 Hz without change in output or damage to the pump.

AA Series Pumps

Key Features / Benefits:

- Rigid stroke bracket assembly for highly accurate / consistent dosing performance
- Advanced control options for simplified system integration (pulse multiply / divide, 4-20mA, remote on / off)
- 5-level power control option to reduce system shock and extend the life of the pump
- External pacing for flow proportional applications

Maximum Output

Series AA: 2.0 GPH (7.6 l/h)

Maximum Pressure

Series AA: 250 psi (17.3 Bar)

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8700	637.00	Polypro	Ceramic	0.58 / 250	PTFE	PE .250" O.D.	120V AC	AA141-155
8701	685.00	Polypro	Ceramic	0.58 / 250	PTFE	PE .250" O.D.	120V AC	AA141-155S
8702	639.00	PVDF	Ceramic	0.58 / 250	PVDF / Polyprel®	PE .250" O.D.	120V AC	AA141-352SI

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. O-Rings	Tubing & Connections	Electrical	Model #
8705	680.00	PVC	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA751-398SI
8709	560.00	PVC	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA151-398TI
8711	719.00	PVDF / PVDF	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA751-392SI
8718	758.00	PVC	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA751-498SI
8703	686.00	PVC	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA151-498SI
8714	710.00	PVC	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA751-498TI
8715	638.00	PVC	Ceramic	1.0 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA151-498TI
8717	758.00	PVC	Ceramic	1.0 / 110	PTFE	Pipe 1/4" NPT M	120V AC	AA751-498SP
8720	686.00	PVC	Ceramic	1.0 / 110	PTFE	Pipe 1/4" NPT M	120V AC	AA151-498SP

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8723	665.00	PVC / PVC	Ceramic	2.0 / 50	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA161-468TI

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8724	594.00	PVC	Ceramic	0.42 / 140	PVDF / Polyprel®	PE .250" O.D.	120V AC	AA771-358SI
8726	633.00	PVDF / PVDF	Ceramic	0.42 / 140	PVDF / Polyprel®	PE .250" O.D.	120V AC	AA771-352SI

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8712	609.00	PVC	Ceramic	0.75 / 80	PVDF / Polyprel®	PE .375" O.D.	120V AC	AA181-498SI

ALSCO Electronic Metering Pumps



Key Features / Benefits for Series B and C Pumps:

- Rigid stroke bracket assembly for highly accurate / consistent dosing performance
- Advanced control options for simplified system integration (pulse multiply / divide, 4-20mA, remote on / off)
- 5-level power control option to reduce system shock and extend the life of the pump
- External pacing for flow proportional applications

Maximum Output

Series B: 7.0 GPH (26.5 l/h)

Maximum Pressure

Series B: 150 psi (10.3 Bar)

Chemical Metering Pumps

B Series Pumps

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8743	953.00	PVC	Ceramic	1.6 / 150	PVDF / Polyprel®	PE .375" O.D.	120V AC	B111-498SI
8751	1040.00	Polypro	Ceramic	1.6 / 150	PTFE	PE .375" O.D.	120V AC	B711-95S
8745	953.00	PVC	Ceramic	2.5 / 100	PVDF / Polyprel®	PE .375" O.D.	120V AC	B121-498SI
8746	981.00	PVC	Ceramic	2.5 / 100	PVDF / Polyprel®	PE .375" O.D.	120 V AC	B721-498TI
8752	1029.00	PVC	Ceramic	4.5 / 50	PVDF / Polyprel®	PE .375" O.D.	120V AC	B731-468SI
8748	905.00	PVC	Ceramic	4.5 / 50	PVDF / Polyprel®	PE .375" O.D.	120V AC	B131-468TI
8749	1060.00	PVC / PVDF	Ceramic	7.0 / 30	Polyprel®	PE .5" O.D.	120V AC	B141-12S
8766	1153.00	Polypro	Ceramic	7.0 / 30	PTFE	PE .5" O.D.	120V AC	B741-15S

C Series Pumps

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8741	1234.00	PVC	Ceramic	2.5 / 150	PVDF / Polyprel®	PE .375" O.D.	120V AC	C111-468SI
8744	1234.00	PVC	Ceramic	4.0 / 100	PVDF / Polyprel®	PE .375" O.D.	120V AC	C121-468SI
8754	1262.00	PVC	Ceramic	8.0 / 60	PVDF / Polyprel®	PE .5" O.D.	120V AC	C731-318TI
8755	1270.00	Acrylic / PVC	Ceramic	8.0 / 60	Hypalon®	PE .5" O.D.	120V AC	C131-20
8756	1299.00	PVC	Ceramic	8.0 / 60	PTFE	Pipe 1/2" NPT M	120V AC	C131-24
8747	1289.00	Polypro	Ceramic	8.0 / 60	PTFE	PE .5" O.D.	120V AC	C131-25T
8757	1342.00	PVC	Ceramic	8.0 / 60	Viton®	PE .5" O.D.	120V AC	C731-26
8753	1573.00	PVC	Ceramic	20 / 25	PTFE	Pipe 1/2" NPT M	120V AC	C741-34
8760	1497.00	PVC	Ceramic	20 / 25	PTFE	Pipe 1/2" NPT M	120V AC	C141-34
8758	1564.00	Polypro	Ceramic	20 / 25	PTFE	PE .5" O.D.	120V AC	C741-35T
8759	1542.00	PVC	Ceramic	20 / 25	PTFE	PE .5" O.D.	120V AC	C741-36
8750	1466.00	PVC	Ceramic	20 / 25	PTFE	PE .5" O.D.	120V AC	C141-36
8761	1479.00	PVC	Ceramic	10 / 80	Viton®	PE .5" O.D.	120V AC	C771-26
8762	1735.00	Polypro	Ceramic	25 / 30	PTFE	Pipe 1/2" NPT M	120V AC	C781-35P
8763	1680.00	PVC	Ceramic	25 / 30	PTFE	PE .5" O.D.	120V AC	C781-36

P Series Pumps



Key Features / Benefits:

- High quality construction for durability
- Compact Size; ideal for OEM applications
- Fixed speed versions for simple, low cost applications

Maximum Output

Series P: 2.0 GPH (7.6 l/h)

Maximum Pressure

Series P: 250 psi (17.3 Bar)

Part #	Price \$	Head / Fittings	Balls	GPH / PSI	Cartridge Vlv. or Seal Ring	Tubing & Connections	Electrical	Model #
8767	431.00	PVDF / PVDF	Ceramic	0.21 / 150	PVDF / Polyprel®	PE .250" O.D.	120V AC	P121-352TI
8768	454.00	PVC	Ceramic	0.42 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	P131-398SI
8769	406.00	PVC	Ceramic	0.42 / 110	PVDF / Polyprel®	PE .375" O.D.	120V AC	P131-398TI
8770	419.00	PVC	Ceramic	0.58 / 250	PVDF / Polyprel®	PE .250" O.D.	120 V AC	P141-358TI



Chemical Metering Pumps

PLAST-O-MATIC Air Operated • Positive Displacement



PLAST-O-MATIC'S CHEMICAL METERING PUMPS ARE EXPLOSION-PROOF AND SELF-PRIMING. THEY ARE DESIGNED TO DELIVER EXACT QUANTITIES OF HIGHLY CORROSIVE OR ULTRA-PURE LIQUIDS SUCH AS SULPHURIC ACID, HYDROCHLORIC ACID, CHLORINE, CAUSTICS, AND DEMINERALIZED WATER.

Utilization of **PLAST-O-MATIC** pumps in automating chemical handling systems can increase employee safety, eliminate waste and error, insure a better end product, and reduce overall operating costs.

FAIL- DRY* DESIGN

PLAST-O-MATIC chemical metering pumps feature the patented FAIL-DRY* design concept of having a vented chamber separating two sealed sections of a valve or, as in this case, a pump.

MATERIALS OF CONSTRUCTION

Pump bodies, shaft and piston assemblies, and cylinder walls are constructed of TYPE 1, GRADE 1 PVC (Polyvinyl Chloride). Optional stainless steel cylinder walls are available when chemicals are compatible with 304 stainless steel. Elastomers offered—Buna-N (nitrile rubber), EPDM and Viton (fluorocarbon rubber). Optional Teflon cap seals.

CAPACITY AND ACCURACY

Pumps are available with maximum per cycle capacities of 7 ounces, 10 ounces, 32 ounces and 128 ounces. A cycle is one up and down stroke of the piston assembly. They can be cycled up to 10 times per minute when pumping water or liquids of similar gravities and viscosities. While the pump discharge adjustment is simple, it is recommended that the discharge amount be physically measured. Once the measured amount is set and checked the accuracy of the discharged repeatability is approx. 1/2 of 1%.

CYCLE LIFE

PVC cylinder walls to be between 100,000 and 300,000 cycles. With stainless steel cylinder over 1,000,000 cycles.

INSTALLATION

PLAST-O-MATIC chemical metering pumps should always be installed vertically with the pump inlet never more than 10 feet above the end of the suction line. To obtain the longest cycle life, it is imperative that the operating air supply line be lubricated and filtered to eliminate foreign matter from entering and scoring the cylinder walls.

Capacity Ounces	Inlet & Outlet Pipe Size (NPT)	Pumping Capacity *** GPM	Minimum Operating psi	Maximum Operating psi	Air Cylinder Consumption *** (C.F.M.) at Different Air Line Pressures				Cylinder Wall & Body Material	Part ** #	Price \$
					40 psi	60 psi	80 psi	100 psi			
7	1/2"	.55	20	100	.55	.77	.99	1.21	PVC	3131-V	844.00
7	1/2"	.55	20	100	.55	.77	.99	1.21	PVC	3131-E	794.00
7	1/2"	.55	20	100	.55	.77	.99	1.21	PVC	3131-B	794.00
10	1/2"	.79	20	100	.75	1.05	1.35	1.65	PVC	3132-V	1026.00
10	1/2"	.79	20	100	.75	1.05	1.35	1.65	PVC	3132-E	959.00
10	1/2"	.79	20	100	.75	1.05	1.35	1.65	PVC	3132-B	959.00
32	3/4"	2.50	20	100	2.78	3.06	4.44	5.55	PVC	3133-V	1773.00
32	3/4"	2.50	20	100	2.78	3.06	4.44	5.55	PVC	3133-E	1688.00
32	3/4"	2.50	20	100	2.78	3.06	4.44	5.55	PVC	3133-B	1688.00
128	1"	10.00	10	40	11.00	-	-	-	PVC	3134-V	3602.00
128	1"	10.00	10	40	11.00	-	-	-	PVC	3134-E	3209.00
128	1"	10.00	10	40	11.00	-	-	-	PVC	3134-B	3209.00

NOTE: All prices are for a single acting metering pump. For pricing information on double acting (liquid discharge from both ends) metering pumps, consult an ALSCO Sales Consultant.

Cylinder wall available in stainless steel for longer Cycle Life. Body material(wetted areas) also available in Natural PP and PVDF.

* Registered Trademark of Plast-o-Matic Valves, Inc.

† Registered Trademark of E.I. DuPont De Nemours & Co.

** The letters added to end of Part # stand for seal material: V - Viton, E - EPDM, or B - Buna-N

*** BASED ON TEN (10) CYCLES PER MINUTE PUMPING WATER

Banjo Pumps

2" Close Coupled Electric Driven Cast Iron Pump

Complete Pump with Standard-E (Efficient) Industrial Baldor Electric Motors!



Features:

- Cast iron construction for rugged dependable service.
- Stainless steel shaft sleeve to protect engine shaft.
- Carbon ceramic seal with stainless steel cup and spring with FKM rubber
- Replaceable inlet and outlet flanges.
- Dynamically balanced impeller.

Part #	Size & Description	Price
3518	2" CI Pump 5 HP 3450 RPM Motor 3 Phase	\$ 2314.07
3519	2" CI Pump 5 HP 3450 RPM Motor Single Phase	2948.35
3520	2" CI Pump 3 HP 3450 RPM Motor 3 Phase	1967.44

Gas Driven Cast Iron and Polypropylene Centrifugal Pumps Self-Priming



Actual Pump May Vary

PRECAUTION - WARNING: Please do not run pumps dry, restrict or reduce port sizes or dead head pump. This could cause component failure to pump

Cast Iron

Features:

- Cast iron construction for rugged dependable service.
- Stainless steel shaft sleeve to protect engine shaft.
- Carbon ceramic seal with stainless steel housing and FKM (viton type) rubber parts.
- Available in 1 1/2", 2", and 3" sizes.
- Briggs & Stratton or Honda gas engines. 3, 5, and 8 H.P. Briggs & Stratton. 5, 8, and 11 H.P. Honda.

Polypropylene

Features:

- Precision molded construction.
- Corrosion resistant.
- Low maintenance
- Lightweight

Material: High strength polypropylene glass reinforced. Rubber parts are made of EPDM. Also available in Buna "N" and FKM (viton type)

Perfectly Balanced Impeller: Impeller is molded, the flutes are uniform in thickness and shape giving perfect balance. The impeller is lightweight, which reduces load and wear on the engine crankshaft bearing.

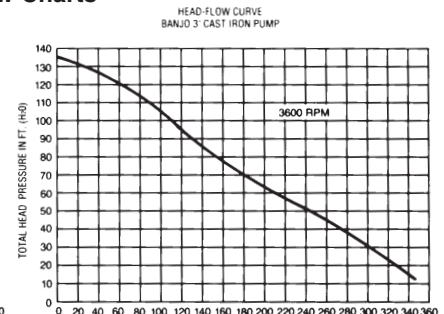
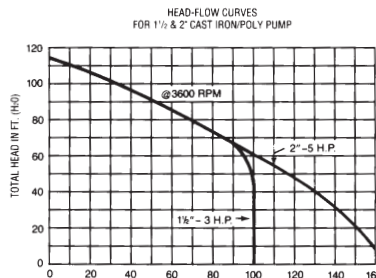


Actual Pump May Vary

PRECAUTION - WARNING: Please do not run pumps dry, restrict or reduce port sizes or dead head pump. This could cause component failure to pump.

Part #	Description	Price
3507	2" x 2" Cast Iron Pump x 3 H.P. Briggs	1055.99
3508	2" x 2" Cast Iron Pump x 5 H.P. Honda	1924.72
3509	3" x 3" Cast Iron Pump x 8 H.P. Honda	3919.10
3510	3" x 3" Cast Iron Pump x 11 H.P. Honda	4237.74
3511	1 1/2" Polypro Pump x 3 H.P. Briggs	774.34
3512	2" Polypro Pump x 3 H.P. Briggs	774.34
-	-	-
3514	2" Polypro Pump x 5 H.P. Honda	1570.65

Flow Charts



Hydraulic Motor Driven Cast Iron Pump Self-Priming

Pump

- Rugged construction for dependable service
- Carbon ceramic seal with stainless steel cap and spring with FKM (Viton type) rubber
- Replaceable inlet and outlet flanges
- Dynamically balanced impeller

Hydraulic Motor

- Hydraulic fluid capacity Min. 6 gal./Max. 10 gal.
- 12 H.P. Motor
- Open or closed system
- Minimum 500 P.S.I.
- Maximum 2000 P.S.I.



Part #	Description	Price
3515	2" Pump w/Gresen Hydraulic Motor	\$1999.01

MIXERS

General Purpose High Speed (1725 RPM) Electric Mixers

High Speed Mixers are well suited for applications with relatively low viscous liquids (1-400 cps) and tank sizes ranging from 30 to 400 gallons. With a variety of mountings, motor types, voltages and mixing elements, there is a suitable Wingert Mixer for every job.

Features

- 1725 RPM
- Continuous duty
- Bracket, clamp, flange, thread or tank stand mount
- TEFC, open, variable speed, explosion proof or air powered motors
- Available with stainless steel impellers/propellers or neoprene impellers
- Factory wiring, topical coating, variable shaft lengths & other options available



Part #	Description Open,115V Motor Type	Mount Type	Shaft Dia. x Len.	Price \$
5600-34BI	1/4HP,Open,115V,SS Impeller Elec. Mixer	Bracket	1/2" x 34"	349.00
5600-34BP	1/4HP,Open,115V,SS Propeller Elec. Mixer	Bracket	1/2" x 34"	400.00
5600-34CI	1/4HP,Open,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 34"	380.00
5600-34CP	1/4HP,Open,115V,SS Propeller Elec. Mixer	Clamp	1/2" x 34"	450.00
5600-36CP	1/4HP,Open,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	482.00
5601-36BI	1/3HP,Open,115V,SS Impeller Elec. Mixer	Bracket	1/2" x 36"	303.00
5601-36BP	1/3HP,Open,115V,SS Propeller Elec. Mixer	Bracket	1/2" x 36"	347.00
5601-36CI	1/3HP,Open,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	353.00
5601-36CP	1/3HP,Open,115V,SS Propeller Elec. Mixer	Clamp	1/2" x 36"	396.00
5601-36FI	1/3HP,Open,115V,SS Impeller Elec. Mixer	Flange	1/2" x 36"	278.00
5601-36FP	1/3HP,Open,115V,SS Propeller Elec. Mixer	Flange	1/2" x 36"	352.00
5602-36BI	1/2HP,Open,115V,SS Impeller Elec. Mixer	Bracket	1/2" x 36"	400.00
5602-36BP	1/2HP,Open,115V,SS Propeller Elec. Mixer	Bracket	1/2" x 36"	496.00
5602-36CI	1/2HP,Open,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	444.00
5602-36CP	1/2HP,Open,115V,SS Propeller Elec. Mixer	Clamp	1/2" x 36"	540.00
5603-44BI	1HP,Open,115V,SS Impeller Elec. Mixer	Bracket	5/8" x 44"	675.00
5603-44BP	1HP,Open,115V,SS Propeller Elec. Mixer	Bracket	5/8" x 44"	878.00
5603-44CI	1HP,Open,115V,SS Impeller Elec. Mixer	Clamp	5/8" x 44"	696.00
5603-44CP	1HP,Open,115V,SS Propeller Elec. Mixer	Clamp	5/8" x 44"	948.00

Part #	Description TEFC,115V,1PHS,60Hz Motor Type	Mount Type	Shaft Dia. x Len.	Price \$
5604-28BI	1/20HP,VARI,115V,SS Impeller Elec. Mixer	Bracket	5/16" x 28"	997.00
5604-28BP	1/20HP,VARI,115V,SS Propeller Elec. Mixer	Bracket	5/16" x 28"	950.00
5604-28CI	1/20HP,VARI,115V,SS Impeller Elec. Mixer	Clamp	5/16" x 28"	926.00
5604-28CP	1/20HP,VARI,115V,SS Propeller Elec. Mixer	Clamp	5/16" x 28"	1010.00
5604-28FI	1/20HP,TEFC,115V,SS Impeller Elec. Mixer	Flange	5/16" x 28"	199.00
5604-28FP	1/20HP,TEFC,115V,SS Propeller Elec. Mixer	Flange	5/16" x 28"	260.00
5604-36FI	1/20HP,TEFC,115V,SS Impeller Elec. Mixer	Flange	5/16" x 36"	199.000
5605-34BI	1/4HP,TEFC,115V,SS Impeller Elec. Mixer	Bracket	1/2" x 34"	397.00
5605-34BP	1/4HP,TEFC,115V,SS Propeller Elec. Mixer	Bracket	1/2" x 34"	449.00
5605-34CI	1/4HP,TEFC,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 34"	442.00
5605-34CP	1/4HP,TEFC,115V,SS Propeller Elec. Mixer	Clamp	1/2" x 34"	493.00
5606-36BI	1/3HP,TEFC,115V,SS Impeller Elec. Mixer	Bracket	1/2" x 36"	434.00
5606-36BP	1/3HP,TEFC,115V,SS Propeller Elec. Mixer	Bracket	1/2" x 36"	478.00
5606-36CI	1/3HP,TEFC,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	479.00
5606-36CP	1/3HP,TEFC,115V,SS Propeller Elec. Mixer	Clamp	1/2" x 36"	523.00
5606-36FI	1/3HP,TEFC,115V,SS Impeller Elec. Mixer	Flange	1/2" x 36"	483.00
5606-36FP	1/3HP,TEFC,115V,SS Propeller Elec. Mixer	Flange	1/2" x 36"	527.00
5607-36BI	1/2HP,TEFC,115V,SS Impeller Elec. Mixer	Bracket	1/2" x 36"	485.00
5607-36BP	1/2HP,TEFC,115V,SS Propeller Elec. Mixer	Bracket	1/2" x 36"	562.00
5607-36CI	1/2HP,TEFC,115V,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	510.00
5607-36CP	1/2HP,TEFC,115V,SS Propeller Elec. Mixer	Clamp	1/2" x 36"	606.00
5608-44BI	1HP,TEFC,115V,SS Impeller Elec. Mixer	Bracket	5/8" x 44"	698.00
5608-44BP	1HP,TEFC,115V,SS Propeller Elec. Mixer	Bracket	5/8" x 44"	864.00
5608-44CI	1HP,TEFC,115V,SS Impeller Elec. Mixer	Clamp	5/8" x 44"	734.00
5608-44CP	1HP,TEFC,115V,SS Propeller Elec. Mixer	Clamp	5/8" x 44"	914.00



MIXERS

General Purpose High Speed (1725 RPM) Electric Mixers



Part #	Description Explosion Proof Motor Type	Mount Type	Shaft Dia. x Len.	Price \$
5609-34BI	1/4HP,Expl proof,SS Impeller Elec. Mixer	Bracket	1/2" x 34"	774.00
5609-34BP	1/4HP,Expl proof,SS Propeller Elec. Mixer	Bracket	1/2" x 34"	792.00
5609-34CI	1/4HP,Expl proof,SS Impeller Elec. Mixer	Clamp	1/2" x 34"	783.00
5609-34CP	1/4HP,Expl proof,SS Propeller Elec. Mixer	Clamp	1/2" x 34"	837.00
5610-36BI	1/3HP,Expl proof,SS Impeller Elec. Mixer	Bracket	1/2" x 36"	812.00
5610-36BP	1/3HP,Expl proof,SS Propeller Elec. Mixer	Bracket	1/2" x 36"	858.00
5610-36CI	1/3HP,Expl proof,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	856.00
5610-36CP	1/3HP,Expl proof,SS Propeller Elec. Mixer	Clamp	1/2" x 36"	902.00
5611-36BI	1/2HP,Expl proof,SS Impeller Elec. Mixer	Bracket	1/2" x 36"	828.00
5611-36BP	1/2HP,Expl proof,SS Propeller Elec. Mixer	Bracket	1/2" x 36"	927.00
5611-36CI	1/2HP,Expl proof,SS Impeller Elec. Mixer	Clamp	1/2" x 36"	872.00
5611-36CP	1/2HP,Expl proof,SS Propeller Elec. Mixer	Clamp	1/2" x 36"	970.00
5612-44BI	1HP,Expl proof,SS Impeller Elec. Mixer	Bracket	5/8" x 44"	967.00
5612-44BP	1HP,Expl proof,SS Propeller Elec. Mixer	Bracket	5/8" x 44"	1195.00
5612-44CI	1HP,Expl proof,SS Impeller Elec. Mixer	Clamp	5/8" x 44"	1010.00
5612-44CP	1HP,Expl proof,SS Propeller Elec. Mixer	Clamp	5/8" x 44"	1239.00

Accessories

Shaft Assemblies							Shaft Only						
Shaft Size O.D.	Impeller / Propeller	Mixer Type HP Size					Description	Part #	Price \$	Part #	Description	Price \$ Drilled for SS Impeller	
		1/20	1/4	1/3	1/2	1							-
5/16"	Impeller	■					5/16" x36" w/1 Impeller	5500	\$ 45.00	5514	1/2" x 36" SS 304 (Max. / 36")**	* (1 set) \$ 32.00	
	Propeller	■					5/16" x36" w/1 Propeller	5501	164.00	5515	5/8" x 48" SS 304 (Max. / 48")	* (1 set) \$ 56.00	
1/2"	Stainless Impeller		■				1/2" x36" w/1 Impeller	5502	53.00	* Drilled per set required, specify at time of ordering.			
				■			1/2" x36" w/2 Impellers	5503	67.00	** Mixers with longer than 36" shaft will be increased to 5/8" dia.			
	Stainless Propeller				■		1/2" x36" w/3 Impellers	5504	84.00	● Based on standard mixer or less than standard mixer length.			
			■	■			1/2" x36" w/1 Propeller	5505	123.00	● Based on longer than standard mixer shaft lengths.			
5/8"	Stainless Impeller			●			1/2" x36" w/2 Propellers	5506	209.00	Optional Features			
					●		5/8" x48" w/ 1 Impeller	5507	75.00	Description			
						●	5/8" x48" w/2 Impellers	5508	92.00	Price \$			
	Stainless Propeller					●	5/8" x48" w/3 Impellers	5509	104.00	316 SS shaft and IP / PRP in place of standard 304 SS			21.00
						■	5/8" x48" w/4 Impellers	5510	121.00	316 SS coupling in place of standard brass coupling			78.00
			●	●			5/8" x48" w/1 Propeller	5511	154.00	On / Off switch installed on TEFC series mixers only			33.00
					●	5/8" x48" w/2 Propellers	5512	243.00	Black epoxy coating on SS shaft & impellers / propellers			47.00	
					■	5/8" x 48" w/4 Propellers	5513	431.00	Longer than standard shaft (1/20 HP max. is 36". All others max. is 48".)			32.00	



Impeller



Propeller

Application Suggestions: This chart is a general reference for mixer selection.

BASIC CONSISTENCY	TANK SIZE								
	SSU	CP	30	50	100	200	300	500	1000
Water, Kerosene, Blood	30	1	1/20 HP	1/20 HP	1/4 HP	1/3 HP	1/2 HP	1 HP	
10-20 WT OIL, Olive Oil	1000	100	1/20 HP	1/4 HP	1/3 HP	1/2 HP	1 HP		
Glycerin, 30 WT OIL	2000	300	1/4 HP	1/3 HP	1/2 HP	1 HP			
Latex Paint, Glucose	2800	500	1/3 HP	1/2 HP	1 HP				
Caster Oil, Catsup	5700	1000	1/2 HP	1 HP					

NOTE: For larger tanks or heavier mixing requirements contact our sales office.

CP (centipoise) - the poise is the cgs-metric system unit of viscosity and has the dimensions of dyne-seconds per square centimeter or grams per centimeter-second.

General Purpose High Speed Air Mixers

Features

- Comes ready to install w/ step by step installation and operation instructions
- Explosion proof design
- Controlled torque
- Variable speed capability
- Light weight rotary vane air motor

Options

- Propellers / Impellers - Neoprene or SS
- 1" PVC Suction Tube Shield
- 316 SS Coupling in place of Brass
- Black Epoxy Coating
- Special Shaft Length (Max. 60")
- Custom mixers made to your specifications



Part #	Description Air Type	Mount Type	Shaft Dia. x Len.	Price \$
5613-34BI	1 SS Impeller/Clockwise Rotation Air Mixer,1/4HP	Bracket	1/2" x 34"	481.00
5613-34BP	1 SS Propeller/Clockwise Rotation Air Mixer,1/4HP	Bracket	1/2" x 34"	533.00
5613-34CI	1 SS Impeller/Clockwise Rotation Air Mixer,1/4HP	Clamp	1/2" x 34"	536.00
5613-34CP	1 SS Propeller/Clockwise Rotation Air Mixer,1/4HP	Clamp	1/2" x 34"	588.00
5614-34FI	1 SS Impeller/Reversible Rotation Air Mixer,1/4HP	Flange	1/2" x 34"	552.00
5614-34FP	1 SS Propeller/Reversible Rotation Air Mixer,1/4HP	Flange	1/2" x 34"	601.00
5615-36BI	2 SS Impellers/Clockwise Rotation Air Mixer,1/3HP	Bracket	1/2" x 36"	487.00
5615-36BP	2 SS Propellers/Clockwise Rotation Air Mixer,1/3HP	Bracket	1/2" x 36"	534.00
5615-36CI	2 SS Impellers/Clockwise Rotation Air Mixer,1/3HP	Clamp	1/2" x 36"	543.00
5615-36CP	2 SS Propellers/Clockwise Rotation Air Mixer,1/3HP	Clamp	1/2" x 36"	589.00
5616-36FI	2 SS Impellers/Reversible Rotation Air Mixer,1/3HP	Flange	1/2" x 36"	561.00
5616-36FP	2 SS Propellers/Reversible Rotation Air Mixer,1/3HP	Flange	1/2" x 36"	644.00
5617-36BI	3 SS Impellers/Reversible Rotation Air Mixer,1/2HP	Bracket	1/2" x 36"	645.00
5617-36BP	3 SS Propellers/Reversible Rotation Air Mixer,1/2HP	Bracket	1/2" x 36"	765.00
5617-36CI	3 SS Impellers/Reversible Rotation Air Mixer,1/2HP	Clamp	1/2" x 36"	700.00
5617-36CP	3 SS Propellers/Reversible Rotation Air Mixer,1/2HP	Clamp	1/2" x 36"	799.00
5617-36FI	3 SS Impellers/Reversible Rotation Air Mixer,1/2HP	Flange	1/2" x 36"	569.00
5617-36FP	3 SS Propellers/Reversible Rotation Air Mixer,1/2 HP	Flange	1/2" x 36"	741.00
5618-44BI	4 SS Impellers/Reversible Rotation Air Mixer,1HP	Bracket	5/8" x 44"	659.00
5618-44BP	4 SS Propellers/Reversible Rotation Air Mixer,1HP	Bracket	5/8" x 44"	893.00
5618-44CI	4 SS Impellers/Reversible Rotation Air Mixer,1HP	Clamp	5/8" x 44"	714.00
5618-44CP	4 SS Propellers/Reversible Rotation Air Mixer,1HP	Clamp	5/8" x 44"	941.00
5618-44FI	4 SS Impellers/Reversible Rotation Air Mixer,1HP	Flange	5/8" x 44"	580.00
5618-44FP	4 SS Propellers/Reversible Rotation Air Mixer,1HP	Flange	5/8" x 44"	808.00

Note: Reversed rotation is not recommended on propeller style mixers. All Wingert Air Mixers require mist lubricators to validate warranty.

Accessories

Shaft Assemblies

Part #	Description	Mixer Type	Price SS Imp.	Price Std Prp.
5516-I	1/2" x 36" 304SS shaft & 1 set of IMP	CW1, R1	\$ 53.00	-
5516-P	1/2" x 36" 304SS shaft & 1 set of PRP	CW1, R1	-	123.00*
5517-I	1/2" x 36" 304SS shaft & 2 sets of IMP	CW2, R2	67.00	-
5517-P	1/2" x 36" 304SS shaft & 2 sets of PRP	CW2, R2	-	209.00
5518-I	5/8" x 48" 304SS shaft & 3 sets of IMP	R3	104.00	-
5519-I	5/8" x 48" 304SS shaft & 4 sets of IMP	R4	121.00	-
5519-P	5/8" x 48" 304SS shaft & 4 sets of PRP	R4	-	431.00

*Replacement not based on std thread mounted air mixer. NOTE: Field balancing may be necessary. Verify replacement part # when ordering.

Shaft Only

Part #	Description	Mixer Type	Prepped for SS Impeller
5520	1/2" x 36" 304 SS shaft prepped for 1 set IMP	CW1, R1	* (1 set) 46.00
5521	1/2" x 36" 304 SS shaft prepped for 2 sets IMP	CW2, R2	* (1 set) 46.00
5522	5/8" x 48" 304 SS shaft prepped for 3 sets IMP	R3	* (1 set) 81.00
5523	5/8" x 48" 304 SS shaft prepped for 4 sets IMP	R4	* (1 set) 81.00

* Drilled per set required, specify at time of order.

CW = clockwise and number is for impellers or propellers R = reversible

Optional Features

Description	Price \$
316 SS shaft & IMP / PRP in place of Std. 304 SS	21.00
316 SS coupling in place of standard brass coupling	78.00
Black epoxy coating on SS shaft & impellers / propellers	47.00
Longer than standard shaft (1/20HPmax-36",others-48")	32.00



Filters, Regulators, Lubricators

MINI COMBINATION (Filter, Regulator, Lubricator)

Size	AUTOMATIC DRAIN		MANUAL DRAIN	
	Part #	Price \$	Part #	Price \$
1/8"	1442	215.60	1443	207.75
1/4"	1444	216.50	1445	208.65

MIXERS

General Purpose Low Speed (60 RPM) Electric Mixers



Features

- 60 RPM
- Bracket, clamp, or tank stand mount
- Continuous duty
- 1/4, 1/3, 1/2 horsepower
- TEFC, open, explosion proof or air powered motors
- Available with 1, 2, or 3 stainless steel impellers
- Factory wiring, topical coating, variable shaft lengths

Options

- Impellers / Propellers 304 or 316 SS
- 316 SS Coupling in place of Brass
- Black Epoxy Coating on shaft and impellers
- Special Shaft Length (Max. 120")
- Custom mixers made to your specifications



Impeller

Motor Type	Horse Power	Motor Shaft	Std. Shaft Clamp/Brac	Std. Shaft Diameter	Number of Impellers	Part #	Bracket Mount	Clamp Mount
TEFC, 115V 1PHS, 60HZ	1/4	3/4"	44"	5/8"	1	5619-B	\$ 909.00	-
	1/4	3/4"	36"	5/8"	1	5619-C	-	933.00
	1/3	3/4"	44"	5/8"	2	5620-B	925.00	-
	1/3	3/4"	36"	5/8"	2	5620-C	-	929.00
	1/2	3/4"	44"	5/8"	3	5621-B	1003.00	-
	1/2	3/4"	36"	5/8"	3	5621-C	-	1046.00

Accessories

Shaft and Impeller Assemblies			
Part #	Mixer* Type -HP	Description	Price
5524	C -1/4	5/8" x36" shaft with 1 set of impellers	\$ 106.00
5525	C -1/3	5/8" x36" shaft with 2 sets of impellers	169.00
5526	C -1/2	5/8" x36" shaft with 3 sets of impellers	280.00
5527	B -1/4	5/8" x44" shaft with 1 set of impellers	120.00
5528	B -1/3	5/8" x 44" shaft with 2 sets of impellers	189.00
5529	B -1/2	5/8" x44" shaft with 3 sets of impellers	292.00

Optional Features	
Description	Price
316 SS shaft & IMP / PRP in place of 304 SS	\$ 39.00
Black epoxy coating on SS shaft & impellers / propellers	123.00
Longer than standard shaft (all models max. is 60")	97.00
3" x 14" 304 SS impellers & hardware, (per set)	58.00
3" x 14" 316 SS impellers & hardware, (per set)	80.00

Shaft Only			
Part #	Mixer * Type -HP	Description	Price
5530	C -1/4	5/8" x36" shaft prepped for 1 set of impellers	\$ 46.00
5531	C -1/3	5/8" x36" shaft prepped for 2 sets of impellers	77.00
5532	C -1/2	5/8" x36" shaft prepped for 3 sets of impellers	83.00
5533	B -1/4	5/8" x44" shaft prepped for 1 set of impellers	54.00
5534	B -1/3	5/8" x 44" shaft prepped for 2 sets of impellers	70.00
5535	B -1/2	5/8" x44" shaft prepped for 3 sets of impellers	95.00

* Note: C is for Clamp mount and B for Bracket mount.

Filters, Regulators, Lubricators



MINI FILTER / REGULATORS				
Size	AUTOMATIC		MANUAL	
	Part #	Price \$	Part #	Price
1/8"	1438	101.00	1439	92.85
1/4"	1440	101.00	1441	92.85



MINI FILTERS				
Size	AUTOMATIC DRAIN		MANUAL DRAIN	
	Part #	Price \$	Part #	Price \$
1/8"	1430	54.75	1431	46.90
1/4"	1432	54.75	1433	46.90

Designed for use where performance is required in a minimum space. Transparent bowls, 5-micron element standard.



MINI REGULATORS				
Size	WITH GAUGE		WITHOUT GAUGE	
	Part #	Price \$	Part #	Price \$
1/8"	1434	50.90	1435	36.45
1/4"	1436	50.90	1437	36.45

Relieving Type Standard models adjustable 3-100 PSIG. Compact unit gives reliable regulation at flows up to 15 scfm at 100 PSIG.

MIXERS

Industrial (350 RPM) Mixers - 1/3 to 5 HP



Features

- Mixers will operate in tank sizes from 200 to 5000 gallons
- Bracket or Clamp Mount with pivot
- Fluid viscosities to 2000 CPS
- 350 RPM mixers with a 5:1 gear reducer for maximum torque
- Standard 304 Stainless Steel Shafts and propellers

Options

- Wide variety of motor choices
- Black Epoxy Coating on shaft and impellers
- Shaft Length to 8 feet for larger tanks
- 115 or 230 Volts, 1 phs, AC 8 ft. power cord
- Custom mixers made to your specifications

Sizing Graph:

NOTE: This sizing graph is offered as a reference for choosing a "350 RPM Mixer" with a cylindrical tank. Any questions on your application contact our sales office.

TANK SIZE (GALLONS)	CENTIPOISE RATING					
	1	100	300	500	1000	2000
200				1/3 HP	1/3 HP	1/2 HP
300			1/3 HP	1/3 HP	1/3 HP	1/2 HP
500		1/3 HP	1/3 HP	1/3 HP	1/3 HP	1/2 HP
1000	1/3 HP	1/3 HP	1/3 HP	1/2 HP	3/4 HP	1 HP
2000	1/3 HP	1/3 HP	3/4 HP	1 HP	1 1/2 HP	1 1/2 HP
3000	1/3 HP	1/2 HP	1 HP	1 1/2 HP	2 HP	3 HP
5000	1/3 HP	1 HP	1 HP	2 HP	3 HP	5 HP

CLAMP MOUNT

Motor Type	Horse Power	Standard Shaft Dia.	Std. Shaft Length	PROPELLER SIZE		CLAMP PRICES			
				SINGLE	* DUAL	Part #	SINGLE	Part #	* DUAL
115 / 230V 1 PHASE	1/3	3/4"	48"	10"	8"	5622-S	\$976.00	5622-D	1014.00
	1/2	3/4"	48"	12"	10"	5623-S	1139.00	5623-D	1333.00
	3/4	3/4"	60"	13"	11"	5624-S	1307.00	5624-D	1517.00
230 / 460V 3 PHASE	1	1"	60"	14"	12"	5625-S	1402.00	5625-D	1430.00
	1 1/2	1"	60"	15"	13"	5626-S	1790.00	5626-D	1910.00

BRACKET MOUNT

Motor Type	Horse Power	Standard Shaft Dia.	Std. Shaft Length	PROPELLER SIZE		CLAMP PRICES			
				SINGLE	* DUAL	Part #	SINGLE	Part #	* DUAL
115 / 230V 1 PHASE	1/3	3/4"	48"	10"	8"	5629-S	\$959.00	5629-D	992.00
	1/2	3/4"	48"	12"	10"	5630-S	1095.00	5630-D	1305.00
	3/4	3/4"	60"	13"	11"	5631-S	1201.00	5631-D	1498.00
230 / 460V 3 PHASE	1	1"	60"	14"	12"	5632-S	1362.00	5632-D	1412.00
	1 1/2	1"	60"	15"	13"	5633-S	1750.00	5633-D	1870.00
	2	1 1/4"	60"	16"	14"	5634-S	2570.00	5634-D	2696.00
	3	1 1/4"	72"	16"	15"	5635-S	2893.00	5635-D	3199.00
	5	1 1/4"	72"	16"	15"	5636-S	2960.00	-	-

* Dual Propellers should be utilized on applications above 1000 CPS

Optional Features	
Description	Price
115 or 230 Volts, 1 phs, AC 8 ft. power cord	\$ 30.00
Black epoxy coating of shaft and propellers	123.00
Longer than std. shaft, 3/4" dia. up to 72"	81.00
Longer than std. shaft, 1" dia. up to 84"	103.00
Longer than std. shaft, 1 1/4" dia. up to 96"	126.00



Propeller



Spill Containment Systems

Eagle Modular Spill Platform System

These platforms are ideal for incidental spills from drums, containers & batteries. The platforms can be arranged in an endless number of configurations. The modular platforms feature a low profile for easier loading and unloading and are compatible with Eagle's 1689 ramp. These units have a 30 gallon spill capacity per 2 drum side, use blow molded high density polyethylene construction for superior strength and also feature Eagle's patented removalbe poly grating. Each 2 drum unit includes one 2' U-channel connector to join units.

2 & 4 Drum Budget Basins add low cost spill protection to your work place. Drums rest on the floor of the sump with a 6-1/2" high sidewall.



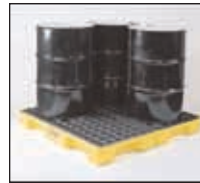
1631



1632



1633



1634



1638



1689

Part #	Description	Dimensions	Weight/lbs.	Load Capacity	Price
1631	2-Drum Budget Basin	26-1/4"x51-1/2"x6-1/2"	20	5000 lbs.	122.84
1632	2-Drum Modular Platform	26-1/4"x51-1/2"x6-1/2"	32	5000 lbs.	221.08
1633	1-Drum Modular Platform	26"x26"x6-1/2"	16	2000 lbs.	122.90
1634	4-Drum Modular Platform	52-1/2"x51-1/2"x6-1/2"	65	10,000 lbs.	397.94
1638	4-Drum Budget Basin	51-1/2"x51-1/2"x7"	25	5000 lbs.	233.94
1689	Poly Ramp for Platform Units	45-1/2"x32"x8"	32	1500 lbs.	216.16

Eagle Spill Containment Platforms

Choose from the most comprehensive program for spill containment on the market. 4-drum in-line platform with a 66 gallon secondary spill capacity, 6-drum platform with a 66 gallon secondary spill capacity or the 8-drum platform with a 90 gallon secondary spill capacity.

The 4 drum in-line pallet lets you store the drums against walls, opening up important usable floor space.

The 6 and 8 drum units provide for added storage capability and easier access to your drums.

Features:

- Low profile for easy access
- Polyethylene construction for excellent chemical resistance
- Grating with 1-3/4" square opening that removes easily for cleaning
- Compatible with the Model 1689 ramp
- Meet EPA requirements for secondary spill containment of hazardous materials (40 CFR 264.175)



1647



1686



1688



1689

Part #	Description	Dimensions	Weight/lbs.	Load Capacity	Price
1647	4 Drum In-Line Spill Platform	106"x30-1/4"x6-3/4"	74	8000 lbs.	421.06
1686	6 Drum Pallet Unit-Low Profile	77"x51-1/2"x6-1/2"	88	8000 lbs.	746.94
1688	8 Drum Pallet Unit-Low Profile	102"x51-1/2"x6-1/2"	116	10,000 lbs.	891.52
1689	Poly Ramp for Platform Units	45-1/2"x32"x8"	32	1500 lbs.	216.16



Spill Containment Systems

Eagle Spill Containment Pallets

Eagle has four forkliftable pallets listed below for the containment of hazardous spills. The 2-drum pallet with a 66 gallon spill capacity, the 4-drum pallet with a 90 gallon spill capacity, the low-profile 4-drum pallet with a 66 gallon secondary spill capacity and the nestable 4-drum pallet with a 66 gallon secondary spill capacity. The 1612 is a single drum containment unit that is ideal for use as a spill containment unit, a mobile pumping station or waste collection station. With the addition of the 1698 drum dolly you can easily move the drum for dispensing or collection.

Features:

- Polyethylene construction for excellent chemical resistance
- Grating with 1-3/4" square opening that removes easily for cleaning
- Model 1645 & 1646 are compatible with the Model 1689 ramp
- Meet EPA requirements for secondary spill containment of hazardous materials (40 CFR 264.175)
- Forkliftable design with 3/4" drain plug



1612 w/1698 Dolly



1620



1640



1645



1646



1689

Part #	Description	Dimensions	Weight/lbs.	Load Capacity	Price
1612	Single Drum Unit	31"x33"	30	-	177.12
1620	2 Drum Pallet Unit	51"x26-1/4"x15"	48	2000 lbs.	337.32
1640	4 Drum Pallet Unit	51-1/2"x51-1/2"x18-1/2"	88	4000 lbs.	480.70
1645	4-Drum Pallet Unit-Low Profile	51-1/2"x51-1/2"x10"	65	8000 lbs.	421.64
1646	4-Drum Nestable Pallet	58-1/2"x58-1/2"x7-3/4"	65	6000 lbs.	444.46
1689	Poly Ramp for Platform Units	45-1/2"x32"x8"	32	1500 lbs.	216.16
1698	Single Drum Containment Dolly	27-1/2"x7"	30	1000 lbs.	129.44

Eagle Horizontal Drum Stacking System, IBC Spill Units, Utility Tray

The **Horizontal Drum Stacking System** is ideal for storage and dispensing of chemicals and helps keep your work area free and clean of environmental contamination. Used in combination with the Spill Containment platforms, this stacking system meets EPA Secondary Containment Storage requirements (40 CFR 264.175). All components are 100% polyethylene for durable chemical resistance. Units are designed to interlock into spill pallet grating for stable drum storage. Shelf attaches easily and allows for filling more than one container at a time. Stackers let you double up on storage in the same floor space and the Double stackers are forkliftable.

IBC Spill Units comes with 100% polyethylene containment tub and your choice metal or poly platform and features a 400 gallon secondary spill capacity. Double All Poly IBC Containment Unit is also available.

The **HDPE Containment Utility Tray** is an affordable way to contain small spills up to 5 gallons. Ideal for counter top use for the working storage of lab chemicals, as a drip pan under dispensers or as a floor trap under machinery. These trays are nestable for easy storage and feature a ribbed bottom.



1605



1606



1607



1608



1680



1683



1684



1958



1677

Part #	Description	Dimensions	Weight/lbs.	Load Capacity	Price
1605	Cradle*	29"x26-1/2"x22-1/2"	30	2000 lbs.	270.18
1606	Single Stacker*	27"x26-1/2"x29"	30	1000 lbs.	297.20
1607	Double Stacker*	48"x26-1/2"x13"	30	2000 lbs.	356.16
1608	Shelf	19"x23"x19"	15	100 lbs.	122.84
1680	IBC Spill Unit	67"x67"x26"	250	10,000 lbs.	1965.00
1683	IBC Spill Unit-All Poly	67"x67"x26"	250	10,000 lbs.	1782.32
1684	IBC Spill Unit-Double All Poly	118"x77-1/2"x20"	500	20,000 lbs.	3341.84
1958	Horizontal Drum Lifter	-	5	1000 lbs.	73.96
1622	Two Drum Pallet Tarp	52"x27"x41"	4	-	127.10
1644	Four Drum Pallet Tarp	52"x52"x41"	6	-	135.62
1677	Containment Utility Tray	18"x36"x2"	6	-	35.10

*Fits all Eagle Spill Containment Platforms & Pallets



Spill Containment Systems

Eagle RTC Pallet Unit, Work Stations and Outdoor Storage Building

Rotary Top Containment - Protect up to four 55 gallon drums from the elements with this rotary style pallet. The height of the cover allows storage with drum pumps in place. Usable with the 1689 Poly ramp. 100% PE construction resists corrosion & weathering. 66 gallon sump. 6000lb. capacity. (EPA 40 CFR 264.175 Compliance).

4 Drum Poly Storage Building - Securely store up to four 55 gallon drums, up to 8000 lb. load capacity. Features four-way forklift pockets, vented door louvers, 66 gallon spill capacity, removable grating and top hooks for moving. Usable with the 1689 ramp. (EPA 40 CFR 264.175 Compliance). Note: The top hooks are intended only for moving an empty building.

2 Drum Workstations - A secure way to store drums inside or outside. Available in low (1626) or high (1628) profile for the storage of two drums. Forkliftable and optional dolly allows easier movement on worksite. (EPA 40 CFR 264.175 Compliance).



1626



1628



1629



1646RTC



1649



1689

Part #	Description	Dimensions	Weight/lbs.	Load Capacity	Price
1626	2 Drum Workstation (low)	60"x34"x46"	100	-	177.12
1628	2 Drum Workstation	60"x34"x64"	120	-	337.32
1629	Workstation Dolly	6"x60"x34"	65	1500 lbs.	480.70
1646RTC	Rotary Top Containment Unit	59-1/2"x73-1/2"x68"	200	-	421.64
1649	4 Drum Poly Storage Building	57-1/2"x57-1/2"x72"	285	-	444.46
1689	Poly Ramp for Platform Units	45-1/2"x32"x8"	32	1500 lbs.	216.16

Eagle Drum Bogie, Mobile Spill Platform and Drum Accessories

Drum Bogie - Mobile dispensing unit protects against incidental spills and leaks - for 30,55 and 95 gallon drums. The PE Bogie resists corrosion; has 5 swivel casters for max. stability, load capacity and maneuverability; and features a poly push-pull handle.

Drum Tray and Drip Pan - The drum tray is ideal under drums where dispensing or filling takes place-available with grating for use with smaller containers. The drip pan catches up to 1 gallon of oils, coolants, water or other non-aggressive liquids.

Drum Funnel and Cover - 18" wide drum funnel fits both 55 and 30 gallon drums. 6" high side walls reduce splashing and spout fits any 2" NPT bung. The optional funnel cover keeps out dirt and contaminants. (EPA 40 CFR 265.173).

Drum Covers - HDPE construction, covers for closed (1666) or open (1667) head drums.

Mobile Spill Control Platform - The safety of a spill containment platform with the convenience of mobility - safely transfer containers between workstations.



1613



1614,1615,1618



1637



1952



1954



1660/1664



1666



1670

Part #	Description	Dimensions	Weight/lbs.	Load Capacity	Price
1613	Drum Bogie	35-3/4"x42"	30	-	233.94
1614	Drum Tray	31"x6"	20	-	88.54
1615	Drum Tray with Grating	31"x6"	24	-	113.86
1618	Drum Tray Dolly	31"x7"	32	-	139.78
1637	Mobile Spill Control Platform	28"x56"x41"	92	-	798.30
1952	Overpack Dolly	-	84	-	571.32
1954	Vertical Drum Lifter	-	20	1000 lbs.	203.16
1958	Horizontal Drum Lifter	-	5	1000 lbs.	73.96
1660	Drum Funnel	18"x7"	11	-	39.22
1662	Drum Funnel with Screen	18"x7"	11	-	44.30
1664	Drum Funnel Cover	18-1/2"x5"	1	-	18.70
1666	Drum Cover - Closed Head	23"x5"	3	-	8.88
1667	Drum Cover - Open Head	24"x5"	3	-	8.88
1670	Drip Pan	10-1/2"x10-1/2"x3"	1	-	7.58
1698	Overpack Dolly	27-1/2"x7"	30	-	129.44



Fiberglass Vertical Tanks

Fiberglass Vertical Flat Bottom Tanks



Top and Bottom Options:

- Open top
- Dome top
- Flat top
- Conical top
- Hinged or Bolted top
- Flat bottom with internally sloped bottom
- Double wall available

Horizontal Tanks are also available.

**Contact Sales Office
for more details.
[Price on Application](#)**

Flange Options:

Flanges are hand-laid, one-piece construction using the same resin as the tank liner. Flanges are available in sizes from 1"- 24" and will be permanently bonded to the tank wall at any location on the shell or heads so to fit for the job needed.

- **Flanges:** Designed for light to moderate use. Can be used on any tank, depending on placement and type of operation. We recommend that all flanges 6" and smaller have some type of enforced gusset.
- **Blade Gussets:** Reinforced with fiberglass or steel plates running the length of the flange extension. Blade gussets are recommended for moderate-to-heavy applications.
- **Conical Gussets:** Reinforced with a fiberglass molded cone that is permanently bonded to the tank wall. Access holes within cone allow for inspection/ access to the flange without loss of strength. Conical gussets are recommended for heavy-to-severe applications.

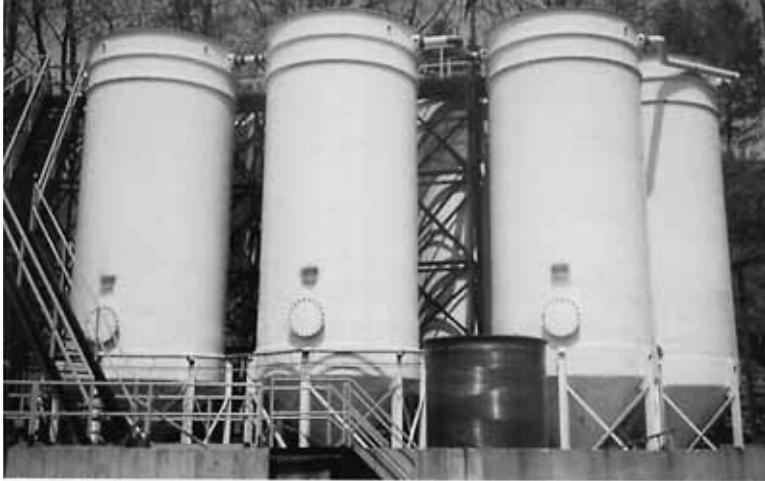
Below are the most popular sizes, call for a size to fit your needs. Price on Application

Diameter Sidewall Feet	6 Ft.		8 Ft.		9 Ft.		10 Ft.		12 Ft.	
	Capacity Gallons	Weight Lbs.	Capacity Gallons	Weight Lbs.	Capacity Gallons	Weight Lbs.	Capacity Gallons	Weight Lbs.	Capacity Gallons	Weight Lbs.
5	1058	764	1880	1127	2379	1550	2938	1785	4230	2067
6	1269	783	2256	1152	2855	1579	3525	1817	5076	2105
7	1481	802	2632	1178	3331	1607	4113	1848	5922	2142
8	1692	820	3008	1203	3807	1635	4700	1880	6768	2180
9	1904	839	3384	1228	4283	1663	5288	1911	7614	2218
10	2115	858	3760	1253	4759	1692	5875	1942	8460	2256
11	2327	877	4136	1379	5235	1720	6463	1974	9306	2293
12	2538	896	4512	1404	5711	1748	7050	2005	10152	2331
13	2750	971	4888	1429	6187	1777	7638	2037	10998	2369
14	2961	990	5264	1454	6662	1805	8225	2068	11844	2406
15	3173	1009	5640	1479	7138	1833	8813	2100	12690	2444
16	3384	1028	6016	1504	7614	1861	9400	2131	13536	2482
17	3569	1047	6392	1529	8090	1890	9988	2162	14383	2519
18	3807	1065	6768	1555	8566	1918	10575	2194	15229	2557
19	4019	1084	7144	1580	9042	1946	11163	2225	16075	2595
20	4230	1103	7520	1605	9518	1974	11750	2257	16921	2633
22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	18613	2708
24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20305	2783

Notes:

- Flat bottoms with / without internal slope
- Open top, dished, dome or conical top
- Weight is approximate, due to fitting schedule
- Weight is for an empty tank
- Appurtenances and fittings available
- For a hinged, bolted or slotted top, consult sales office
- For double wall tanks, consult sales office
- For resins used in production, consult sales office

Fiberglass Vertical Leg Tanks



Tanks can be manufactured with:

- Open top
- Flat top
- Hinged or Bolted top
- Double wall available
- Dome top
- Conical top
- Cone bottom

Support Types:

Selection is based on vessel requirement including wind and seismic exposure

- Skirt
- Legs

The smaller tanks are built with angle iron legs the larger tanks have I-beam legs.

Horizontal Tanks are also available.

**Contact Sales Office for more details.
Price on Application**

Flange Options:

Flanges are hand-laid, one-piece construction using the same resin as the tank liner. Flanges are available in sizes from 1" - 24" and will be permanently bonded to the tank wall at any location on the shell or heads so to fit for the job needed.

- **Flanges:** Designed for light to moderate use. Can be used on any tank, depending on placement and type of operation. We recommend that all flanges 6" and smaller have some type of enforced gusset.
- **Blade Gussets:** Reinforced with fiberglass or steel plates running the length of the flange extension. Blade gussets are recommended for moderate-to-heavy applications.
- **Conical Gussets:** Reinforced with a fiberglass molded cone that is permanently bonded to the tank wall. Access holes within cone allow for inspection/ access to the flange without loss of strength. Conical gussets are recommended for heavy-to-severe applications.

Below are the most popular sizes, call for a size to fit your needs. Price on Application

Diameter	6 FT		8 FT		8 FT		10 FT		12 FT		12 FT	
	60° Cone		45° Cone		60° Cone		40° Cone		50° Cone		60° Cone	
Sidewall	CAP Gals.	WT Lbs.	CAP Gals.	WT Lbs.	CAP Gals.	WT Lbs.	CAP Gals.	WT Lbs.	CAP Gals.	WT Lbs.	CAP Gals.	WT Lbs.
5 Ft	1411	1264	2382	1477	2748	1677	3764	2945	6175	3343	7160	3843
6 Ft	1622	1283	2758	1502	3124	1702	4351	2977	7021	3381	8006	3881
7 Ft	1834	1302	3134	1528	3500	1728	4939	3008	7867	3419	8852	3919
8 Ft	2045	1320	3510	1553	3876	1753	5526	3040	8713	3456	9698	3956
9 Ft	2257	1339	3886	1578	4252	1778	6114	3071	9559	3494	10544	3994
10 Ft	2468	1358	4262	1603	4628	1803	6701	3102	10405	3532	11390	4032
11 Ft	2680	1377	4638	1879	5004	2079	7289	3134	11251	3569	12236	4069
12 Ft	2891	1396	5014	1904	5380	2104	7876	3165	12097	3607	13082	4107
13 Ft	3103	1621	5390	1929	5756	2129	8464	3197	12943	3645	13928	4145
14 Ft	3314	1640	5766	1954	6132	2154	9051	3228	13789	3683	14774	4183
15 Ft	3526	1659	6142	1979	6508	2179	9639	3260	14635	3720	15620	4220
16 Ft	3737	1678	6518	2004	6884	2204	10226	3291	15481	3758	16466	4258
17 Ft	3949	1697	6894	2029	7260	2229	10814	3322	16328	3796	17313	4296
18 Ft	4160	1715	7270	2055	7636	2255	11401	3354	17174	3833	18159	4333
19 Ft	4372	1734	7646	2080	8012	2280	11989	3385	18020	3871	19005	4371
20 Ft	4583	1753	8022	2105	8388	2305	12576	3417	18866	3909	19851	4409
22 Ft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20558	3984	21543	4484
24 Ft	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22250	4060	23235	4560

Notes:

- Appurtenances and fittings available
- Open top, dished, dome or conical top
- Weight is approximate, due to fitting schedule
- Weight is for an empty tank
- For a hinged, bolted or slotted top, consult sales office
- For double wall tanks, consult sales office
- For resins used in production, consult sales office

PLASTIC TANKS

Ace Roto-Mold Flat Bottom Vertical Storage Tanks

Features



- Vertical tanks are free standing with a flat bottom for indoor or outdoor installations.
- Tanks are manufactured from medium- or high-density polyethylene with U.V. inhibitors.
- Tanks are available in 1.7, 1.9, and 2.0 Specific Gravity
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- Syphon tube included with tanks 300 gallon or greater.
- All tanks include a PP/EPDM Bulkhead fitting at bottom of tank as standard
- Bulkhead fittings are available in other materials, such as PVC, PVDF, and SS.

Part #	Gal. Capacity	Specific Gravity	Weight /lbs.	Dia. x Height	Lid	PP BulkheadFitting	Price
VT0020-16	20	2.0	13	16 x 28	8"	3/4"	\$ 72.23
VT0025-18	25	2.0	12	18 x 30	5"	3/4"	63.48
VT0040-18	40	2.0	17	18 x 43	5"	3/4"	78.86
VT0055-20	55	2.0	22	20 x 47	5"	1"	99.21
VT0065-23	65	2.0	25	23 x 42	5"	1"	113.38
VT0075-23	75	2.0	28	23 x 50	7"	1"	118.17
VT0100-28	100	2.0	36	28 x 45	7"	1"	159.46
VT0105-23	105	2.0	38	23 x 65	7"	1"	165.34
VT0110-32	110	2.0	40	32 x 41	5"	2" Top	170.73
VT0135-28	135	2.0	45	28 x 59	8"	1"	198.42
VT0160-28	160	2.0	56	28 x 68	8"	1"	230.33
VT0175-31	175	2.0	54	31 x 61	8"	1 1/2"	209.37
VT0180-40	180	2.0	48	40 x 45	5"	2" Top	205.65
VT0210-40	210	2.0	56	40 x 49	5"	2" Top	226.34
VT0225-31	225	2.0	65	31 x 76	8"	1 1/2"	279.31
VT0265-31	265	2.0	74	31 x 88	8"	1 1/2"	306.16
VT0300-35	300	2.0	86	35 x 81	8"	2"	337.91
VT0300-42	300	2.0	72	42 x 55	8"	2"	297.93
VT0405-52	405	2.0	90	52 x 48	8"	2"	356.54
VT0425-42	425	2.0	100	42 x 75	8"	2"	362.93
VT0500-46	500	2.0	118	46 x 77	8"	2"	438.95
VT0505-46	505	2.0	118	46 x 80	16"	2"	446.95
VT0550-52	550	2.0	116	52 x 66	8"	2"	435.23
VT0600-46	600	2.0	130	46 x 91	16"	2"	488.29
VT0625-64	625	2.0	100	64 x 50	8"	2"	389.14

Larger capacity tanks from 800 to 10,500 Gallons are continued on the next page. Syphon tube included with tanks 300 gallons or greater.

Ace Roto-Mold Flat Bottom Vertical Storage Tanks

continued from previous page



Features

- Vertical tanks are free standing with a flat bottom for indoor or outdoor installations.
- Tanks are manufactured from medium- or high-density polyethylene with U.V. inhibitors.
- Tanks are available in 1.7, 1.9, and 2.0 Specific Gravity
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- Syphon tube included with tanks 300 gallon or greater.
- All tanks include a PP/EPDM Bulkhead fitting at bottom of tank as standard
- Bulkhead fittings are available in other materials, such as PVC, PVDF, and SS.

Part #	Gal. Capacity	Specific Gravity	Weight /lbs.	Dia. x Height	Lid	PP Bulkhead Fitting	Price
VT0800-46	800	1.7	175	46 x 118	16"	2"	\$ 634.41
VT0800-46-1.9	800	1.9	175	46 x 118	16"	2"	721.21
VT0850-54	850	1.7	182	54 x 94	16"	2"	648.11
VT0850-54-1.9	850	1.9	182	54 x 94	16"	2"	738.38
VT0900-46	900	1.7	200	46 x 132	16"	2"	764.83
VT0900-46-1.9	900	1.9	200	46 x 132	16"	2"	873.95
VT1000-64	1000	1.7	250	64 x 81	16"	2"	849.11
VT1000-64-1.9	1000	1.9	250	64 x 81	16"	2"	973.11
VT1050-86	1050	1.7	190	86 x 54	16"	2"	643.55
VT1050-86-1.9	1050	1.9	190	86 x 54	16"	2"	737.79
VT1200-64	1200	1.7	275	64 x 97	16"	2"	931.05
VT1200-64-1.9	1200	1.9	275	64 x 97	16"	2"	1067.45
VT1350-86	1350	1.7	228	86 x 65	16"	2"	784.60
VT1350-86-1.9	1350	1.9	228	86 x 65	16"	2"	897.69
VT1500-64	1500	1.7	335	64 x 115	16"	2"	1119.24
VT1500-64-1.9	1500	1.9	335	64 x 115	16"	2"	1285.40
VT1500-86	1500	1.7	250	86 x 69	16"	2"	829.73
VT1500-86-1.9	1500	1.9	250	86 x 69	16"	2"	953.73
VT1525-64	1525	1.7	350	64 x 122	16"	2"	1170.30
VT1525-64-1.9	1525	1.9	350	64 x 122	16"	2"	1343.90
VT1650-86	1650	1.7	276	86 x 74	16"	2"	906.99
VT1650-86-1.9	1650	1.9	276	86 x 74	16"	2"	1043.89
VT2000-64	2000	1.7	465	64 x 156	16"	2"	1540.80
VT2000-64-1.9	2000	1.9	465	64 x 156	16"	2"	1771.44
VT2000-90	2000	1.7	375	90 x 84	16"	2"	1236.09
VT2000-90-1.9	2000	1.9	375	90 x 84	16"	2"	1422.09
VT2150-102	2150	1.7	417	102 x 71	16"	2"	1380.71
VT2150-102-1.9	2150	1.9	417	102 x 71	16"	2"	1587.54

Larger capacity tanks from 2500 to 10,500 Gallons are continued on the next page. Syphon tube included with tanks 300 gallons or greater.

Ace Roto-Mold Flat Bottom Vertical Storage Tanks

continued from previous page



Features

- Vertical tanks are free standing with a flat bottom for indoor or outdoor installations.
- Tanks are manufactured from medium-or high-density polyethylene with U.V. inhibitors.
- Tanks are available in 1.7, 1.9, and 2.0 Specific Gravity
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- Syphon tube included with tanks 300 gallon or greater.
- All tanks include a PP/EPDM Bulkhead fitting at bottom of tank as standard.
- Bulkhead fittings are available in other materials, such as PVC, PVDF, and SS.

Part #	Gal. Cap.	Specific Gravity	Weight /lbs.	Dia. x Height	Lid	PP Bulkhead Fitting	Price
VT2500-90	2500	1.7	420	90 x 103	16"	2"	1409.22
VT2500-90-1.9	2500	1.9	420	90 x 103	16"	2"	1617.54
VT3000-90	3000	1.7	550	90 x 120	16"	2"	1752.17
VT3000-90-1.9	3000	1.9	550	90 x 120	16"	2"	2024.97
VT3100-102	3100	1.7	550	102 x 103	16"	2"	1829.00
VT3100-102-1.9	3100	1.9	550	102 x 103	16"	2"	2101.80
VT3400-102	3400	1.7	585	102 x 107	16"	2"	1938.95
VT3400-102-1.9	3400	1.9	585	102 x 107	16"	2"	2229.11
VT4000-96*	4000	1.7	900	96 x 140	16"	2"	2813.90
VT4000-96-1.9*	4000	1.9	900	96 x 140	16"	2"	3260.30
VT4200-96*	4200	1.7	950	96 x 148	16"	2"	2959.26
VT4200-96-1.9*	4200	1.9	950	96 x 148	16"	2"	3430.46
VT5150-102+*	5150	1.7	1350	102 x 161	16"	2"	4123.14
VT5150-102-1.9+*	5150	1.9	1350	102 x 161	16"	2"	4792.74
VT6250-102+*	6250	1.7	1550	102 x 194	16"	2"	4596.96
VT6250-102-1.9+*	6250	1.9	1550	102 x 194	16"	2"	5365.76
VT7000-142+*	7000	1.7	1750	142 x 125	16"	2"	5074.26
VT7000-142-1.9+*	7000	1.9	1750	142 x 125	16"	2"	5942.26
VT7800-120+*	7800	1.7	1900	120 x 176	16"	2"	5829.91
VT7800-120-1.9+*	7800	1.9	1900	120 x 176	16"	2"	6772.31
VT8000-120+*	8000	1.7	1930	120 x 180	16"	2"	5918.25
VT8000-120-1.9+*	8000	1.9	1930	120 x 180	16"	2"	6875.53
VT9150-120+*	9150	1.7	2200	120 x 203	16"	2"	6753.16
VT9150-120-1.9+*	9150	1.9	2200	120 x 203	16"	2"	7844.36
VT10500-2500+*	10500	1.6	2500	142 x 177	16"	2"	7786.66
VT10500-2500-1.9+*	10500	1.9	2500	142 x 177	16"	2"	9026.66
VT10500-2800+*	10500	1.75	2800	142 x 177	16"	2"	8630.67

* indicates heavy duty fitting + indicates available with 3" fitting Syphon tube included with tanks 300 gallons or greater

Tank accessories shown below are available on Page 315, 394-397.

Flowline Transmitters



Bulkhead fittings



Bolt-on fittings



Ace Roto-Mold Open Top Vertical Storage Tanks



Features

- Open Top Tanks are selected for collection systems, temporary liquid storage or as secondary containment for vertical tanks in indoor or outdoor installations.
- Tanks are manufactured from medium- or high-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Specific Gravity	Weight /lbs.	Dia. x Height	Price
OP0210-40	210 Gallon	2.0	52	40 x 42	211.50
OP0360-48	360 Gallon	2.0	125	48 x 48	329.99
OP0500-56	500 Gallon with bolt-on top	2.0	150	56 x 62	556.54
OP0900-86	900 Gallon	1.7	175	86 x 43	638.76
OP1000-74	1000 Gallon with bolt-on top	1.7	250	74 x 64	857.01
OP1200-86	1200 Gallon	1.7	200	86 x 56	700.35
OP1350-86	1350 Gallon	1.7	217	86 x 62	749.97
OP1500-86	1500 Gallon	1.7	240	86 x 68	833.52
OP1700-90	1700 Gallon	1.7	317	90 x 66	1062.45
OP2200-90	2200 Gallon	1.7	365	90 x 83	1267.12
OP2700-90	2700 Gallon	1.7	480	90 x 103	1614.43
OP3300-102	3300 Gallon	1.7	550	102 x 105	1836.66
OP3700-96	3700 Gallon (optional bolt-on top)	1.7	625	96 x 128	2062.97
OP6800-120	6800 Gallon (optional bolt-on top)	1.7	1525	120 x 144	4855.61

Ace Roto-Mold Vertical Tank Stands



- Stands are designed to hold vertical bulk storage tanks or open top vertical bulk storage tanks.
- Tank stands are made of metal or polyethylene as indicated and the VT-ST052FF is foam-filled.

Part #	Capacity	Weight /lbs.	Dia. x Height	Price
VT28/31-STP	31-1/2" Poly Stand	35	39 x 24	154.10
VT-ST052	52" Poly Stand	165	52 x 36	500.15
VT-ST052FF	52" Foam Filled Poly Stand	201	52 x 36	629.80
VT0160-28ST	160 Gallon metal Stand	83	30 x 26	245.72
VT0265-31ST	265 Gallon metal Stand	89	33 x 26	254.09
VT0300-35ST	300 Gallon metal Stand	114	37 x 38	277.19

Ace Roto-Mold Pallet Paks



Features:

- Pallet Pak units are designed for light-duty transport (non-D.O.T. regulated) for indoor or outdoor applications.
- The base of the pallet frame is designed for forklift transportability.
- The rectangular pallet paks have a metal frame and plastic base.
- The vertical paks have poly bases.
- The 300 gallon pak can be stacked two-high.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP0150-PP	150 Gal Pallet Pak-1 Tank,Pallet,Frame	201	27 x 43 x 47	7"	2"	532.61
SP0150-2TPP	150 Gal Pallet Pak-2 Tanks,Pallet,Frame	356	51 x 43 x 47	7"	2"	944.31
SP0300-PP	300 Gal Pallet Pak-1 Tank,Pallet,Frame	316	51 x 43 x 47	7"	2"	774.39
VT0110-PP	110 Gal Pallet & Tank	68	33 x 40 x 44	5"	2" Top	257.21
VT0210-PP	210 Gal Pallet & Tank	84	41 x 52	5"	2" Top	313.52

Ace Roto-Mold Pallet Tanks only

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP0150-PPTK*	150 Gal Rectangle	80	24 x 40 x 42	7"	2"	271.20
SP0300-PPTK*	300 Gal Rectangle	120	48 x 40 x 42	7"	2"	439.73
VT0110-32	110 Gal Tank Only	40	32 x 41	5"	2" Top	170.73
VT0210-40	210 Gal Tank Only	56	40 x 49	5"	2" Top	226.34

* Rectangle tanks used without the pallet still require side support.

Ace Roto-Mold Gusseted Top Vertical Tanks



- Vertical tanks are free standing with a flat bottom for indoor or outdoor installations.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.5 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Weight /lbs.	Dia. x Height	Lid	Fitting	Price
GV1050-86	1050 Gallon	175	86 x 50	16"	2"	595.45
GV1350-86	1350 Gallon	207	86 x 62	16"	2"	704.29
GV1500-86	1500 Gallon	228	86 x 69	16"	2"	762.72
GV1650-86	1650 Gallon	255	86 x 74	16"	2"	869.58

Ace Roto-Mold Free-Standing Horizontal Bulk Storage Tanks



Features:

- Free Standing Tanks are selected when transportable (non-D.O.T. regulated) containment is required for indoor or outdoor applications.
- Tanks are equipped with molded-in legs to support the tank and band locators for tie down.
- Tanks are manufactured from medium- or high-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Weight /lbs.	Dimensions	Lid	Fitting	Price
FM0015-14S	15 Gallon	11	14 x 30	5"	-	60.44
FM0025-16S	25 Gallon	13	16 x 34	5"	-	66.63
FS0035-18	35 Gallon	14	18 x 34	5"	1"	73.35
FS0065-24	65 Gallon	32	24 x 39	5"	1"	142.86
FS0070-24	70 Gallon stackable (3 high)	35	24 x 39	5"	1"	164.42
FS0125-32	125 Gallon	52	32 x 40	8"	1"	232.84
FS0165-32	165 Gallon	70	32 x 54	8"	1"	287.13
FS0225-38	225 Gallon	85	38 x 52	8"	2"	331.63
FS0325-38	325 Gallon	106	38 x 72	12"	2"	399.41
FS0335-44	335 Gallon	116	44 x 56	16"	2"	402.73
FS0510-57	510 Gallon Elliptical	162	57 x 80 x 39	16"	2"	573.20
FS0535-48	535 Gallon	160	48 x 78	16"	2"	546.02
FS0735-48	735 Gallon (Hoops req.)	250	48 x 103	16"	2"	850.82
FM0925-DS	925 Gallon (Hoops req.)	290	62 x 81	16"	2"	966.68
FS0925-DW	925 Gallon (Hoops req.)	290	62 x 81	16"	2"	966.68
FS1005-48	1005 Gallon (Hoops req.)	340	48 x 130	16"	2"	1118.31
FS1010-48*	1010 Gallon (Hoops req.)	350	48 x 130	16"	2"	1154.54
FS1035-78	1035 Gallon (Hoops req.) Elliptical	290	78 x 90 x 52	16"	2"	974.84
FM1065-56S	1065 Gallon (Hoops req.)	340	56 x 105	16"	2"	1116.65
FM1065-56W	1065 Gallon (Hoops req.)	340	56 x 105	16"	2"	1116.65
FM1300-DS	1300 Gallon (Hoops req.)	425	62 x 114	16"	2"	1398.44
FM1300-DW	1300 Gallon (Hoops req.)	425	62 x 114	16"	2"	1398.44
FS1610-78*	1610 Gallon (Hoops req.) Elliptical	530	78 x 139 x 58	16"	2"	2040.30
FM1800-2S	1800 Gal (Hoops req.) multi tanks(2)	580	62 x 149	16"	2"	1883.21
FS1800-2W	1800 Gal (Hoops req.) multi tanks(2)	580	62 x 149	16"	2"	1883.21
FS2350-88	2350 Gallon (Hoops req.) Elliptical	920	88 x 146 x 63	16"	2"	3079.88
FM2600-2S	2600 Gal (Hoops req.) multi tanks(2)	850	62 x 212	16"	2"	2818.55
FS2600-2W	2600 Gal (Hoops req.) multi tanks(2)	850	62 x 212	16"	2"	2818.55
FS2750-88	2750 Gallon (Hoops req.) Elliptical	1150	88 x 146 x 70	16"	2"	3744.55
FS3200-2S*	3200 Gal (Hoops req.) multi tanks(2) Elliptical	1100	88 x 172 x 74	16"	2"	3637.64
FS3250-88	3250 Gallon (Hoops req.) Elliptical	1208	88 x 146 x 79	16"	2"	3948.42

* skid required to support elevated legs

"Donut" stabilizes sectional (multi) tanks.

FMxxxx-S = Sump FSxxxx-W - Without Sump D = Domed End

When ordering, please indicate whether the fitting should be installed, not installed, or shipped loose. If installed, indicate preferred fitting location (END or SIDE are most common). Tanks must be fully supported for transport.

Hoops, Skids, and Bands are located on the next page.

PLASTIC TANKS

Ace Roto-Mold Free-Standing Horizontal Bulk Storage Tanks Hoops and Skids



Part #	Capacity	Hoop Qty.	Weight /lbs.	Dimensions	Price
FS048-HP	735 Gallon Hoops	Set of 3	22	1.315 OD	214.85
FS062-HP-925	925 Gallon Hoops	Set of 2	22	1.66 OD	177.88
FS062-HP-1300	1300 Gallon Hoops	Set of 3	22	1.66 OD	266.81
FS062-HP-1800C	1800 Gallon Hoops	Set of 4	22	1.66 OD	391.77
FS062-HP-2600C	2600 Gallon Hoops	Set of 6	22	1.66 OD	561.78
FS0510-HP	510 Gallon Hoops	Set of 3	22	1.315 OD	221.91
FS1005-HP	1005 Gallon Hoops	Set of 4	22	1.315 OD	276.98
FS1010-HP	1010 Gallon Hoops	Set of 4	22	1.315 OD	289.45
FS1035-HP	1035 Gallon Hoops	Set of 3	22	1.66 OD	270.72
FS1065-HP	1065 Gallon Hoops	Set of 3	22	1.315 OD	262.51
FS1065-BAF	1065 Gallon Optional Baffle Kit	-	38	-	202.66
FS1610-HP	1610 Gallon Hoops	Set of 4	22	1.66 OD	379.18
FS2350-HP	2350 Gallon Hoops	Set of 4	22	1.90 OD	711.27
FS2750-HP	2750 Gallon Hoops	Set of 4	22	1.90 OD	792.11
FS3200-HP	3200 Gallon Hoops	Set of 4	22	1.66 OD	486.91
FS3250-HP	3250 Gallon Hoops	Set of 4	22	1.90 OD	908.59
FS3250-LAD	3250 Gallon Ladder	-	46	16 x 78	224.96

Part #	Capacity	Hoop Qty.	Weight /lbs.	Dimensions	Price
FS0925-SK	925 Gallon Skid	-	280	62 x 64	583.64
FS1010-SK	1010 Gallon Skid	-	409	53 x 115	873.32
FM1065-SKS	1065 Gallon Skid w/sump	-	280	61 x 78	697.15
FS1065-SKW	1065 Gallon Skid w/o sump	-	200	59 x 100	468.04
FS1300-SK	1300 Gallon Skid	-	450	64 x 104	840.63
FS1610-SK	1610 Gallon Skid	-	490	83 x 112	1258.85
FM1800-SKS	1800 Gallon Skid w/sump	-	580	64 x 125	1102.76
FS1800-SKW	1800 Gallon Skid w/o sump	-	382	64 x 125	844.55
FS2350/3250-SK	2350/2750/3250 Gallon Skid	-	1078	88 x 146	2405.86
FS2600-SK	2600 Gallon Skid	-	900	64 x 190	1416.56
FS3200-SK	3200 Gallon Skid	-	1163	89 x 168	2351.62

Bands are located on the next page.

Ace Roto-Mold Free-Standing Horizontal Bulk Storage Tanks Bands

Powder-Coated Steel Bands w/J-Bolts



Heavy gauge steel bands available for 35 through 535 gallon tanks. Silver powder coated finish on all bands except 35 and 65 gallon tanks which are stainless steel. Bands feature reinforced holes for J-Bolts, allow additional mounting hole flexibility.

Part #	Capacity		Weight	Bands	Price
FS0035-SB*	35 Gallon Kit Silver	-	18 ga.	45 x 2	20.06
FS0065-SB*	65 Gallon Kit Silver	-	18 ga.	61 x 2	20.17
FS125/165-SBPJ	125/165 Gallon Kit Silver	-	14 ga.	80 x 3	45.36
FS225/325-SBPJ	225/325 Gallon Kit Silver	-	14 ga.	95 x 3	54.78
FS0335-SBPJ	335 Gallon Kit Silver	-	14 ga.	110 x 3	63.43
FS0535-SBPJ	535 Gallon Kit Silver	-	14 ga.	120 x 3	66.45

* FS0035 and FS0065 bands are stainless steel. Stainless is available on other sizes as a special quote.

Powder-Coated Formed Steel Bands w/Feet



Heavy gauge steel bands available for 35 through 535 gallon tanks. Silver powder coated finish on all bands except 35 and 65 gallon tanks which are stainless steel. Bands feature a formed foot for securely fastening tank to platform surface. Formed foot provides a more rigid connection for tank.

Part #	Capacity		Weight/lbs.	Dimensions	Price
FS0035-SBPF	35 Gallon Kit Silver	-	8	2 x 47.5	34.26
FS0065-SBPF	65 Gallon Kit Silver	-	12	2 x 67	44.21
FS125/165-SBPF	125/165 Gallon Kit Silver	-	16	2.5 x 84.5	52.44
FS225/325-SBPF	225/325 Gallon Kit Silver	-	19	2.5 x 99.5	61.86
FS0335-SBPF	335 Gallon Kit Silver	-	34	2.75 x 116.5	77.70
FS0535-SBPF	535 Gallon Kit Silver	-	36	2.75 x 125	82.99

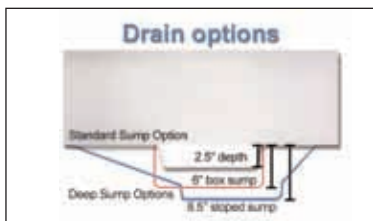
Ace Roto-Mold Elliptical Tanks



Features:

- Elliptical Tanks can be selected for stationary or transportable (non-D.O.T. regulated) applications both indoors and outdoors.
- The elliptical tank lowers the center of gravity to enhance stability and visibility.
- Standard 2-1/2" collection sump on the bottom for full drain out.
- An 8-1/2" deep sump option is available on four sizes.
- Sump is located directly under the lid on standard tanks, but a center sump option is available on tanks from 500 to 1000 gallons.
- Tanks require the bottom to be fully supported with a cradle for use.
- Tanks are manufactured from medium-density polyethylene with U.V. stabilizers and are designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
HE0200-41	200 Gallon	82	41 x 66 x 26	8"	3/4" & 1-1/4"	326.54
HE0300-48	300 Gallon	112	48 x 70 x 30	8"	3/4" & 1-1/4"	414.77
HE0400-57	400 Gallon	127	57 x 70 x 36	8"	3/4" & 1-1/4"	460.80
HE0500-57	500 Gallon	163	57 x 82 x 36	8"	3/4" & 1-1/4"	573.81
HED0500-57	500 Gal Deep (8.5") Sump	163	57 x 82 x 36	8"	3/4" & 1-1/4"	573.81
HE0750-69	750 Gallon	220	69 x 89 x 42	16"	1-1/4" & 2"	777.99
HED0750-69	750 Gal Deep (8.5") Sump	220	69 x 89 x 42	16"	1-1/4" & 2"	777.99
HE0850-69	850 Gallon	246	69 x 89 x 46	16"	1-1/4" & 2"	882.70
HED0850-69	850 Gal Deep (8.5") Sump	246	69 x 89 x 46	16"	1-1/4" & 2"	882.70
HE1000-78	1000 Gallon	285	78 x 90 x 49	16"	1-1/4" & 2"	989.05
HED1000-78	1000 Gal Deep (8.5") Sump	285	78 x 90 x 49	16"	1-1/4" & 2"	989.05
HE1600-78	1600 Gallon	439	78 x 138 x 49	16"	2"	1526.41
HED1600-78	1600 Gal Deep (6") Sump	439	78 x 138 x 49	16"	2"	1526.41



Cradles for Elliptical Tanks

Part #	Capacity	Weight/lbs.	Bands	Price
HE0200-C	200 Gallon	140	3" x 61"	347.94
HE0300-C	300 Gallon	155	3" x 74"	397.38
HE0400-C	400 Gallon	190	4" x 88"	464.13
HE0500-C	500 Gallon	202	4" x 88"	536.13
HE0750-C	750 Gallon	451	4" x 91"	869.78
HE0850-C	850 Gallon	453	4" x 99"	874.78
HE1000-C	1000 Gallon	515	4" x 105"	1188.44
HE1600-C	1600 Gallon	578	3.5" x 124"	1733.24



PLASTIC TANKS

Ace Roto-Mold Round Horizontal Bulk Storage Tanks



Features:

- Round Horizontal Tanks are selected when transportable (non D.O.T. regulated) containment is required for indoor or outdoor applications.
- Tanks require skids and bands to support the round bottom.
- All tanks are equipped with drain out sumps.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Weight /lbs.	Dia. x length	Lid	Fitting	Price
HZ0025-23	25 Gallon	14	23 x 22	5"	3/4"	63.59
HZ0055-23	55 Gallon	23	23 x 38	5"	3/4"	105.76
HZ0075-24	75 Gallon	31	24 x 47	5"	3/4"	129.81
HZ0095-24	95 Gallon	35	24 x 56	5"	1-1/4"	174.51
HZ0110-30	110 Gallon	40	30 x 44	8"	1-1/4"	177.71
HZ0150-30	150 Gallon x 30	48	30 x 57	8"	3/4" & 1-1/4"	213.17
HZ0150-32	150 Gallon x 32	48	32 x 52	8"	3/4" & 1-1/4"	213.17
HZ0200-32	200 Gallon x 32	64	32 x 68	8"	3/4" & 1-1/4"	260.09
HZ0200-38	200 Gallon x 38	64	38 x 51	8"	3/4" & 1-1/4"	260.09
HZ0300-38	300 Gallon	88	38 x 76	8"	3/4" & 1-1/4"	334.41
HZ0500-48	500 Gallon	122	48 x 79	8"	3/4" & 1-1/4"	454.51



Cradles for Horizontal Tanks

Part #	Capacity		Weight/lbs.	Bands	Price
HZ0025-C*	25 Gallon	-	20	1.5" x 50"	68.59
HZ0055-C*	55 Gallon	-	24	2" x 50.5"	75.04
HZ0075-C	75 Gallon	-	36	2" x 51.5"	123.73
HZ0095-C	95 Gallon	-	38	2" x 51.5"	132.46
HZ0110-C	110 Gallon	-	40	2.75" x 60"	150.43
HZ0153-C	150 Gallon x 30	-	57	2.75" x 55"	215.31
HZ0150-C	150 Gallon x 32	-	56	2.75" x 56"	209.95
HZ0232-C	200 Gallon x 32	-	110	2.75" x 57"	305.38
HZ0238-C	200 Gallon x 38	-	85	2.75" x 65"	290.74
HZ0300-C	300 Gallon	-	145	2.75" x 69.5"	351.12
HZ0500-C	500 Gallon	-	170	2.75" x 86.5"	427.79

* HZ0025-C and HZ0055-C have stainless steel bands.

Ace Roto-Mold Cone Bottom Bulk Storage Tanks



Features

- Cone Bottom Tanks are selected when a more complete drain out of stored chemical is required in indoor or outdoor installations.
- Tanks require stands to support the conical bottoms.
- Tanks are manufactured from medium- or high-density polyethylene with U.V. inhibitors.
- Tanks are available in 1.7, 1.9, and 2.0 Specific Gravity
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- All tanks include a PP/EPDM Bulkhead fitting at bottom of tank as standard
- Bulkhead fittings are available in other materials, such as PVC, PVDF, and SS.

Part #	Gal. Capacity	Specific Gravity	Weight /lbs.	Dia. x Height	Height	Lid	Fitting	Price
CB0150-36	150 - 45 deg	2.0	61	36 x 51	63"	12"	2"	252.64
CB0200-42	200 - 45 deg	2.0	75	42 x 55	65"	12"	2"	309.75
CB0300-42	300 - 45 deg	2.0	100	42 x 67	76"	16"	2"	387.86
CB0345-52	345 - 45 deg	2.0	100	52 x 58	70"	12"	2"	415.51
CB0350-42	350 - 45 deg	2.0	118	42 x 81	93"	12"	2"	440.42
CB0500-52	500 - 45 deg	2.0	130	52 x 81	92"	12"	2"	479.92
CB1000-64	1000 - 45 deg	1.7	250	64 x 98	112"	16"	2"	847.50
CB1000-64-1.9	1000 - 45 deg	1.9	250	64 x 98	112"	16"	2"	971.50
CB1200-90	1200 - 15 deg	1.7	240	90 x 62	74"	16"	2"	823.07
CB1200-90-1.9	1200 - 15 deg	1.9	240	90 x 62	74"	16"	2"	942.11
CB1490-64	1490 - 45 deg	1.7	340	64 x 132	146"	16"	2"	1135.26
CB1490-64-1.9	1490 - 45 deg	1.9	340	64 x 132	146"	16"	2"	1303.90
CB1600-90	1600 - 30 deg	1.7	284	90 x 85	93"	16"	2"	981.92
CB1600-90-1.9	1600 - 30 deg	1.9	284	90 x 85	93"	16"	2"	1122.78
CB1700-86	1700 - 15 deg	1.7	284	86 x 85	96"	16"	2"	973.90
CB1700-86-1.9	1700 - 15 deg	1.9	284	86 x 85	96"	16"	2"	1114.76
CB2500-90	2500 - 15 deg	1.7	435	90 x 111	121"	16"	2"	1285.94
CB2500-90-1.9	2500 - 15 deg	1.9	435	90 x 111	121"	16"	2"	1501.70
CB2600-90	2600 - 30 deg	1.7	500	90 x 123	129"	16"	2"	1643.69
CB2600-90-1.9	2600 - 30 deg	1.9	500	90 x 123	129"	16"	2"	1891.69
CB2600-86	2600 - 45 deg	1.7	500	86 x 146	154"	16"	2"	1643.69
CB2600-86-1.9	2600 - 45 deg	1.9	500	86 x 146	154"	16"	2"	1891.69
CB3000-90	3000 - 15 deg	1.7	550	90 x 128	137"	16"	2"	1770.42
CB3000-90-1.9	3000 - 15 deg	1.9	550	90 x 128	137"	16"	2"	2043.22
CB4600-102	4600 - 15 deg	1.7	1200	102 x 155	166"	16"	2"	3715.09
CB4600-102-1.9	4600 - 15 deg	1.9	1200	102 x 155	166"	16"	2"	4310.29
CB4900-102	4900 - 15 deg	1.7	1300	102 x 159	170"	16"	2"	4007.91
CB4900-102-1.9	4900 - 15 deg	1.9	1300	102 x 159	170"	16"	2"	4652.71
CB6900-122+	6900 - 15 deg	1.7	1700	122 x 168	177"	16"	2"	5027.87
CB6900-122-1.9+	6900 - 15 deg	1.9	1700	122 x 168	177"	16"	2"	5871.07
CB8250-122+	8250 - 15 deg	1.7	2100	122 x 195	205"	16"	2"	6148.08
CB8250-122-1.9+	8250 - 15 deg	1.9	2100	122 x 195	205"	16"	2"	7189.68

+ indicates available with 3" fitting

Cone Bottom Stands are located on the next page.

Ace Roto-Mold Cone Bottom Stands



from tank to ground

Part #	Capacity	Weight /lbs.	Clearance	Price
CB036-45ST	150 gal - 45 degree	63	12"	243.83
CB042-45ST	200,300 or 350 gal - 45 degree	82	11"	276.57
CB052-45ST	345 or 500 gal - 45 degree	174	13"	462.14
CB064-45ST	1000 or 1490 gal - 45 degree	320	14"	706.79
CB086-15ST	1700 gal - 15 degree	360	11"	921.00
CB086-45ST	2600 gal - 45 degree	580	12"	1256.82
CB090-15ST	1200,2500 or 3000 gal - 15 degree	380	11"	941.03
CB090-30ST	1600 or 2600 gal - 30 degree	640	9"	1174.81
CB102-15ST	4600 or 4900 gal - 15 degree	448	11"	1268.27
CB122-15ST	6900 or 8250 gal - 15 degree	1020	10"	3588.52

Ace Roto-Mold Fuel Tanks



Features:

- Typically used as a fuel tank on power equipment, these specialty tanks are manufactured from high-density cross-linked polyethylene with U.V. stabilizers and are available in natural and black colors.
- Tanks are designed for the containment of all chemicals (including gasoline and diesel fuels) rated for contact with cross-linked polyethylene.
- The standard weight tank is designed for chemicals with a specific gravity of 1.75.
- Tanks are provided with a collection sump on the bottom for fitting installation, but because of the variety of applications, **no fittings are furnished**.
- Please contact the sales dept. regarding available fittings.

Part #	Capacity	Weight/lbs.	Lid	Width x Length x Height	Price
SP0006-FU	6 Gallon Fuel XLPE	5	2"	10 x 15 x 10	59.66
SP0006-FUWB	6 Gallon Fuel XLPE w/1/4" brass bulkhead	5	2"	10 x 15 x 10	67.59
SP0012-FU	12 Gallon Fuel XLPE	9	2"	14 x 18 x 12	72.12
SP0012-FUWB	12 Gallon Fuel XLPE w/1/4" brass bulkhead	9	2"	14 x 18 x 12	80.06

Ace Roto-Mold Inductor Bulk Storage Tanks



Features:

- Inductor Tanks are selected as supply tanks for application systems and when a more complete drain out of stored liquids is required in indoor or outdoor applications.
- Tanks require stands to support the conical bottoms.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- Inductor tanks (IN) are furnished with bulkhead fittings as standard.
- Some sizes are available with complete drain-out capability. These "INFD" tanks may have internal or external threads and have various outlet size options.

Part #	Gal. Capacity	Specific Gravity	Weight /lbs.	Dia. x Height	Lid	Fitting	Price
IN0015-19	15	1.7	10	19 x 24	12"	2" FPT	\$ 68.62
INFD15-19	15 Full Drain	1.7	10	19 x 27	12"	1 1/2" FPT BOSS	68.62
IN0015-19SM	15 Side Mount	1.7	8	19 x 24	12"	2" FPT	68.62
IN0030-24	30	1.7	15	24 x 30	12"	2" FPT	87.68
INFD30-24	30 Full Drain	1.7	15	24 x 33	12"	1 1/2" FPT BOSS	87.68
IN0040-30	40	1.7	26	30 x 34	12"	2" MPT BOSS	128.42
IN0060-24	60 x 24	1.7	22	24 x 42	12"	2" FPT	117.93
INFD60-24	60 x 24 Full Drain	1.7	22	24 x 46	12"	1 1/2" FPT BOSS	117.93
INFD60-30	60 x 30 Full Drain	1.7	26	30 x 38	12"	2" MPT BOSS	141.19
IN0085-30	85	1.7	35	30 x 44	12"	2" FPT	171.50
IN0110-30	110	1.7	42	30 x 51	12"	2" FPT	201.34

Inductor tanks (IN) are furnished with Ace bulkhead fittings as standard.



Some sizes are available with complete drain-out capability. These "INFD" tanks may have internal or external threads and have various outlet size options.

Ace Roto-Mold Inductor Stands

Part #	Capacity	Weight /lbs.	Dimensions	Price
IN15-ST	15 gallon	17	-	74.53
IN30/60-ST	30 or 60 gal. (for 24" dia. tanks)	20	-	79.18
IN40/85-ST	40,60,85 or 110 gal. (for 30" dia. tanks)	40	-	141.30
IN40-ST (UPS)	40 gal. (designed for UPS shipments)	40	-	141.30

Ace Roto-Mold Crop Care Tanks



Features:

- Crop Care Tanks are designed for OEM sprayer applications that contain chemicals rated for contact with polyethylene.
- Three hoop recesses are provided around the tank to facilitate installation and anchoring.
- Wide bottom tanks are available with either box-style or sloped-style sump on the bottom for withdrawal.
- Narrow bottom tanks are cutout on each side to facilitate narrow track widths and are only available with a sloped-style sump.
- Tanks are furnished with polyethylene baffles for fluid control and a five-gallon rinse tank.
- The tanks are manufactured from high-density polyethylene with U.V. stabilizers and are designed for liquids of up to 1.9 specific gravity.

Part #	Capacity	Weight /lbs.	WidthxLengthxHeight	Lid	Fitting	Price
CC1000-58S	1000 Gallon w/sloped sump	305	58 x 115 x 47	16"	2"	1231.69
CC1000-58N	1000 Gal narrow btm w/sloped sump	305	58 x 115 x 51	16"	2"	1231.69
CM1000-58B	1000 Gallon w/box sump	305	58 x 115 x 47	16"	2"	1231.69
CC1250-58S	1250 Gallon w/sloped sump	432	58 x 115 x 57	16"	2"	1655.06
CC1250-58N	1250 Gal narrow btm w/sloped sump	432	58 x 115 x 61	16"	2"	1655.06
CM1250-58B	1250 Gallon w/box sump	432	58 x 115 x 57	16"	2"	1655.06
CC1500-58S	1500 Gallon w/sloped sump	483	58 x 115 x 66	16"	2"	1853.49
CC1500-58N	1500 Gal narrow btm w/sloped sump	483	58 x 115 x 70	16"	2"	1853.49
CM1500-58B	1500 Gallon w/box sump	483	58 x 115 x 66	16"	2"	1853.49

*Baffles and a 5-gallon rinse tank are included with each Crop Care tank. Tanks are shipped on returnable pallet. Fittings are shipped loose.

Hoops for Crop Care Tanks

Part #	Capacity		Kit	Kit	Price
CC1000-HP	1000 Gallon Hoops	-	1 set	3 - 2 3/8" pipes	288.11
CC1250-HP	1250 Gallon Hoops	-	1 set	3 - 2 3/8" pipes	363.96
CC1500-HP	1500 Gallon Hoops	-	1 set	5 - 2 3/8" pipes	606.93

Ace Roto-Mold Stock Tanks



Features:

- Stock Tanks are designed for portable livestock watering.
- Tank tops, sides and bottom are ribbed for strength.
- Drain plug is provided on all tanks except 124 models.
- Tank models are nestable for shipping and storage.
- Tanks are manufactured from U.S.D.A. compliant low-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.0 specific gravity.

Part #	Capacity	Model No.	Dia.xLengthxHeight	Weight/Lbs.	Drain Plug	Price
ARM-10115	50 Gallon Oval	RE124	50 x 31 x 12	15	No outlet	1231.69
ARM-10116	100 Gallon Oval	RE224	55 x 31 x 25	25	1"	1231.69
ARM-10117	150 Gallon Oval	RE226	75 x 31 x 25	46	1"	1231.69
ARM-10138	320 Gallon Round	R62	72 x 24	62	1-1/2"	1655.06
ARM-10139	610 Gallon Round	R82	96 x 24	92	1-1/2"	1655.06
ARM-10135	920 Gallon Round	R92	106 x 29	137	1-1/2"	1655.06

Ace Roto-Mold Tractor Mounted Tanks



Oval Tank

Features:

- Tractor Mounted Tanks are designed as portable (non D.O.T. regulated) applicator tanks.
- Tanks require the bottom to be fully supported with a cradle for use.
- Gallon indicators are included and the tank walls are translucent for level viewing.
- Ends of tanks feature flats to facilitate a variety of installation options.
- Bottom of tanks feature a collection sump for full drain out.
- The tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.

Oval and Tear Drop Tanks

Part #	Capacity	Weight /lbs.	WidthxLengthxHeight	Lid	Fitting	Price
OT0300-31	300 Gallon Oval	100	31 x 49 x 56	16"	3/4" & 1-1/4"	392.86
TD0250-36	250 Gallon Tear Drop	97	36 x 52 x 45	12"	3/4" & 1-1/4"	381.75
TD0300-36	300 Gallon Tear Drop	109	36 x 62 x 45	12"	3/4" & 1-1/4"	411.80

Cradles for Tear Drop Tanks

Part #	Capacity		Weight/lbs.	Bands	Price
TD0250-C	250 Gallon	-	96	2.5" x 74.5"	294.72
TD0300-C	300 Gallon	-	108	2.5" x 74.5"	321.99



Tear Drop Tank

Cut-Away
Applicator Tank



Cut-Away Applicator Tanks

Part #	Capacity	Weight /lbs.	WidthxLengthxHeight	Lid	Fitting	Price
CAW0200-24	200 Gallon	80	24 x 55 x 46	8"	3/4" & 1-1/4"	305.11
CAW0250-24	250 Gallon	95	24 x 61 x 51	8"	3/4" & 1-1/4"	349.22

Cradles for Cut-Away Tanks

Part #	Capacity		Weight/lbs.	Bands	Price
CAW0200-C	200 Gallon	-	135	3" x 60"; 3" x 40"	436.73
CAW0250-C	250 Gallon	-	143	3" x 72"; 3" x 51"	438.32

Ace Roto-Mold Spot Sprayer Applicator Tanks



Features:

- Spot Sprayer Tanks are designed as portable applicator supply tanks and are equipped with pump and equipment mount inserts.
- Tanks are equipped with molded in legs to support the tank and band locators for tie down.
- Tanks mount with bottom inserts.
- Tanks are manufactured from linear low-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.

Part #	Capacity	Weight/lbs.	Lid	Height x Length	Price
SM0014-14S	14 Gallon with sump	8	5"	14 x 31	52.07
SS0014-14	14 Gallon without sump	8	5"	14 x 31	52.07
SM0025-18S	25 Gallon with sump	13.5	5"	18 x 34	65.50
SS0025-18	25 Gallon without sump	13.5	5"	18 x 34	65.50

Ace Roto-Mold Pickup Tanks



Features:

- Pickup Tanks are selected as applicator tanks or when transportable (non D.O.T. regulated) containment is required.
- Tanks are designed to fit most pickup trucks.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.



Part #	Capacity	Weight /lbs.	Dia. x Height	Lid	Fitting	Price
PU0200-52	200 Gallon	54	52 x 30	8"	2"	220.24
PU0205-52	205 Gallon	87	52 x 52 x 26	7"	2"	296.69
PU0305-60	305 Gallon	97	60 x 58 x 30	7"	2"	333.19
PU0350-62	350 Gallon	92	62 x 34	8"	2"	328.45
PU0450-62	450 Gallon	102	62 x 41	8"	2"	382.81

*Syphon tube included with all Pickup Tanks.

Ace Roto-Mold Liquid Feeder Tanks



Features:

- These tanks are designed for dispensing liquid feed supplements to livestock.
- Tanks are equipped with rotary dispensing wheels and fill port.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.5 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.
- Wheels sold separately.

Part #	Capacity	Description	Weight/lbs.	Dia. x Height	Price
LTA155-55	155 Gallon	Uses up to three 24-inch wheels	60	50 x 38	184.37
LTA180-68	180 Gallon	Uses up to four 17-inch wheels	75	68 x 34	230.86
LTA285-68	285 Gallon	Uses up to four 24-inch wheels	98	68 x 39	287.90
LT17W		17-inch wheel	2	-	20.09
LT24W		24-inch wheel	4	-	32.62

Ace Roto-Mold Mineral Feeders/Carts



Features:

- Mineral Feeders feature a heavy metal base and pivot system to prevent mineral loss in wind.
- Polyethylene feeder housing is corrosion resistant with U.V. inhibitors.
- Mineral Feeder capacity is 100 lbs. and is U.S.D.A. compliant.
- Feed carts feature a polyethylene tub with a 3.5 bushel capacity.
- The metal frame is powder coated.

Part #	Capacity	Description	Weight/lbs.	Dimensions(Assembled)	Price
MF-10198	-	100 lb. Mineral Feeder	91	72 x 72 x 54	301.35
SJ-10183	-	3.5 Bushel Standard Feed Cart	60	18 x 40 x 36	280.43
SJ-10232	-	3.5 Bushel Deluxe Feed Cart	65	18 x 40 x 36	499.84

Ace Roto-Mold Specialty Bulk Storage & Applicator Tanks

Features:

- Specialty Tanks are available for a variety of custom applications in both stationary and portable configurations.
- Tanks are manufactured from medium-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity.
- Tank walls are translucent for level viewing and equipped with gallon indicators.



Specialty
Rinse
Tanks

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP002.5-RT	2.5 Gal Rectangle	3	7 x 15 x 14	5"	3/4"	30.69
SP0003-RT	3 Gal Rectangle	3	7 x 12 x 14	5"	3/4"	32.01
SP003.5-CL	3.5 Gal Cylinder	4	11 x 15	5"	3/4"	31.41
SP0004-SQ5	4 Gal Square	4	11 x 11 x 15	5"	1 1/4"	47.74
SP0004-SQ8	4 Gal Square	4	11 x 11 x 14	8"	1 1/4"	47.74
SP0005-SQ5	5 Gal Square	5	11 x 11 x 20	5"	1 1/4"	47.59
SP0005-SQ8	5 Gal Square	5	11 x 11 x 19	8"	1 1/4"	47.59
SP0010-SQ8	10 Gal Square	10	13 x 13 x 21	8"	1 1/4"	67.26

Rectangle
Tanks
Flat Bottom



Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP0005-RT	5 Gallon	5	10 x 22 x 8	5"	-	35.09
SP0006-2P	6 Gal w/pump mount & 2" lid	5	12 x 15 x 8	2"	-	38.22
SP0006-5N	6 Gal w/5" lid	5	12 x 15 x 8	5"	-	38.22
SP0007-RT	7 Gallon	7	9 x 14 x 15	5"	-	42.61
SP0016-MM	16 Gallon	9	14 x 21 x 14	5"	-	50.81
SP0020-OM	20 Gal Upright	16	11 x 15 x 31	5"	1/2" outlet	78.45

Ace Roto-Mold Specialty Bulk Storage & Applicator Tanks



Utility
Tanks
Flat Bottom

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP0026-RT	26 Gal Rectangle	14	18 x 25 x 19	8"	3/4" outlet	85.67
SP0045-AS	45 Gal Rectangle	22	18 x 37 x 18	5"	-	96.29
SP0050-RT*	50 Gal Rectangle	25	19 x 38 x 20	8"	1"	122.76
SP0055-MM	55 Gal Rectangle	30	18 x 18 x 44	5"	1"	125.09
SP0068-RT	68 Gal Rectangle	40	26 x 42 x 17	6"	1"	177.37
SP0080-RT*	80 Gal Rectangle (Support Req.)	42	18 x 27 x 44	5"	1"	163.76
SP0100-RT*	100 Gal Rectangle	48	27 x 43 x 26	8"	1"	191.56
SP0110-RT*	110 Gal Low Profile Rectangle	59	35 x 48 x 17	5"	1"	224.44
SP0150-RT*	150 Gal Rectangle	60	36 x 48 x 25	8"	1"	226.28
SP0200-RT*	200 Gal Rectangle	80	36 x 48 x 34	8"	1"	280.88
SP0250-UT	250 Gal Upright Rectangle	113	29 x 62 x 42	16"	1 1/2"	401.97
SP0400-UT	400 Gal Upright Rectangle	207	29 x 62 x 66	16"	2"	658.49

* Sloped bottom for full drainage

Applicator
Tanks
Sump on Bottom



Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP0008-VM	8 Gal Loaf	6	12 x 16 x 17	5"	1/2" FPT Boss	48.72
SP0012-RT	12 Gal Rectangle	9	14 x 18 x 12	5"	3/4"	50.54
SP0012-VM	12 Gal Loaf	9	12 x 16 x 22	5"	1/2" FPT Boss	50.35
SP0019-VM	19 Gal Loaf	15	12 x 16 x 28	5"	1/2" FPT Boss	74.40
SP0020-LC	20 Gal Rectangle	11	14 x 28 x 12	5"	3/4"	69.94



Rectangle
Tanks
Total Drain

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
SP0035-RT*	35 Gal Rectangle	17	19 x 28 x 20	5"	1"	86.14
SP0056-RT*	56 Gal Rectangle	28	20 x 38 x 26	5"	3/4"	123.74

* Sloped bottom for full drainage

Ace Roto-Mold PCO (Pest Control Operator) Tanks



Features:

- PCO tanks can be selected for stationary or transportable (non-D.O.T. regulated) applications both indoor and outdoors.
- The 50-300 gallon tanks have a rounded bottom for best fluid drainage.
- A 2" deep sump option is also available on these sizes.
- PCO tanks must be securely anchored for use in transportable applications and powder coated steel bands are available for this purpose.
- Tanks are manufactured from medium-density polyethylene with U.V. stabilizers and designed for containment of liquids of up to 1.7 specific gravity.

Part #	Capacity	Weight /lbs.	Widthxlengthxheight	Lid	Fitting	Price
PCO035-16W	35 Gallon	25	16 x 35 x 21	5"	1"	114.21
PCO050-19S	50 Gallon w/sump	25	19 x 38 x 23	8"	1"	123.10
PCO050-19W	50 Gallon	25	19 x 38 x 23	8"	1"	123.10
PCO100-30S	100 Gallon w/sump	50	30 x 38 x 29	8"	1"	197.32
PCO100-30W	100 Gallon	50	30 x 38 x 29	8"	1"	197.32
PCO150-37S	150 Gallon w/sump	61	37 x 48 x 29	12"	1 1/4"	237.03
PCO150-37W	150 Gallon	61	37 x 48 x 29	12"	1 1/4"	237.03
PCO200-37S	200 Gallon w/sump	82	37 x 48 x 38	12"	1 1/4"	293.25
PCO200-37W	200 Gallon	82	37 x 48 x 38	12"	1 1/4"	293.25
PCO300-37S*	300 Gallon w/sump	160	37 x 69 x 40	16"	2"	624.50
PCO300-37W*	300 Gallon	160	37 x 69 x 40	16"	2"	624.50

* S = Sump / W = Without sump

PCO300-37 comes with internal baffle for support and fluid control.

Powder-Coated Steel Bands for PCO's

Part #	Capacity		Weight/lbs.	Dimensions	Price
PC0035-SB*	35 Gallon Kit Silver	-	3	2 x 50.5	33.99
PC0050-SBP	50 Gallon Kit Silver	-	6	2.5 x 57.5	41.00
PC0100-SBP	100 Gallon Kit Silver	-	10	2.5 x 76	45.09
PC0150-SBP	150 Gallon Kit Silver	-	15	3.5 x 82	63.23
PC0200-SBP	200 Gallon Kit Silver	-	18	3.5 x 98	91.37
PC0300-SBP	300 Gallon Kit Silver	-	20	4 x 100	114.91

* PC0035-SB is stainless steel. All other sizes are powder coated silver. 2 Bands per Set.

Ace Roto-Mold Septic/Cistern Tanks



Features:

- Septic Tanks are designed and manufactured to meet wastewater treatment system standards.
- Cistern water tanks are designed for bulk storage or collection of potable water.
- Manufactured from high-density polyethylene with U.V. inhibitors, tanks are designed for containment of liquids up to 1.7 specific gravity.
- Tanks feature deep ribbing for strength to permit below-ground installations of up to 36" depths.
- The 1000, 1250, and 1500 gallon double-compartment septic tanks have been tested by NSF to meet the IAPMO Z1000 and CAN/CSA-B-66 standards.
- Consult with the applicable state, county or local codes for polyethylene septic tank compliance and installation requirements.

Septic Tanks

Part #	Capacity	Description	Weight/lbs.	Width x Length x Height	Price
AST-0300-1	300 Gallon	Pump Tank w/One Access Cover	134	54 x 56	444.69
AST-0750-1	750 Gallon	Single Compartment w/One Access Cover	259	60 x 70 x 60	764.90
AST1000-1	1000 Gallon	Single Compartment w/Two Access Covers	390	60 x 101 x 60	1059.62
AST-1000-2	1000 Gallon	Double Compartment w/Two Access Covers	436	60 x 101 x 60	1219.30
AST-1250-1	1250 Gallon	Single Compartment w/Two Access Covers	443	58 x 118 x 72	1222.01
AST-1250-2	1250 Gallon	Double Compartment w/Two Access Covers	489	58 x 118 x 72	1383.29
AST-1500-1	1500 Gallon	Single Compartment w/Two Access Covers	528	58 x 137 x 72	1429.13
AST-1500-2	1500 Gallon	Double Compartment w/Two Access Covers	574	58 x 137 x 72	1590.40



Cistern Tanks

Part #	Capacity	Description	Weight/lbs.	Width x Length x Height	Price
AST-0325-1W	325 Gallon	Cistern Tank	134	54 x 56	456.02
AST-0850-1W	850 Gallon	Cistern Single Compartment	259	60 x 70 x 60	776.25
AST-1150-1W	1150 Gallon	Cistern Single Compartment	414	60 x 101 x 60	1082.31
AST-1450-1W	1450 Gallon	Cistern Single Compartment	473	58 x 118 x 72	1238.01
AST-1700-1W	1700 Gallon	Cistern Single Compartment	567	58 x 137 x 72	1451.73

Septic/Cistern Tank Accessories are located on the next page.



PLASTIC TANKS

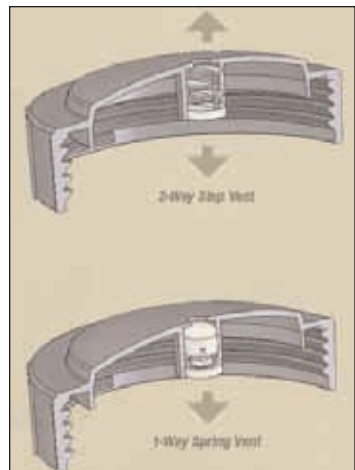
Septic/Cistern Tank Accessories

Only Ace Tanks have double-walled access covers that lock securely to the tank body and can be secured using nylon ties, eliminating the need for metal fasteners that can corrode and fail. They feature a custom-molded gasket in the lid. Manufactured from extruded Nitrile Rubber, the gasket snaps into the lid to make a watertight seal.

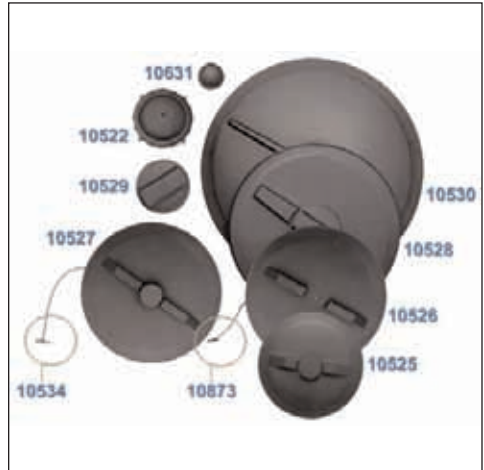
Part #	Capacity	Description	Weight/lbs.	Dimensions	Price
AST19365	-	7" Access Extension - Black	13	32.5 x 13.5	58.97
AST19379	-	7" Access Extension - White	13	32.5 x 13.5	67.44
AST19212	-	16" Access Extension - Black	35	32.5 x 22	75.70
AST19214	-	16" Access Extension - White	35	32.5 x 22	96.05
AST19368	-	16" Access Extension - Green	35	32.5 x 22	116.84
AST19211	-	24" Ace Access Cover - Black	14	32.5 x 8	51.35
AST19213	-	24" Ace Access Cover - White	14	32.5 x 8	62.21
AST19366	-	24" Ace Access Cover - Green	14	32.5 x 8	65.56
AST19257	-	8" dia. Riser & Lid - Black	20	32.5 x 29	76.37
AST19258	-	8" dia. Riser & Lid - White	20	32.5 x 29	76.37
AST10078	-	4" Sanitary Gasket	1	4.00 ID x 8 OD	9.21
AST10084	-	4" Sch. 40 Gasket	1	4.25 ID x 8 OD	8.79
AST19256	-	4" Gasket Retainer & Hardware	1	-	6.00
AST10154	-	Divider Panel Assembly for 1000 gal w/Hardware	46	-	155.86
AST19233	-	Divider Panel Assembly for 1250/1500 gal w/Hardware	46	-	157.42
AST18000-xx	-	Internal Plumbing Kit xx = State Specific	-	-	85.00



Man-Way Lids & Accessories



These durable lids are available in a wide range of sizes from 2" to 22". Most are available with or without venting to suit your applications. Injection molded from polypropylene with U.V. inhibitors ensures long life.



Part #	Description	Size (in.)	Material	Price
10631	Spin-on Kelch Cap	2"	Black Polypro	4.02
10523	Spin-on Non-Vented Lid	5"	Black Polypro	5.58
10522	Spin-on Spring-Vented Lid	5"	Black Polypro	5.58
12110	Spin-on Lid w/Step Vent	5"	Black Polypro	5.78
19406	Hinged low-Profile Lid	5"	Black Polypro	8.65
12415	Spin-on Non-Vented Lid	7"	Black Polypro	12.54
12414	Spin-on Spring-Vented Lid	7"	Black Polypro	12.54
12427	Spin-on Lid w/Step Vent	7"	Black Polypro	12.73
10525	Threaded Vented Lid & Ring	8"	Black Polypro	16.37
10526	Threaded Non-Vented Lid & Ring	12"	Black Polypro	18.60
10527	Threaded Vented Lid & Ring	12"	Black Polypro	20.58
10528	Threaded Vented Lid & Ring	16"	Black Polypro	29.02
10530	Threaded Vented Lid & Ring	22"	Black Polypro	76.20
10520	Breather Only (for 8" & 12" Lids)	-	Black Polypro	2.79
10529	Breather, 4" Center (for 16" Lid)	4"	Black Polypro	7.33
12460	Self-Anchoring Lanyard (for 5" & 7" Lids)	12"	Black Polypro	.44
10873	Short Lanyard (for 5", 8" & 12" Lids)	12"	Black Polypro	.28
10534	Long Lanyard (for 12" & 16" Lids)	16"	Black Polypro	.36

Hayward Air Release Valves



- Features:**
- Closes at 0 PSI
 - 225 PSI @ 70° F Non-Shock
 - True Union Design
 - 3/4" size
 - FPM Seals (EPDM available)
 - Screen standard
 - Supplied with both socket and threaded end connections.
 - Reliable Tank Air Venting
 - Hollow, Floating Ball Design
 - Prevents Tank Overflow

Size (in.)	PVC/FPM soc./thr. Part #	Price \$
3/4	3836-007	133.75

IPEX Air Release Valve

VA Series



- Features:**
- PVC Body • 3/4", 1 1/4", 2"
 - 232 PSI @ 73° F
 - EPDM or Viton® (FPM) Seals
 - Threaded Ends (NPT)
 - All valves come with both threaded and socket outlet end connectors.

Size (in.)	PVC/EPDM thr. Part #	Price \$
3/4	3221-007	171.25
1 1/4	3221-012	230.25
2	3221-020	329.70

Size (in.)	PVC/Viton® thr. Part #	Price \$
3/4	3221-007-V	185.85
1 1/4	3221-012-V	254.60
2	3221-020-V	372.95

Other Air release valves are available. See page 184 for the complete line.

Tank Fittings & Accessories



Features:

- 316 SS Nuts & Bolts
- Green PE Encapsulated Bolt Heads
- EPDM Seals

Bolt-On Tank Flange

	2"	3"	4"	-
Part #	3458-020	3458-030	3458-040	
PVC	175.00	225.00	295.00	-

Rhino™ Stainless Steel Tank Fittings

Constructed entirely from chemical resistant, type 316 Stainless Steel, every Rhino™ fitting is laser cut from super heavy duty plate stock and robotically welded to exacting standards. Tank fittings are only as strong as their weakest link, which is why Rhino™ has left nothing to chance.

Features:

- Oversized 1/2" diameter studs
- Die cut XLPE gaskets for maximum leak protection
- Optional EPDM or Viton gaskets
- Precision tooling guarantees 100% accuracy on each fitting
- Strict quality control standards and procedures



**Half Nipple
(MPT)**

Part #	Size (in.)	Bolt Pattern	Price
0631-010	3/4"	4 Bolt	176.29
0631-015	1"	4 Bolt	185.76
0631-025	1 1/2"	4 Bolt	201.61
0631-030	2"	4 Bolt	216.71
0631-040	3"	6 Bolt	490.17



**Full Nipple
(MNPT x
MNPT)**

Part #	Size (in.)	Bolt Pattern	Price
0632-005	1/2"	4 Bolt	180.60
0632-010	3/4"	4 Bolt	187.40
0632-015	1"	4 Bolt	194.13
0632-020	1 1/4"	4 Bolt	203.67
0632-025	1 1/2"	4 Bolt	208.66
0632-030	2"	4 Bolt	220.96
0632-035	2 1/2"	6 Bolt	448.79
0632-040	3"	6 Bolt	510.23
0632-045	4"	8 Bolt	594.57



**Full
Coupling
(FNPT x
FNPT)**

Part #	Size (in.)	Bolt Pattern	Price
0630-005	1/2"	4 Bolt	170.73
0630-010	3/4"	4 Bolt	175.12
0630-015	1"	4 Bolt	187.64
0630-020	1 1/4"	4 Bolt	188.79
0630-025	1 1/2"	4 Bolt	194.20
0630-030	2"	4 Bolt	213.06
0630-035	2 1/2"	6 Bolt	485.23
0630-040	3"	6 Bolt	506.80
0630-045	4"	8 Bolt	658.06

Installation (Labor) Prices for Tank Fittings & Accessories

Prices do not include Fitting. Installed at time of purchase only at our facility.



Bulkhead Fittings
Installation Price Only

Installation Price for all materials is as follows:
1/2" - 1 1/2" - \$20.00
2" - 6" - \$30.00



Bolt-On Flange
Installation Price Only

Installation Price for all materials is as follows:
2" - 3" - \$36.00
4" - \$60.00



Bolt-On Bulkhead
Installation Price Only

Installation Price for all materials is as follows:
1 1/2" - 3" - \$36.00
4" - 6" - \$60.00



**Self-Aligning
Bulkhead**
Installation Price Only

Installation Price for all materials is as follows:
1" - 2" - \$30.00
3" - \$36.00



Sight Gauge
Installation Price Only

Installation Price for all materials is as follows:
1/2" - 2" - \$40.00



Bulkhead Fittings - Heavy Duty

PVC CPVC PP (For Hole Saws, see below)



Hayward Safe-T-Loc Bulkhead Fittings (tank adapters) permit safe, quick pipe connections to plastic, metal, or plastic lined tanks. **There are two unique features: First**, the exceptionally heavy buttress thread is designed to prevent any possible leakage due to poor thread engagement. **Second**, the hex shaped body end allows for installation on large tanks with only one person, rather than the usual two, saving both time and money. **Rated 150 psi and NSF approved.** These adapters make inlets and outlets simple: Simply cut the proper hole size in the tank and jam the main body with one gasket from the inside thru the tank wall and tighten the loose nut.

* NOTE: 1/4" & 3/8" are Female NPT on one side only, no connection on opposite side and are not Hayward brand.

Size Inch	PVC - EPDM				PVC - VITON®			
	Part # SXT	Price	Part # TXT	Price	Part # SXT	Price	Part # TXT	Price
1/4*	3471	10.00	-	-	-	-	-	-
3/8*	3472	12.00	-	-	-	-	-	-
1/2	3473-SXT	11.15	3473-TXT	14.35	3211-SXT	17.90	3211-TXT	21.10
3/4	3474-SXT	12.35	3474-TXT	15.75	3212-SXT	19.30	3212-TXT	22.70
1	3475-SXT	13.55	3475-TXT	17.10	3213-SXT	22.05	3213-TXT	25.55
1 1/4	3476-SXT	18.00	3476-TXT	23.30	3214-SXT	26.40	3214-TXT	30.95
1 1/2	3477-SXT	18.00	3477-TXT	24.70	3215-SXT	26.40	3215-TXT	33.10
2	3478-SXT	26.80	3478-TXT	32.90	3216-SXT	43.75	3216-TXT	50.00
3	3479-SXT	49.25	3479-TXT	57.35	3217-SXT	77.30	3217-TXT	85.55
4	3480-SXT	96.90	3480-TXT	108.25	3218-SXT	198.95	3218-TXT	210.30
6‡	3481-SXT	362.27	3481-TXT	418.02	-	-	-	-

(‡ Neoprene)

CPVC - Corzan™				
Size Inch	Part # EPDM	Price SXT	Part # Viton	Price SXT
1/2	3484-E	15.20	3484-V	21.95
3/4	3485-E	18.00	3485-V	24.95
1	3486-E	20.60	3486-V	29.10
1 1/4	-	-	-	-
1 1/2	3488-E	28.05	3488-V	36.50
2	3489-E	39.70	3489-V	56.80
3	3490-E	68.50	3490-V	96.90
4	3491-E	115.45	3491-V	216.50
6‡	3492-SXT	613.10	-	-

PP (Natural)				
Size Inch	Part # EPDM	Price TXT	Part # Viton	Price SXT
1/2	3495-E	20.10	3495-V	26.50
3/4	3496-E	24.05	3496-V	30.95
1	3497-E	30.95	3497-V	39.70
1 1/4	3498-E	39.40	3498-V	48.10
1 1/2	3499-E	39.40	3499-V	48.10
2	3500-E	61.25	3500-V	78.65
3	3501-E	120.60	3501-V	138.15
4	3502-E	225.75	3502-V	243.30

Gaskets for Safe-T-Loc™ (only) Hayward Bulkhead	Part # EPDM	Price ea.	Part # EPDM	Price ea.	Part # EPDM	Price ea.	Part # Viton	Price ea.	Part # Viton	Price ea.	Part # Viton	Price ea.
	3456-005	1.90	3456-012	2.50	3456-030	6.10	3457-005	5.00	3457-012	9.30	3457-030	57.80
	3456-007	1.90	3456-015	2.50	3456-040	21.85	3457-007	5.70	3457-015	9.30	3457-040	90.35
	3456-010	2.50	3456-020	4.85	3456-060	25.71	3457-010	6.60	3457-020	22.60	3457-060	109.13

Hayward Self Aligning Bulkhead Fittings



These fittings allow tank piping connections to be made in a straight line without fabricating special fittings to correct for the curvature of the tank. Using a precision machined ball sealed inside a bulkhead fitting housing, the fitting permits connections with an offset angle of up to 27°. Installation is quick. No special tools or fittings are required. A Teflon seal and PVC lock ring provide easy rotation of the ball, with safe, positive sealing. Fittings provide safer, stronger piping connections and work equally well on plastic, metal or plastic lined tanks. **Rated at 75 psi @ 70°F non shock.** Standard gasket of EPDM, also available Viton and Teflon.

Size Inch	End Connection	PVC	
		Part #	Price
1	Thd. x Thd.	3504	\$ 85.55
2	Thd. x Thd.	3505	129.90
3	Thd. x Thd.	3506	201.05



Teflon (Virgin TFE) and PVDF Bulkhead Fitting

Note: Hole through tank wall should be equal to or up to 1/32" larger than the nominal body OD.

Size Inch	Nominal Body OD	Hole Size	TEFLON		PVDF	
			Part #	Price	Part #	Price
1/8	1 1/8	1 5/32	7123	\$ 79.04	-	-
1/4	1 3/16	1 7/32	7124	90.41	-	-
3/8	1 9/32	1 5/16	7125	112.29	7135	129.72
1/2	1 1/2	1 17/32	7126	130.17	7136	151.41
3/4	1 3/16	1 27/32	7127	150.34	7137	175.23
1	2 1/6	2 3/32	7128	190.73	7138	237.95
1 1/4	2 3/8	2 13/32	7129	217.74	7139	263.12
1 1/2	2 5/8	2 21/32	7130	248.87	7140	293.13
2	3 1/8	3 5/32	7131	271.82	7141	376.96
2 1/2	3 5/8	3 21/32	7132	340.86	-	-
3	4 1/2	4 17/32	7133	430.00	-	-
4	5 1/2	5 17/32	7134	618.16	-	-

Hole Saws For Hayward Bulkhead Fittings & Accessories

Bulkhead Size	Hole Size	Hole Saw Part #	Price
1/4"	1 1/8"	9960	7.75
3/8"	1 1/8"	9961	7.75
1/2"	1 3/8"	9962	8.25
3/4"	1 5/8"	9963	8.25
1"	1 7/8"	9964	11.00
1 1/4"	2 3/8"	9965	11.60
1 1/2"	2 3/8"	9966	11.60
2"	3 1/4"	9967	16.90
3"	4 1/2"	9968	29.30
4" *	5 3/4"	-	-
6" *	8 1/4"	-	-

Arbors				
Part #	Use with Hole saw Size	Min. Drill Size	Thd. Size	Price \$
9969	5/8 - 1 3/16	1/4"	1/2-20	9.80
9970	1 1/4" up	1/2"	5/8"-18	14.30
9971	1 3/4 - up	1/2"	5/8"-18	25.00

Pilot Drills		
Part #	Size	Price
9972	1/4"	4.15

* Use Jig Saw to cut hole.



Banjo Bulkhead Fittings/Tank Accessories



Banjo Blk PP Bulkhead Fittings

- Double sided threads.
- Standard with EPDM gasket.
- FKM (Viton type) available.



316 SS Bulkhead Fittings

- Double sided threads.
- Standard with EPDM gasket.
- FKM (Viton type) available.

Banjo PP (Black)					Fits Hole Size
Size Inch	Part # EPDM	Price TXT	Part # FKM	Price TXT	
1/2	TF050	5.61	TF050V	10.99	1 5/8"
3/4	TF075	5.61	TF075V	10.99	1 5/8"
1	TF100	6.68	TF100V	14.67	2 1/4"
1 1/4	TF125	7.77	TF125V	14.67	2 1/4"
1 1/2	TF150	11.96	TF150V	18.04	3"
2	TF200	11.96	TF200V	20.40	3"
2	TF220	15.30	TF220V	36.95	3 1/4"
3	TF300	25.65	TF300V	49.62	4 1/2"

Part #	Description	Hole Size	Price
2330	3/4" SS 316	1 5/8"	\$ 104.76
2331	1" SS 316	2 1/4"	127.50
2332	1 1/4" SS 316	2 1/4"	127.50
2333	1 1/2" SS 316	3"	160.17
2334	2" SS 316	3"	160.17
2335	2" SS 316	3 1/4"	169.07
2336	3" SS 316	4 3/8"	259.04

PP Bolted Tank Flanges



Part #	Description	Price
BF075	3/4" x 1" Thr. Flange EPDM	25.89
BF075V	3/4" x 1" Thr. Flange FKM	50.99
BF100	1" x 1" Thr. Flange EPDM	25.89
BF100V	1" x 1" Thr. Flange FKM	35.07
BF125	1 1/4" x 1" Thr. Flange EPDM	25.89
BF150	1 1/2" x 2" Thr. Flange EPDM	21.23
BF150V	1 1/2" x 2" Thr. Flange FKM	70.60
BF200	2" x 2" SP Thr. Flange EPDM	21.23
BF200V	2" x 2" SP Thr. Flange FKM	70.60
BF220	2" x 2" FP Thr. Flange EPDM	27.78
BF220V	2" x 2" FP Thr. Flange FKM	70.60
BF300	3" x 3" Thr. Flange EPDM	37.89
BF300V	3" x 3" Thr. Flange FKM	106.69

Features:

- SS Bolts
- FKM (Viton type) Gasket available
- Glass Reinforced PP
- EPDM Gasket Standard
- Bolt Head Plugs Sealed Ultrasonically

PP Bolted "Bottom Drain" Tank Flanges



Part #	Description	Price
BF075BD	3/4" x 1" Thr. Flange EPDM	25.89
BF075BDV	3/4" x 1" Thr. Flange FKM	39.23
BF100BD	1" x 1" Thr. Flange EPDM	25.89
BF100BDV	1" x 1" Thr. Flange FKM	39.23
BF125BD	1 1/4" x 1" Thr. Flange EPDM	25.89
BF125BDV	1 1/4" X 1" Thr. Flange FKM	39.23
BF150BD	1 1/2" x 2" Thr. Flange EPDM	24.63
BF150BDV	1 1/2" x 2" Thr. Flange FKM	74.53
BF200BD	2" x 2" SP Thr. Flange EPDM	24.63
BF200BDV	2" x 2" SP Thr. Flange FKM	70.60
BF220BD	2" x 2" FP Thr. Flange EPDM	27.78
BF220BDV	2" x 2" FP Thr. Flange FKM	74.53
BF300BD	3" x 3" Thr. Flange EPDM	45.90
BF300BDV	3" x 3" Thr. Flange FKM	113.76

Features:

- SS Bolts
- FKM (Viton type) Gasket available
- Glass Reinforced PP
- EPDM Gasket Standard
- Bolt Head Plugs Sealed Ultrasonically.
- Longer Bolts Available.

For other accessories not listed here, see pages 54 and 55.

Polypropylene Siphon Tubes



Part #	Description	Price
2337	2" Polypropylene Siphon Tube	\$ 12.15
2338	3" Polypropylene Siphon Tube	17.97

Anti Vortex PP Vent Cap

- 2" Male NPT.
- Glass reinforced polypropylene
- 304 stainless steel screen (optional)



Part #	Description	Price
2339	2" Vent Cap w/12 mesh 304SS Screen	\$ 10.90
2340	2" Vent Cap without Screen	9.57
VC300	3" Vent Cap without Screen	15.10
VC330	3" Vent Cap w/10 mesh 304SS Screen	18.43

Anti Vortex Tank Flange

- Standard w/FKM (viton type)
- Prevents swirl in bottom of tank.



Part #	Description	Price
TF100AV	1" Tank Flange (2 1/4" Hole size)	\$ 13.32
TF125AV	1 1/4" Tank Flange (2 1/2" Hole size)	13.32
TF150AV	1 1/2" Tank Flange (3" Hole size)	16.67
TF200AV	2" Tank Flange (3" Hole size)	16.67

Assmann Small Double Wall Day Tanks

This polyethylene system consists of a primary inner tank and secondary containment, with a capacity of 120% of the inner tank, exceeding EPA standards and complies with 40 CFR-264.193.



Features:

- Inner tank dome overlaps outer tank sidewall to prevent rainwater, snow, and debris from entering secondary containment, making system ideal for outdoor storage of chemicals.
- Molded 7" threaded top access opening is standard. This access opening is chemically resistant and fume tight. Larger access openings available.
- Small footprints of 34-1/2" & under will fit through standard 36" doorway to allow convenient system location within tight manufacturing areas.
- Molded in pump shelf is ideal for installing chemical pumps and metering equipment. This pump shelf is recessed in the top of the tank to contain small chemical spills.
- Recessed lower fitting flat will allow fittings to penetrate through the secondary containment wall and into the primary tanks sump. This feature allows full flooded suction for outlet assemblies.
- Interstitial leak detection systems option available.



Inner tank dome overlaps outer tank to prevent contamination.



Molded in sump in the primary tank is located directly below the pump shelf. Suction lines can be lowered onto the sump area, which will allow for maximum drainage of chemical with top discharge assemblies.

Part #	Gal. Capacity	Specific Gravity	Weight/lbs.	Diameter	Height	Price
IMT20-L	20	1.9	34	26-1/8"	22"	170.00
IMT20-XL	20	1.9	34	26-1/8"	22"	170.00
IMT40-L	40	1.9	52	26-1/8"	34"	316.00
IMT40-XL	40	1.9	52	26-1/8"	34"	316.00
IMT65-L	65	1.9	71	26-1/8"	48"	473.00
IMT65-XL	65	1.9	71	26-1/8"	48"	473.00
IMT85-L	85	1.9	90	34-1/2"	38-1/2"	516.00
IMT85-XL	85	1.9	90	34-1/2"	38-1/2"	516.00
IMT120-L	120	1.9	112	34-1/2"	51"	667.00
IMT120-XL	120	1.9	112	34-1/2"	51"	667.00
IMT165-L	165	1.9	138	34-1/2"	66"	734.00
IMT165-XL	165	1.9	138	34-1/2"	66"	734.00
IMT150-L-1.9	150	1.9	130	47"	44"	634.00
IMT150-XL-1.9	150	1.9	130	47"	44"	715.00
IMT150-L-2.2	150	2.2	164	47"	44"	732.00
IMT150-XL-2.2	150	2.2	164	47"	44"	826.00
IMT250-L-1.9	250	1.9	190	47"	61"	803.00
IMT250-XL-1.9	250	1.9	190	47"	61"	906.00
IMT250-L-2.2	250	2.2	220	47"	61"	928.00
IMT250-XL-2.2	250	2.2	220	47"	61"	1048.00

* L = Linear , XL = Crosslink
 Above tanks are natural white. Tanks can be special ordered in Blue, Green, Yellow, or Black.
 Larger capacity tanks are located on the next page.

Assmann Large Secondary Containment Double Wall Tanks

This polyethylene storage tank system consists of a primary inner tank and a secondary, locked-on outer tank with a capacity of 120% of the inner tank, exceeding EPA standards.



Features:

- Inner tank dome overlaps outer tank sidewall to prevent rainwater, snow, and debris from entering secondary containment, making system ideal for outdoor storage of chemicals.
- Our Double Wall Storage Tanks provides individualized secondary containment that, when placed with other tanks in large containment areas, prevents cross-contamination, and eliminates possible dangers of commingling of reactive chemicals.
- Small footprint saves space, while portability assures convenient system relocation.
- Standard lifting lugs and specially designed indentations in the lower sidewall minimize inner tank movement during transport and installation.
- Wide range of fittings and accessories to meet your specifications for all of our polytanks.
- Available with heat tracing and insulation for use with temperature sensitive chemicals.

Part #	Gal. Capacity	Specific Gravity	Weight/lbs.	Diameter	Height	Price
IMT550-L-1.9	550	1.9	260	60"	73"	1251.00
IMT550-XL-1.9	550	1.9	260	60"	73"	1412.00
IMT550-L-2.2	550	2.2	310	60"	73"	1342.00
IMT550-XL-2.2	550	2.2	310	60"	73"	1631.00
IMT1050-L-1.5	1050	1.5	376	72"	87"	1676.00
IMT1050-XL-1.5	1050	1.5	361	72"	87"	1738.00
IMT1050-L-1.9	1050	1.9	449	72"	87"	2084.00
IMT1050-XL-1.9	1050	1.9	426	72"	87"	2199.00
IMT1050-L-2.2	1050	2.2	516	72"	87"	2232.00
IMT1050-XL-2.2	1050	2.2	482	72"	87"	2535.00
IMT1550-L-1.5	1550	1.5	634	72"	123"	2731.00
IMT1550-XL-1.5	1550	1.5	320	72"	123"	2827.00
IMT1550-L-1.9	1550	1.9	800	72"	123"	3438.00
IMT1550-XL-1.9	1550	1.9	739	72"	123"	3580.00
IMT1550-L-2.2	1550	2.2	926	72"	123"	4046.00
IMT1550-XL-2.2	1550	2.2	856	72"	123"	4542.00
IMT2550-L-1.5	2550	1.5	1142	96"	119"	4977.00
IMT2550-XL-1.5	2550	1.5	1057	96"	119"	5188.00
IMT2550-L-1.9	2550	1.9	1455	96"	119"	6358.00
IMT2550-XL-1.9	2550	1.9	1327	96"	119"	7428.00
IMT2550-L-2.2	2550	2.2	1685	96"	119"	8316.00
IMT2550-XL-2.2	2550	2.2	1537	96"	119"	9222.00
IMT3050-L-1.5	3050	1.5	1511	96"	138"	6495.00
IMT3050-XL-1.5	3050	1.5	1375	96"	138"	6669.00
IMT3050-L-1.9	3050	1.9	1901	96"	138"	8122.00
IMT3050-XL-1.9	3050	1.9	1750	96"	138"	8505.00
IMT3050-L-2.2	3050	2.2	2201	96"	138"	10623.00
IMT3050-XL-2.2	3050	2.2	2026	96"	138"	11982.00

* L = Linear , XL = Crosslink

Above tanks are natural white. Tanks can be special ordered in Blue, Green, Yellow, or Black.
4050 through 6550 gallon capacity tanks are located on the next page.

Assmann Large Secondary Containment Double Wall Tanks

continued from previous page

This polyethylene storage tank system consists of a primary inner tank and a secondary, locked-on outer tank with a capacity of 120% of the inner tank, exceeding EPA standards.



Features:

- Inner tank dome overlaps outer tank sidewall to prevent rainwater, snow, and debris from entering secondary containment, making system ideal for outdoor storage of chemicals.
- Our Double Wall Storage Tanks provides individualized secondary containment that, when placed with other tanks in large containment areas, prevents cross-contamination, and eliminates possible dangers of commingling of reactive chemicals.
- Small footprint saves space, while portability assures convenient system relocation.
- Standard lifting lugs and specially designed indentations in the lower sidewall minimize inner tank movement during transport and installation.
- Wide range of fittings and accessories to meet your specifications for all of our polytanks.
- Available with heat tracing and insulation for use with temperature sensitive chemicals.

Part #	Gal. Capacity	Specific Gravity	Weight/lbs.	Diameter	Height	Price
IMT4050-L-1.5	4050	1.5	2430	96"	177"	10301.00
IMT4050-XL-1.5	4050	1.5	2336	96"	177"	10727.00
IMT4050-L-1.9	4050	1.9	3099	96"	177"	13147.00
IMT4050-XL-1.9	4050	1.9	2968	96"	177"	13604.00
IMT4050-L-2.2	4050	2.2	3598	96"	177"	15123.00
IMT4050-XL-2.2	4050	2.2	3428	96"	177"	16767.00
IMT5250-L-1.5	5250	1.5	2826	119"	154"	11774.00
IMT5250-XL-1.5	5250	1.5	2602	119"	154"	12239.00
IMT5250-L-1.9	5250	1.9	3619	119"	154"	15054.00
IMT5250-XL-1.9	5250	1.9	3311	119"	154"	15613.00
IMT5250-L-2.2	5250	2.2	4193	119"	154"	17413.00
IMT5250-XL-2.2	5250	2.2	3829	119"	154"	19240.00
IMT6550-L-1.5	6550	1.5	4209	119"	186"	14837.00
IMT6550-XL-1.5	6550	1.5	4028	119"	186"	15842.00
IMT6550-L-1.9	6550	1.9	5347	119"	186"	18799.00
IMT6550-XL-1.9	6550	1.9	5139	119"	186"	20166.00
IMT6550-L-2.2	6550	2.2	6174	119"	186"	25031.00
IMT6550-XL-2.2	6550	2.2	5934	119"	186"	27945.00

* L = Linear , XL = Crosslink

Above tanks are natural white. Tanks can be special ordered in Blue, Green, Yellow, or Black.

Availability and individual specifications subject to change without notice. All specifications are approximate. All wall thicknesses conform to ASTM D-1998 standards.

Assmann Rectangular Secondary Containment Basins



Features:

Secondary containment basins (IRD) are molded in virgin high density crosslink or FDA-compliant linear polyethylene. They have a tapered design for nesting during shipping. These meet or exceed EPA requirements for containment of dangerous chemicals. Check with local regulatory agencies for compliance in your area. When determining size of secondary containment basins, always refer to factory drawings to confirm primary polyethylene storage tank size compatibility.

Part #	Gal. Capacity	Specific Gravity	Weight/lbs.	LengthxWidthxHeight	Max. Tank Dia.	Price
IRD40-L	52	1.9	25	32" x 26" x 20"	20"	192.00
IRD40-XL	52	1.9	25	32" x 26" x 20"	20"	210.00
IRD80-L	95	1.9	40	47" x 32" x 20"	24"	260.00
IRD80-XL	95	1.9	40	47" x 32" x 20"	24"	336.00
IRD140-L	155	1.9	65	52" x 38" x 24"	29"	357.00
IRD140-XL	155	1.9	65	52" x 38" x 24"	29"	546.00
IRD200-L	200	1.9	70	57-1/2"x45"x24"	38"	466.00
IRD200-XL	200	1.9	70	57-1/2"x45"x24"	38"	588.00
IRD240-L	240	1.9	80	60" x 43" x 28"	35"	489.00
IRD240-XL	240	1.9	80	60" x 43" x 28"	35"	672.00
IRD275-L	275	1.9	85	64-1/2"x52"x24"	45"	528.00
IRD275-XL	275	1.9	85	64-1/2"x52"x24"	45"	714.00
IRD330-L	330	1.9	90	72" x 43" x 31"	35"	548.00
IRD330-XL	330	1.9	90	72" x 43" x 31"	35"	757.00
IRD375-L	375	1.9	100	66" x 66" x 24"	58"	582.00
IRD375-XL	375	1.9	100	66" x 66" x 24"	58"	842.00
IRD495-L	495	1.9	125	69" x 69" x 29"	61"	654.00
IRD495-XL	495	1.9	125	69" x 69" x 29"	61"	1052.00
IRD660-L	660	1.9	220	83" x 64" x 40"	48"	813.00
IRD660-XL	660	1.9	220	83" x 64" x 40"	48"	1285.00
IRD950-L	950	1.9	320	83" x 83" x 46"	68"	1354.00
IRD950-XL	950	1.9	320	83" x 83" x 46"	68"	1869.00
IRD1650-L	1650	1.9	400	99" x 99" x 53"	84"	1643.00
IRD1650-XL	1650	1.9	400	99" x 99" x 53"	84"	2337.00
IRD1750-L	1750	1.9	400	218"x108"x21"	2x90"	1664.00
IRD1750-XL	1750	1.9	400	218"x108"x21"	2x90"	2393.00
IRD3500-L	3500	1.9	700	218"x108"x40"	2x90"	2875.00
IRD3500-XL	3500	1.9	700	218"x108"x40"	2x90"	4089.00

Availability and individual specifications subject to change without notice. All specifications are approximate. All wall thicknesses conform to ASTM D-1998 standards.

Assmann Cylindrical Secondary Containment Basins



Features:

These cylindrical containment tanks (IRD) are available in either virgin high density crosslink or medium density FDA-compliant linear polyethylene. A 2" x 2" x 3/16" angle iron top support ring is optional and can be ordered separately. Epoxy painted mild steel or 316 stainless steel rings are available. Basins meet or exceed EPA standards. Local regulations should be checked to assure compliance.

Part #	Gal. Capacity	Specific Gravity	Tank Diameter	Cut Height	Contains Tank Max. Dia.	Price
IRD550-L-1.9	up to 690	1.9	60"	0 to 58"	48"	609.00
IRD550-XL-1.9	up to 690	1.9	60"	0 to 58"	48"	687.00
IRD550-L-2.2	up to 690	2.2	60"	0 to 58"	48"	654.00
IRD550-XL-2.2	up to 690	2.2	60"	0 to 58"	48"	795.00
IRD1050-L-1.5	up to 1200	1.5	72"	58" to 72"	64"	894.00
IRD1050-XL-1.5	up to 1200	1.5	72"	58" to 72"	64"	929.00
IRD1050-L-1.9	up to 1200	1.9	72"	58" to 72"	64"	1142.00
IRD1050-XL-1.9	up to 1200	1.9	72"	58" to 72"	64"	1167.00
IRD1050-L-2.2	up to 1200	2.2	72"	58" to 72"	64"	1224.00
IRD1050-XL-2.2	up to 1200	2.2	72"	58" to 72"	64"	1347.00
IRD1550-L-1.5	1200 to 1800	1.5	72"	72" to 108"	64"	1486.00
IRD1550-XL-1.5	1200 to 1800	1.5	72"	72" to 108"	64"	1543.00
IRD1550-L-1.9	1200 to 1800	1.9	72"	72" to 108"	64"	1876.00
IRD1550-XL-1.9	1200 to 1800	1.9	72"	72" to 108"	64"	1937.00
IRD1550-L-2.2	1200 to 1800	2.2	72"	72" to 108"	64"	2208.00
IRD1550-XL-2.2	1200 to 1800	2.2	72"	72" to 108"	64"	2458.00
IRD2300-L-1.5	1800 to 2300	1.5	72"	108" to 135"	64"	2113.00
IRD2300-XL-1.5	1800 to 2300	1.5	72"	108" to 135"	64"	2299.00
IRD2300-L-1.9	1800 to 2300	1.9	72"	108" to 135"	64"	2677.00
IRD2300-XL-1.9	1800 to 2300	1.9	72"	108" to 135"	64"	2913.00
IRD2300-L-2.2	1800 to 2300	2.2	72"	108" to 135"	64"	3098.00
IRD2300-XL-2.2	1800 to 2300	2.2	72"	108" to 135"	64"	3373.00
IRD1100-L-1.5	up to 982	1.5	86"	0 to 40"	82"	864.00
IRD1100-XL-1.5	up to 982	1.5	86"	0 to 40"	82"	959.00
IRD1100-L-1.9	up to 982	1.9	86"	0 to 40"	82"	952.00
IRD1100-XL-1.9	up to 982	1.9	86"	0 to 40"	82"	1057.00
IRD1100-L-2.2	up to 982	2.2	86"	0 to 40"	82"	1049.00
IRD1100-XL-2.2	up to 982	2.2	86"	0 to 40"	82"	1244.00
IRD150A-L-1.5	982 to 1301	1.5	86"	40" to 53"	82"	1089.00
IRD150A-XL-1.5	982 to 1301	1.5	86"	40" to 53"	82"	1210.00
IRD150A-L-1.9	982 to 1301	1.9	86"	40" to 53"	82"	1350.00
IRD150A-XL-1.9	982 to 1301	1.9	86"	40" to 53"	82"	1370.00
IRD150A-L-2.2	982 to 1301	2.2	86"	40" to 53"	82"	1652.00
IRD150A-XL-2.2	982 to 1301	2.2	86"	40" to 53"	82"	1714.00
IRD2000-L-1.5	1301 to 1891	1.5	86"	53" to 77"	82"	1359.00
IRD2000-XL-1.5	1301 to 1891	1.5	86"	53" to 77"	82"	1508.00
IRD2000-L-1.9	1301 to 1891	1.9	86"	53" to 77"	82"	1777.00
IRD2000-XL-1.9	1301 to 1891	1.9	86"	53" to 77"	82"	1974.00
IRD2000-L-2.2	1301 to 1891	2.2	86"	53" to 77"	82"	2346.00
IRD2000-XL-2.2	1301 to 1891	2.2	86"	53" to 77"	82"	2595.00
IRD2500-L-1.5	1891 to 2406	1.5	86"	77" to 98"	82"	1868.00
IRD2500-XL-1.5	1891 to 2407	1.5	86"	77" to 98"	82"	2076.00
IRD2500-L-1.9	1891 to 2406	1.9	86"	77" to 98"	82"	2282.00
IRD2500-XL-1.9	1891 to 2406	1.9	86"	77" to 98"	82"	2533.00
IRD2500-L-2.2	1891 to 2406	2.2	86"	77" to 98"	82"	2852.00
IRD2500-XL-2.2	1891 to 2406	2.2	86"	77" to 98"	82"	3072.00

* L = Linear , XL = Crosslink

Larger capacity tanks are located on the next page.

Availability and individual specifications subject to change without notice. All specifications are approximate. All wall thicknesses conform to ASTM D-1998 standards.

Assmann Cylindrical Secondary Containment Basins

continued from previous page



Features:

These cylindrical containment tanks (IRD) are available in either virgin high density crosslink or medium density FDA-compliant linear polyethylene. A 2" x 2" x 3/16" angle iron top support ring is optional and can be ordered separately. Epoxy painted mild steel or 316 stainless steel rings are available. Basins meet or exceed EPA standards. Local regulations should be checked to assure compliance.

Part #	Gal. Capacity	Specific Gravity	Tank Diameter	Cut Height	Contains Tank Max. Dia.	Price
IRD3000-L-1.5	up to 2881	1.5	90"	0 to 107"	86"	2267.00
IRD3000-XL-1.5	up to 2881	1.5	90"	0 to 107"	86"	2519.00
IRD3000-L-1.9	up to 2881	1.9	90"	0 to 107"	86"	2848.00
IRD3000-XL-1.9	up to 2881	1.9	90"	0 to 107"	86"	3165.00
IRD3000-L-2.2	up to 2881	2.2	90"	0 to 107"	86"	3652.00
IRD3000-XL-2.2	up to 2881	2.2	90"	0 to 107"	86"	3945.00
IRD4000-L-1.5	2881 to 3877	1.5	90"	107" to 144"	86"	3340.00
IRD4000-XL-1.5	2881 to 3877	1.5	90"	107" to 144"	86"	3713.00
IRD4000-L-1.9	2881 to 3877	1.9	90"	107" to 144"	86"	4457.00
IRD4000-XL-1.9	2881 to 3877	1.9	90"	107" to 144"	86"	4952.00
IRD4000-L-2.2	2881 to 3877	2.2	90"	107" to 144"	86"	5585.00
IRD4000-XL-2.2	2881 to 3877	2.2	90"	107" to 144"	86"	6303.00
IRD1850-L-1.5	up to 1760	1.5	96"	0 to 58"	92"	1359.00
IRD1850-XL-1.5	up to 1760	1.5	96"	0 to 58"	92"	1508.00
IRD1850-L-1.9	up to 1760	1.9	96"	0 to 58"	92"	1777.00
IRD1850-XL-1.9	up to 1760	1.9	96"	0 to 58"	92"	1974.00
IRD1850-L-2.2	up to 1760	2.2	96"	0 to 58"	92"	2346.00
IRD1850-XL-2.2	up to 1760	2.2	96"	0 to 58"	92"	2595.00
IRD2400-L-1.5	1760 to 2277	1.5	96"	58" to 75"	92"	1868.00
IRD2400-XL-1.5	1760 to 2277	1.5	96"	58" to 75"	92"	2076.00
IRD2400-L-1.9	1760 to 2277	1.9	96"	58" to 75"	92"	2282.00
IRD2400-XL-1.9	1760 to 2277	1.9	96"	58" to 75"	92"	2533.00
IRD2400-L-2.2	1760 to 2277	2.2	96"	58" to 75"	92"	2852.00
IRD2400-XL-2.2	1760 to 2277	2.2	96"	58" to 75"	92"	3072.00
IRD2900-L-1.5	2277 to 2762	1.5	96"	75" to 91"	92"	2267.00
IRD2900-XL-1.5	2277 to 2762	1.5	96"	75" to 91"	92"	2519.00
IRD2900-L-1.9	2277 to 2762	1.9	96"	75" to 91"	92"	2848.00
IRD2900-XL-1.9	2277 to 2762	1.9	96"	75" to 91"	92"	3165.00
IRD2900-L-2.2	2277 to 2762	2.2	96"	75" to 91"	92"	3652.00
IRD2900-XL-2.2	2277 to 2762	2.2	96"	75" to 91"	92"	3945.00
IRD4100-L-1.5	up to 3946	1.5	119"	0 to 84"	115"	3340.00
IRD4100-XL-1.5	up to 3946	1.5	119"	0 to 84"	115"	3713.00
IRD4100-L-1.9	up to 3946	1.9	119"	0 to 84"	115"	4457.00
IRD4100-XL-1.9	up to 3946	1.9	119"	0 to 84"	115"	4952.00
IRD4100-L-2.2	up to 3946	2.2	119"	0 to 84"	115"	5585.00
IRD4100-XL-2.2	up to 3946	2.2	119"	0 to 84"	115"	6303.00
IRD4200-L-1.5	2762 to 4200	1.5	96"	91" to 140"	92"	3340.00
IRD4200-XL-1.5	2762 to 4200	1.5	96"	91" to 140"	92"	3713.00
IRD4200-L-1.9	2762 to 4200	1.9	96"	91" to 140"	92"	4457.00
IRD4200-XL-1.9	2762 to 4200	1.9	96"	91" to 140"	92"	4952.00
IRD4200-L-2.2	2762 to 4200	2.2	96"	91" to 140"	92"	5585.00
IRD4200-XL-2.2	2762 to 4200	2.2	96"	91" to 140"	92"	6303.00
IRD5600-L-1.5	4200 to 5300	1.5	96"	140" to 177"	92"	5438.00
IRD5600-XL-1.5	4200 to 5300	1.5	96"	140" to 177"	92"	5605.00
IRD5600-L-1.9	4200 to 5300	1.9	96"	140" to 177"	92"	6423.00
IRD5600-XL-1.9	4200 to 5300	1.9	96"	140" to 177"	92"	6620.00
IRD5600-L-2.2	4200 to 5300	2.2	96"	140" to 177"	92"	10320.00
IRD5600-XL-2.2	4200 to 5300	2.2	96"	140" to 177"	92"	11760.00

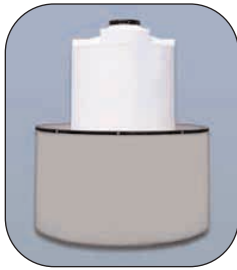
* L = Linear , XL = Crosslink

5200 Gallon and up large capacity tanks are located on the next page.

Availability and individual specifications subject to change without notice. All specifications are approximate. All wall thicknesses conform to ASTM D-1998 standards.

Assmann Cylindrical Secondary Containment Basins

continued from previous page



Features:

These cylindrical containment tanks (IRD) are available in either virgin high density crosslink or medium density FDA-compliant linear polyethylene. A 2" x 2" x 3/16" angle iron top support ring is optional and can be ordered separately. Epoxy painted mild steel or 316 stainless steel rings are available. Basins meet or exceed EPA standards. Local regulations should be checked to assure compliance.

Part #	Gal. Capacity	Specific Gravity	Tank Diameter	Cut Height	Contains Tank Max. Dia.	Price
IRD5200-L-1.5	up to 4800	1.5	105"	0 to 133"	101"	4908.00
IRD5200-XL-1.5	up to 4800	1.5	105"	0 to 133"	101"	4993.00
IRD5200-L-1.9	up to 4800	1.9	105"	0 to 133"	101"	5695.00
IRD5200-XL-1.9	up to 4800	1.9	105"	0 to 133"	101"	5870.00
IRD5200-L-2.2	up to 4800	2.2	105"	0 to 133"	101"	7090.00
IRD5200-XL-2.2	up to 4800	2.2	105"	0 to 133"	101"	8089.00
IRD6500-L-1.5	4800 to 6200	1.5	105"	133" to 172"	101"	6742.00
IRD6500-XL-1.5	4800 to 6200	1.5	105"	133" to 172"	101"	6949.00
IRD6500-L-1.9	4800 to 6200	1.9	105"	133" to 172"	101"	7992.00
IRD6500-XL-1.9	4800 to 6200	1.9	105"	133" to 172"	101"	8238.00
IRD6500-L-2.2	4800 to 6200	2.2	105"	133" to 172"	101"	11808.00
IRD6500-XL-2.2	4800 to 6200	2.2	105"	133" to 172"	101"	13458.00
IRD5500-L-1.5	up to 5400	1.5	119"	0 to 116"	115"	5305.00
IRD5500-XL-1.5	up to 5400	1.5	119"	0 to 116"	115"	5469.00
IRD5500-L-1.9	up to 5400	1.9	119"	0 to 116"	115"	6183.00
IRD5500-XL-1.9	up to 5400	1.9	119"	0 to 116"	115"	6374.00
IRD5500-L-2.2	up to 5400	2.2	119"	0 to 116"	115"	8732.00
IRD5500-XL-2.2	up to 5400	2.2	119"	0 to 116"	115"	9950.00
IRD6510-L-1.5	5400 to 6100	1.5	119"	116" to 131"	115"	6435.00
IRD6510-XL-1.5	5400 to 6100	1.5	119"	116" to 131"	115"	6634.00
IRD6510-L-1.9	5400 to 6100	1.9	119"	116" to 131"	115"	6942.00
IRD6510-XL-1.9	5400 to 6100	1.9	119"	116" to 131"	115"	7155.00
IRD6510-L-2.2	5400 to 6100	2.2	119"	116" to 131"	115"	11623.00
IRD6510-XL-2.2	5400 to 6100	2.2	119"	116" to 131"	115"	13063.00
IRD8400-L-1.5	6100 to 8400	1.5	119"	131" to 163"	115"	10467.00
IRD8400-XL-1.5	6100 to 8400	1.5	119"	131" to 163"	115"	11242.00
IRD8400-L-1.9	6100 to 8400	1.9	119"	131" to 163"	115"	11909.00
IRD8400-XL-1.9	6100 to 8400	1.9	119"	131" to 163"	115"	12838.00
IRD8400-L-2.2	6100 to 8400	2.2	119"	131" to 163"	115"	15065.00
IRD8400-XL-2.2	6100 to 8400	2.2	119"	131" to 163"	115"	17108.00
IRD8000-L-1.5	up to 7800	1.5	143"	0 to 116"	139"	8700.00
IRD8000-XL-1.5	up to 7800	1.5	143"	0 to 116"	139"	9465.00
IRD8000-L-1.9	up to 7800	1.9	143"	0 to 116"	139"	9587.00
IRD8000-XL-1.9	up to 7800	1.9	143"	0 to 116"	139"	10382.00
IRD8000-L-2.2	up to 7800	2.2	143"	0 to 116"	139"	12900.00
IRD8000-XL-2.2	up to 7800	2.2	143"	0 to 116"	139"	14699.00
IRD10000-L-1.5	7800 to 9900	1.5	143"	116" to 147"	139"	10715.00
IRD10000-XL-1.5	7800 to 9900	1.5	143"	116" to 147"	139"	11583.00
IRD10000-L-1.9	7800 to 9900	1.9	143"	116" to 147"	139"	12192.00
IRD10000-XL-1.9	7800 to 9900	1.9	143"	116" to 147"	139"	13125.00
IRD10000-L-2.2	7800 to 9900	2.2	143"	116" to 147"	139"	18933.00
IRD10000-XL-2.2	7800 to 9900	2.2	143"	116" to 147"	139"	21574.00
IRD12000-L-1.5	9900 to 11000	1.5	143"	147" to 163"	139"	13720.00
IRD12000-XL-1.5	9900 to 11000	1.5	143"	147" to 163"	139"	14669.00
IRD12000-L-1.9	9900 to 11000	1.9	143"	147" to 163"	139"	15660.00
IRD12000-XL-1.9	9900 to 11000	1.9	143"	147" to 163"	139"	16988.00
IRD12000-L-2.2	9900 to 11000	2.2	143"	147" to 163"	139"	21195.00
IRD12000-XL-2.2	9900 to 11000	2.2	143"	147" to 163"	139"	24153.00

* L = Linear , XL = Crosslink

Availability and individual specifications subject to change without notice. All specifications are approximate. All wall thicknesses conform to ASTM D-1998 standards.



Covers not included in tank price. Covers are PE and must be ordered separately.

* Height is from bottom of tank to under flange of lip.

Chemtainer Open Top Flat Bottom Cylindrical Tanks

- Heavy walled tanks • Ideal for acid and caustics • 5 to 2000 gallons.

Polyethylene

- Excellent chemical & impact resistance
- Operating temp. of 140°F • Open top
- Self-supporting • FDA approved

Polypropylene

- Operating temp. of 212°F • Self-supporting
- High chem. & stress cracking resistance
- Not recom. cold temp. or high impact

Options / Accessories

- Hinge covers • Stands (steel & SS)
- Agitator • Custom Outlets • Gaskets
- Bulkhead Fittings • Siphon Tube
- U Vents • Flange Adapter
- Sight Gauge • Ladder Assembly
- Secondary Containment
- Internal down pipe

Stands sold separately or with agitator mount. Pictured with agitator mount



Part #	Gallon Capacity	Dimensions Dia. x H.*	Price Ea.	Part #	Gallon Capacity	Dimensions Dia. x Height*	Price Ea.
3302-PE	5	11 x 14	27.00	3313-PE	28	22 x 18	114.00
3302-C	5	11 x 14	7.00	3313-C	28	22 x 18	21.00
3302-A	5	11 x 14	118.00	3313-A	28	22 x 18	237.00
3302-S	5	11 x 14	96.00	3313-S	28	22 x 18	202.00
3303-PE	7	10 x 21	57.00	3314-PE	30	18 x 29	91.00
3303-PP	7	10 x 21	85.00	3314-PP	30	18 x 29	172.00
3303-C	7	10 x 21	7.00	3314-C	30	18 x 29	17.00
3303-A	7	10 x 21	118.00	3314-A	30	18 x 29	215.00
3303-S	7	10 x 21	96.00	3314-S	30	18 x 29	186.00
3304-PE	7 1/2	12 x 18	34.00	3315-PE	36	15 x 48	212.00
3304-C	7 1/2	12 x 18	7.00	3315-C	36	15 x 48	7.00
3304-A	7 1/2	12 x 18	118.00	3315-A	36	15 x 48	210.00
3304-S	7 1/2	12 x 18	96.00	3315-S	36	15 x 48	170.00
3305-PE	8	13 x 16	65.00	3316-PE	40	18 x 40	255.00
3305-C	8	13 x 16	7.00	3316-PP	40	18 x 40	369.00
3305-A	8	13 x 16	191.00	3316-C	40	18 x 40	17.00
3305-S	8	13 x 16	170.00	3316-A	40	18 x 40	237.00
3306-PE	10	13 x 21	45.00	3316-S	40	18 x 40	186.00
3306-PP	10	13 x 21	103.00	3317-PE	55	22 x 36	133.00
3306-C	10	13 x 21	7.00	3317-PP	55	22 x 36	249.00
3306-A	10	13 x 21	191.00	3317-C	55	22 x 36	21.00
3306-S	10	13 x 21	170.00	3317-A	55	22 x 36	237.00
3307-PE	12	15 x 16	80.00	3317-S	55	22 x 36	202.00
3307-C	12	15 x 16	7.00	3318-PE	65	22 x 40	175.00
3307-A	12	15 x 16	191.00	3318-PP	65	22 x 40	379.00
3307-S	12	15 x 16	170.00	3318-C	65	22 x 40	21.00
3308-PE	15	15 x 19	51.00	3318-A	65	22 x 40	237.00
3308-PP	15	15 x 19	129.00	3318-S	65	22 x 40	202.00
3308-C	15	15 x 19	7.00	3319-PE	70	24 x 36	393.00
3308-A	15	15 x 19	191.00	3319-PP	70	24 x 36	674.00
3308-S	15	15 x 19	170.00	3319-C	70	24 x 36	24.00
3309-PE	16	14 x 27	64.00	3319-A	70	24 x 36	314.00
3309-PP	16	14 x 27	172.00	3319-S	70	24 x 36	270.00
3309-C	16	14 x 27	7.00	3320-PE	73	30 x 24	419.00
3309-A	16	14 x 27	191.00	3320-C	73	30 x 24	39.00
3309-S	16	14 x 27	170.00	3320-A	73	30 x 24	360.00
3310-PE	16	15 x 22	53.00	3320-S	73	30 x 24	314.00
3310-C	16	15 x 22	7.00	3321-PE	85	28 x 32	230.00
3310-A	16	15 x 22	191.00	3321-PP	85	28 x 32	727.00
3310-S	16	15 x 22	170.00	3321-C	85	28 x 32	37.00
3311-PE	17	18 x 15	68.00	3321-A	85	28 x 32	337.00
3311-PP	17	18 x 15	125.00	3321-S	85	28 x 32	292.00
3311-C	17	18 x 15	17.00	3322-PE	90	30 x 30	485.00
3311-A	17	18 x 15	215.00	3322-C	90	30 x 30	39.00
3311-S	17	18 x 15	186.00	3322-A	90	30 x 30	360.00
3312-PE	25	14 x 40	114.00	3322-S	90	30 x 30	314.00
3312-PP	25	14 x 40	263.00	3323-PE	90	24 x 48	227.00
3312-C	25	14 x 40	7.00	3323-PP	90	24 x 48	520.00
3312-A	25	14 x 40	191.00	3323-C	90	24 x 48	24.00
3312-S	25	14 x 40	170.00	3323-A	90	24 x 48	314.00
-	-	-	-	3323-S	90	24 x 48	270.00

PE = Polyethylene, PP = Polypropylene, C = Cover, A = Stand w/Agitator mount, S = Stand 100 Gallon and larger capacity tanks are located on the next page.



PLASTIC TANKS

Chemtainer Open Top Flat Bottom Cylindrical Tanks

continued from previous page



Covers not included in tank price. Covers are PE and must be ordered separately.

* Height is from bottom of tank to under flange of lip.

Stands sold separately or with agitator mount. Pictured with w/o agitator mount.



Part #	Gallon Capacity	Dimensions Dia. x H.*	Price Ea.	Part #	Gallon Capacity	Dimensions Dia. x Height*	Price Ea.
3324-PE	100	28 x 42	286.00	3335-PE	260	36 x 60	632.00
3324-PP	100	28 x 42	555.00	3335-PP	260	36 x 60	1437.00
3324-C	100	28 x 42	37.00	3335-C	260	36 x 60	48.00
3324-A	100	28 x 42	337.00	3335-A	260	36 x 60	420.00
3324-S	100	28 x 42	292.00	3335-S	260	36 x 60	337.00
3325-PE	102	27 x 45	554.00	3336-PE	260	39 x 53	939.00
3325-PP	102	27 x 45	838.00	3336-C	260	39 x 53	65.00
3325-C	102	27 x 45	37.00	3336-A	260	39 x 53	490.00
3325-A	102	27 x 45	337.00	3336-S	260	39 x 53	406.00
3325-S	102	27 x 45	292.00	3337-PE	275	42 x 48	527.00
3326-PE	105	36 x 24	281.00	3337-PP	275	42 x 48	1027.00
3326-C	105	36 x 24	48.00	3337-C	275	42 x 48	62.00
3326-A	105	36 x 24	382.00	3337-A	275	42 x 48	490.00
3326-S	105	36 x 24	337.00	3337-S	275	42 x 48	406.00
3327-PE	105	24 x 54	554.00	3338-PE	315	48 x 42	1153.00
3327-PP	105	24 x 54	838.00	3338-PP	315	48 x 42	1677.00
3327-C	105	24 x 54	24.00	3338-C	315	48 x 42	90.00
3327-A	105	24 x 54	345.00	3338-A	315	48 x 42	538.00
3327-S	105	24 x 54	270.00	3338-S	315	48 x 42	457.00
3328-PE	110	30 x 36	296.00	3339-PE	325	36 x 74	1153.00
3328-PP	110	30 x 36	928.00	3339-C	325	36 x 74	48.00
3328-C	110	30 x 36	39.00	3339-A	325	36 x 74	442.00
3328-A	110	30 x 36	360.00	3339-S	325	36 x 74	337.00
3328-S	110	30 x 36	314.00	3340-PE	330	45 x 48	1268.00
3329-PE	125	36 x 30	632.00	3340-C	330	45 x 48	189.00
3329-C	125	36 x 30	48.00	3340-A	330	45 x 48	538.00
3329-A	125	36 x 30	382.00	3340-S	330	45 x 48	457.00
3329-S	125	36 x 30	337.00	3341-PE	360	48 x 48	637.00
3330-PE	150	31 x 48	369.00	3341-PP	360	48 x 48	1838.00
3330-PP	150	31 x 48	656.00	3341-C	360	48 x 48	90.00
3330-C	150	31 x 48	34.00	3341-A	360	48 x 48	538.00
3330-A	150	31 x 48	360.00	3341-S	360	48 x 48	457.00
3330-S	150	31 x 48	314.00	3342-PE	440	52 x 48	1588.00
3331-PE	155	36 x 36	384.00	3342-PP	440	52 x 48	2471.00
3331-PP	155	36 x 36	1094.00	3342-C	440	52 x 48	106.00
3331-C	155	36 x 36	48.00	3342-A	440	52 x 48	647.00
3331-A	155	36 x 36	382.00	3342-S	440	52 x 48	565.00
3331-S	155	36 x 36	337.00	3343-PE	500	52 x 60	1034.00
3332-PE	165	31 x 56	378.00	3343-PP	500	52 x 60	2920.00
3332-C	165	31 x 56	34.00	3343-C	500	52 x 60	106.00
3332-A	165	31 x 56	397.00	3343-A	500	52 x 60	743.00
3332-S	165	31 x 56	314.00	3343-S	500	52 x 60	662.00
3333-PE	180	30 x 60	386.00	3344-PE	550	48 x 72	1845.00
3333-PP	180	30 x 60	1147.00	3344-PP	550	48 x 72	3025.00
3333-C	180	30 x 60	39.00	3344-C	550	48 x 72	90.00
3333-A	180	30 x 60	397.00	3344-A	550	48 x 72	592.00
3333-S	180	30 x 60	314.00	3344-S	550	48 x 72	457.00
3334-PE	200	36 x 48	420.00	3345-PE	575	60 x 46	2042.00
3334-PP	200	36 x 48	835.00	3345-C	575	60 x 46	170.00
3334-C	200	36 x 48	48.00	3345-A	575	60 x 46	1905.00
3334-A	200	36 x 48	382.00	3345-S	575	60 x 46	1688.00
3334-S	200	36 x 48	337.00	-	-	-	-

PE = Polyethylene, PP = Polypropylene, C = Cover, A = Stand w/Agitator mount, S = Stand 575 Gallon and larger capacity tanks are located on the next page.



PLASTIC TANKS

Chemtainer Open Top Flat Bottom Cylindrical Tanks continued from previous page



Covers not included in tank price. Covers are PE and must be ordered separately.

Stands sold separately or with agitator mount. Pictured with w/o agitator mount.



Stands sold separately or with agitator mount. Pictured with agitator mount.



* Height is from bottom of tank to under flange of lip.

Part #	Gallon Capacity	Dimensions Dia. x H.*	Price Ea.	Part #	Gallon Capacity	Dimensions Dia. x Height*	Price Ea.
3346-PE	575	42 x 96	2222.00	3354-PE	1000	84 x 46	2865.00
3346-C	575	42 x 96	62.00	3354-C	1000	84 x 46	656.00
3346-A	575	42 x 96	1191.00	3354-A	1000	84 x 46	4302.00
3346-S	575	42 x 96	1028.00	3354-S	1000	84 x 46	3887.00
3347-PE	650	48 x 84	2246.00	3355-PE	1100	60 x 90	3130.00
3347-C	650	48 x 84	90.00	3355-C	1100	60 x 90	170.00
3347-A	650	48 x 84	1279.00	3355-A	1100	60 x 90	2205.00
3347-S	650	48 x 84	1171.00	3355-S	1100	60 x 90	1688.00
3348-PE	675	66 x 46	2331.00	3356-PE	1250	69 x 84	2406.00
3348-C	675	66 x 46	223.00	3356-C	1250	69 x 84	305.00
3348-A	675	66 x 46	2560.00	3356-A	1250	69 x 84	2730.00
3348-S	675	66 x 46	2253.00	3356-S	1250	69 x 84	2397.00
3349-PE	700	55 x 70	2411.00	3357-PE	1500	73 x 84	3582.00
3349-C	700	55 x 70	164.00	3357-C	1500	73 x 84	466.00
3349-A	700	55 x 70	1693.00	3357-A	1500	73 x 84	2873.00
3349-S	700	55 x 70	1300.00	3357-S	1500	73 x 84	2547.00
3350-PE	800	72 x 46	2702.00	3358-PE	2000	84 x 84	4087.00
3350-C	800	72 x 46	578.00	3358-C	2000	84 x 84	656.00
3350-A	800	72 x 46	2873.00	3358-A	2000	84 x 84	4698.00
3350-S	800	72 x 46	2532.00	3358-S	2000	84 x 84	3975.00
3351-PE	800	60 x 66	2739.00	3359-PE	2000	82 x 90	5468.00
3351-C	800	60 x 66	170.00	3359-A	2000	82 x 90	4698.00
3351-A	800	60 x 66	1988.00	3359-S	2000	82 x 90	3975.00
3351-S	800	60 x 66	1688.00	-	-	-	-
3353-PE	1000	66 x 72	2710.00	-	-	-	-
3353-C	1000	66 x 72	223.00	-	-	-	-
3353-A	1000	66 x 72	3288.00	-	-	-	-
3353-S	1000	66 x 72	2668.00	-	-	-	-

PE = Polyethylene, PP = Polypropylene, C = Cover, A = Stand w/Agitator mount, S = Stand



PLASTIC TANKS

Chemtainer Cylindrical Cone Bottom Tanks

Designed for complete drainage. Heavy wall construction provides durability under severe conditions.

- Cone bottom for complete drainage of liquids.
- Operating temperature of 150°F HDPE; 220°F PP.
- High chemical and impact resistance.
- Smooth interior and conical bottom
- FDA approved material available
- Translucent—visible content level.
- Polypropylene is not recommended for high impact or low temperature applications.



Covers not included in tank price. Covers are PE and must be ordered separately.

Stands sold separately. With or without agitator mount. Pictured with agitator mount.

Part #	Gallon Capacity	Dimensions Dia. x H.	Price Ea.	Part #	Gallon Capacity	Dimensions Dia. x Height	Price Ea.
3360-PE	5	11 x 13	37.00	3369-PE	250	42 x 46	626.00
3360-PP	5	11 x 13	92.00	3369-PP	250	42 x 46	1121.00
3360-C	5	11 x 13	7.00	3369-C	250	42 x 46	62.00
3360-A	5	11 x 13	191.00	3369-A	250	42 x 46	666.00
3360-S	5	11 x 13	151.00	3369-S	250	42 x 46	582.00
3361-PE	10	15 x 17	54.00	3370-PE	350	42 x 60	827.00
3361-C	10	15 x 17	7.00	3370-PP	350	42 x 60	2933.00
3361-A	10	15 x 17	200.00	3370-C	350	42 x 60	62.00
3361-S	10	15 x 17	163.00	3370-A	350	42 x 60	968.00
3362-PE	15	15 x 19	70.00	3370-S	350	42 x 60	735.00
3362-PP	15	15 x 19	138.00	3371-PE	500	52 x 64	1486.00
3362-C	15	15 x 19	7.00	3371-PP	500	52 x 64	3534.00
3362-A	15	15 x 19	234.00	3371-C	500	52 x 64	106.00
3362-S	15	15 x 19	166.00	3371-A	500	52 x 64	1181.00
3363-PE	30	18 x 29	102.00	3371-S	500	52 x 64	985.00
3363-PP	30	18 x 29	212.00	3372-PE	750	62 x 58	2980.00
3363-C	30	18 x 29	17.00	3372-C	750	62 x 58	188.00
3363-A	30	18 x 29	264.00	3372-A	750	62 x 58	1418.00
3363-S	30	18 x 29	218.00	3372-S	750	62 x 58	1203.00
3364-PE	55	22 x 36	160.00	3373-PE	1000	66 x 72	3499.00
3364-PP	55	22 x 36	323.00	3373-C	1000	66 x 72	223.00
3364-C	55	22 x 36	21.00	3373-A	1000	66 x 72	1530.00
3364-A	55	22 x 36	321.00	3373-S	1000	66 x 72	1297.00
3364-S	55	22 x 36	258.00	3374-PE	1000	84 x 48	3499.00
3365-PE	75	30 x 24	302.00	3374-C	1000	84 x 48	656.00
3365-PP	75	30 x 24	445.00	3374-A	1000	84 x 48	3482.00
3365-C	75	30 x 24	39.00	3374-S	1000	84 x 48	3169.00
3365-A	75	30 x 24	379.00	3375-PE	1350	86 x 70	3594.00
3365-S	75	30 x 24	328.00	3375-A	1350	86 x 70	4076.00
3366-PE	100	30 x 36	343.00	3375-S	1350	86 x 70	3770.00
3366-PP	100	30 x 36	587.00	3376-PE	1500	73 x 84	4778.00
3366-C	100	30 x 36	39.00	3376-C	1500	73 x 84	466.00
3366-A	100	30 x 36	379.00	3376-A	1500	73 x 84	3796.00
3366-S	100	30 x 36	328.00	3376-S	1500	73 x 84	3490.00
3367-PE	125	42 x 24	644.00	3377-PE	2000	80 x 86	5667.00
3367-C	125	42 x 24	62.00	3377-A	2000	80 x 86	4326.00
3367-A	125	42 x 24	666.00	3377-S	2000	80 x 86	4020.00
3367-S	125	42 x 24	582.00	3378-PE	2500	86 x 118	6029.00
3368-PE	200	31 x 65	456.00	3378-A	2500	86 x 118	4929.00
3368-PP	200	31 x 65	1423.00	3378-S	2500	86 x 118	4538.00
3368-C	200	31 x 65	34.00	-	-	-	-
3368-A	200	31 x 65	611.00	-	-	-	-
3368-S	200	31 x 65	538.00	-	-	-	-

PE = Polyethylene, PP = Polypropylene, C = Cover, A = Stand w/Agitator mount, S = Stand



PLASTIC TANKS

Chemtainer Cone Bottom Tanks with FRP Encasement

- These tanks have same features as the cylindrical cone bottom tanks with the added benefits of an FRP case
- Designed for severe conditions with high temperature or specific gravity.
- FDA material available • HDPE or PP liners



Covers not included in tank price. Covers are PE and must be ordered separately.

Stands sold separately. With or without agitator mount. Pictured w/out agitator mount.

NOTE:
To order Covers, Stands, or Stands with Agitator Mounts; use Part # from the Cylindrical Cone Bottom Tanks Price Schedule on Page 408.

Part #	Gallon Capacity	Dimensions Dia. x H.	Price Ea.	Part #	Gallon Capacity	Dimensions Dia. x Height	Price Ea.
3379-PE	5	11 x 13	280.00	3387-PE	200	31 x 65	2214.00
3379-PP	5	11 x 13	338.00	3387-PP	200	31 x 65	2817.00
3380-PE	10	15 x 17	322.00	3388-PE	250	42 x 46	2190.00
3380-PP	10	15 x 17	371.00	3388-PP	250	42 x 46	2865.00
3381-PE	15	15 x 19	338.00	3389-PE	350	42 x 60	2989.00
3381-PP	15	15 x 19	402.00	3389-PP	350	42 x 60	4400.00
3382-PE	30	18 x 29	767.00	3390-PE	500	52 x 64	3962.00
3382-PP	30	18 x 29	916.00	3390-PP	500	52 x 64	6681.00
3383-PE	55	22 x 36	916.00	3391-PE	750	62 x 58	7026.00
3383-PP	55	22 x 36	1005.00	3391-PP	750	62 x 58	9892.00
3384-PE	75	30 x 24	1072.00	3392-PE	1000	66 x 72	7850.00
3384-PP	75	30 x 24	1507.00	3393-PE	1000	84 x 48	7850.00
3385-PE	100	30 x 36	1416.00	3394-PE	1350	86 x 70	13706.00
3385-PP	100	30 x 36	1835.00	3395-PE	1500	73 x 84	15179.00
3386-PE	125	42 x 24	1919.00	3396-PE	2000	80 x 86	18269.00
3386-PP	125	42 x 24	2620.00	3397-PE	2500	86 x 118	21924.00

PE = Polyethylene, PP = Polypropylene, C = Cover, A = Stand w/Agitator mount, S = Stand

Chemtainer Rectangular Tanks

These tanks are designed with heavy walls for long service under severe conditions. Straight sides allow maximum use of space. Our tanks are used in dozens of industries for plating, processing, and storage.

- Polyethylene or Polypropylene
- Operating temperature 140°F HDPE; 212°F PP
- Large selection of sizes
- FDA approved material available
- Easy to clean
- Translucent—visible content level

OPTIONS: • FRP Encasements with PE or PP liners • PE covers • Steel Stands and Dollies • Complete Fabrication Capabilities



Rectangular tanks with a height greater than 18" must be supported.

NOTE: Many other sizes available not listed, contact an ALSCO Sales consultant.

Covers are not included in tank prices. Available at an extra cost.

PE = Polyethylene PP = Polypropylene

Part #	Gallon Capacity	Dimensions Width x Length x Height	Price Ea.	Part #	Gallon Capacity	Dimensions Width x Length x Height	Price Ea.
3401-PE	2	8 x 8 x 8	28.00	-	-	-	-
3402-PE	7	12 x 12 x 12	42.00	-	-	-	-
3402-PP	7	12 x 12 x 12	135.00	3418-PE	40	18 x 18 x 30	207.00
3403-PE	11	12 x 12 x 18	78.00	3418-PP	40	18 x 18 x 30	453.00
3405-PE	14	12 x 12 x 24	88.00	3419-PE	50	18 x 18 x 36	254.00
3405-PP	14	12 x 12 x 24	153.00	3420-PE	30	24 x 24 x 12	117.00
3406-PE	18	12 x 12 x 30	98.00	3421-PE	45	24 x 24 x 18	161.00
3406-PP	18	12 x 12 x 30	222.00	3421-PP	45	24 x 24 x 18	276.00
3407-PE	17	18 x 18 x 12	76.00	3422-PE	60	24 x 24 x 24	198.00
3408-PE	25	18 x 18 x 18	101.00	3422-PP	60	24 x 24 x 24	428.00
3408-PP	25	18 x 18 x 18	223.00	3423-PE	75	24 x 24 x 30	217.00
3409-PE	34	18 x 18 x 24	109.00	3423-PP	75	24 x 24 x 30	482.00
3410-PE	6	10 x 14 x 10	39.00	3424-PE	90	24 x 24 x 36	278.00
3411-PE	26	16 x 16 x 24	170.00	3424-PP	90	24 x 24 x 36	624.00
-	-	-	-	3425-PE	94	30 x 30 x 24	313.00
3414-PE	12	4 x 24 x 30	175.00	3426-PE	115	30 x 30 x 30	354.00
3414-PP	12	4 x 24 x 30	339.00	3426-PP	115	30 x 30 x 30	511.00
3415-PE	11	6 x 24 x 18	164.00	3427-PE	138	30 x 30 x 36	390.00
3415-PP	11	6 x 24 x 18	471.00	3427-PP	138	30 x 30 x 36	958.00
3416-PE	25	8 x 24 x 30	195.00	-	-	-	-
3416-PP	25	8 x 24 x 30	357.00	3429-PE	92	36 x 36 x 18	499.00
-	-	-	-	3430-PE	42	14 x 24 x 30	629.00
-	-	-	-	3430-PP	42	14 x 24 x 30	1063.00

Chemtainer Acid Neutralization Tanks

These tanks have years of proven suitability in handling tough effluents. Our line of polyethylene and polypropylene neutralization tanks are designed to withstand the heat of neutralization and the corrosive attack of acids, alkalis, toxics or other types of chemical wastes.

- Polyethylene or Polypropylene
- Operating temperature 140°F HDPE; 212°F PP
- S/S hardware and neoprene fume gasket
- Rugged, heavy wall construction



Part #	Gallon Capacity	Size Dia. x H	Wall Approx. (in.)	PE Price	Part #	PP Price
3432-PE	5	11 x 14	3/16	206.00	3432-PP	338.00
3433-PE	15	18 x 15	3/16	455.00	3433-PP	634.00
3434-PE	30	18 x 29	1/4	510.00	3434-PP	857.00
3435-PE	55	22 x 36	1/4	634.00	3435-PP	1129.00
3436-PE	100	28 x 42	5/16	864.00	3436-PP	1515.00
3437-PE	150	31 x 48	5/16	1269.00	3437-PP	2042.00
3438-PE	200	36 x 48	5/16	1374.00	3438-PP	2117.00
3439-PE	275	42 x 48	5/16	1895.00	3439-PP	3327.00
3440-PE	350	48 x 48	5/16	2067.00	3440-PP	3476.00
3441-PE	500	52 x 60	3/8	3681.00	3441-PP	5716.00
3442-PE	1200	69 x 84	7/16	9489.00	-	-
3443-PE	1500	73 x 84	7/16	12758.00	-	-
3444-PE	2000	84 x 84	7/16	15155.00	-	-

INLETS and OUTLETS are available in threaded, plain or flanged in PE and PP. Prices are per application.



NeutratanTM Neutralization Tanks

Black High Density Polyethylene, Cylindrical Neutralization Tanks - PE



Features

- Polyethylene
- Black High Density
- Cylindrical
- Neutralization Tanks

Note:

Prices include tank, cover, gasket, one inlet and one outlet. For vent, add price from the list below.

Orders must specify size of tank (gals.), size and type of inlet and outlet (and vent if required) on our drawing. Unless order specifies otherwise, inlet and outlet locations will be 180° opposite.

**ALL ORDERS ARE
NON-RETURNABLE AND
NON-CANCELABLE.**

Part #	Gallon Size	Cover Type	Size	Price
5370	5	EZ	1 1/2" Plain End	\$ 289.40
5371	5	EZ	2" Plain End	303.20
5372	5	Bolted	1 1/2" Plain End	289.40
5373	5	Bolted	2" Plain End	303.20
5374	15	EZ	2" Plain End	430.85
5375	15	EZ	3" Plain End	480.85
5376	15	Bolted	2" Plain End	430.85
5377	15	Bolted	3" Plain End	480.90
5378	30	EZ	2" Plain End	583.00
5379	30	EZ	3" Plain End	670.25
5380	30	EZ	4" Plain End	776.60
5381	30	Bolted	2" Plain End	478.75
5382	30	Bolted	3" Plain End	531.95
5383	30	Bolted	4" Plain End	595.75
5384	55	EZ	3" Plain End	744.70
5385	55	EZ	4" Plain End	824.50
5386	55	Bolted	3" Plain End	601.10
5387	55	Bolted	4" Plain End	664.90
5388	100	EZ	3" Plain End	861.70
5389	100	EZ	4" Plain End	930.85
5390	100	Bolted	3" Plain End	750.00
5391	100	Bolted	4" Plain End	813.85

Vents for All Polyethylene Neutralization Tanks

Part #	Gallon Size	Cover Type	Size	Price
5392	-	-	1 1/2" Plain End	\$ 30.20
5393	-	-	2" Plain End	33.75
5394	-	-	3" Plain End	47.90
5395	-	-	4" Plain End	62.10

Enfield pH Monitoring & Recording System



Description	Part #	Price
pH Monitor w/ 5 gal. Sampling Tank & Alarm	5396	\$ 9324.95
pH Monitor w/ 5 gal. Sampling Tank, Alarm & Strip Chart Recorder	5397	10244.40
pH Monitor w/ Alarm	5398	9259.35
pH Monitor w/ Alarm & Strip Chart Recorder	5399	10047.30

Also Available P.O.A.

Large Size Cylindrical Tanks Polyethylene or Polypropylene
150 Gallons
200 Gallons
275 Gallons
* 350 Gallons
* 500 Gallons
* 700 Gallons
* 1000 Gallons
* 1250 Gallons
* 2000 Gallons
* Bolted cover only

Rectangular Tanks Polyethylene or Polypropylene
5 Gallons
15 Gallons
30 Gallons
55 Gallons
115 Gallons
150 Gallons
215 Gallons
265 Gallons
400 Gallons
540 Gallons
670 Gallons

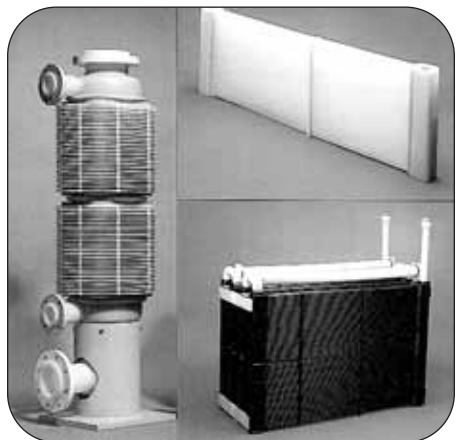
Vents
1 1/2" MPT
1 1/2" FPT
2" MPT
2" FPT
3" MPT
3" FPT
4" MPT
4" FPT
3" Flanged
4" Flanged

Inlet / Outlet Sizes & Connections	
I / O	Tank Size
1 1/2" Plain End	5 to 55 gal
1 1/2" MPT or FPT	5 to 55 gal
2" Plain End	5 to 150 gal
2" MPT or FPT	5 to 150 gal
3" Plain End	15 to 500 gal
3" MPT or FPT	15 to 500 gal
3" Flanged	30 to 500 gal
4" Plain End	30 to 2000 gal
4" MPT or FPT	30 to 2000 gal
4" Flanged	30 to 2000 gal
6" Flanged	350 to 2000 gal



+GF+ Heat Exchangers

CALORPLAST Immersion and Tube Plate Heat Exchangers



For Heating or Cooling of Corrosive Media and High Purity Fluids

Advantages of CALORPLAST Heat Exchangers

- Chemical inertness.
- Large heat transfer surface in a confined space.
- All-plastic design with no elastomers, seals or mechanical joints which might otherwise limit the capability of the parent material of construction.
- Plastic design eliminates effect of stray current in plating applications.
- Open flow tube bundle—tubes do not touch.
- Modular construction enables adaptability to particular vessel geometry.
- Exceptionally low fouling factors.
- Tough, impact resistant tubes, not capillary-type tubing.
- Low pressure drops enhancing turbulent flow resulting in maximized heat transfer capability.
- Handle steam up to 35 psig.
- Repairable at plant site with a hot air welding gun.

Material Characteristics

Density
Max. Working Temperature
Melting Temperature
Coefficient of Thermal Expansion
Thermal Conductivity at 73°F

Units of Measure

g / cm³
°F
°F
10⁻⁵ / °F
BTU
HR ft.² °F / ft.

PVDF

1.78
281
352
6.7
0.104
None
8000
345,000
320,000

PP

0.91
190
329
8.9
0.127
None
4700
—
220,000

Toxicity
Tensile Strength
Compressive Modulus
Modulus of Elasticity in Tension

Mechanical Strength

		Temperature of Medium								
		°F	68	104	140	176	212	248	281	
PVDF	Operating Pressure	PSI	232	174	145	109	87	65	51	
	Burst Pressure	PSI	1160	798	725	580	435	326	253	
PP	Operating Pressure	PSI	116	87	58	29	29	—	—	
	Burst Pressure	PSI	362	261	203	116	87	—	—	

DATA SHEET

To receive a quote, copy this page, fill in information, and fax to ALSCO., Fax (770) 739-7549

1) TANK: Dimensions

length: _____ ft
width (front): _____ ft
height: _____ ft
bath level: _____ ft
volume: _____ gal
Insulation No Yes
thickness _____ inches
Open top No Yes
tank fluid: _____
specific gravity of tank fluid: _____ g / cm³
Air sparging: No Yes
rate: _____ cfm
On which tank-wall can the heat exchanger be placed?
1 length wall both fronts
both length walls floor
1 front

2) HEATING

heating capacity _____ BTU/hr
heating media: saturated steam _____ °F _____ psi
water _____ °F / _____ °F _____ psi
_____ °F / _____ °F _____ psi
constant tank temperature _____ °F
heating up the tank from _____ °F to _____ °F
heat up time _____ hours

3) COOLING

cooling capacity _____ BTU/h _____ Amps _____ V
% of time at full current _____
cooling media: water _____ °F / _____ °F _____ psi
brine _____ °F / _____ °F _____ psi
cooling media volume _____ gal / min
constant tank temperature _____ °F
starting tank temperature _____ °F
cooldown time _____ hours



Heat Exchangers & Temperature Controls

Electric Immersion Heaters, Heat Exchangers and Temperature Controls



Heater Types

- Grounded Teflon* Heaters
- Quartz Heaters
- Metal Over the Side Heaters
- L-Shaped Heaters
- Tubular Heaters
- Screw Plug Heaters

Accessories

- Solenoid Valves
- Amp-Hour Totalizing Device
- Capacitive Level Controls
- Digital Timers
- Liquid Level Controls
- Thermowells
- PVC Conduit and Fittings
- Relays
- Heater Guards for Quartz and Teflon Heaters

WARNING: Electric immersion heaters will ignite many plastic tanks such as Polypropylene and Polyethylene and subject personnel to shock hazard if not properly installed and maintained.

SAFETY CONTROLS: The manufacturer vigorously recommends and urges the use of overtemperature devices and level controls on all electric heater installations. Any immersion heater unequipped with these safety devices represents a fire hazard when exposed to liquid level fluctuations or other hazardous conditions

* Reg. U.S. Pat. Office for DuPont's Fluorocarbon Resins.

DATA SHEET for Ordering

TANK: Dimensions
 length: _____ ft width (front): _____ ft height: _____ ft
 bath level: _____ ft Volume: _____ gal
 Insulation _____ No _____ Yes Thickness _____ inches
 Chemical Solution: _____
 Style of Heater: Horizontal _____ Vertical _____
 Controller Type: Digital Indicating _____
 Analog Indicating _____
 Non-indicating _____
 Thermal Protection: No _____ Yes _____
 Voltage: _____ Volts Phase: _____ (1 or 3)

HEATING:
 Heating capacity _____ BTU/hr
 Constant tank temperature _____ °F
 Heating up the tank from _____ °F to _____ °F
 Heat up time _____ hours