



2023 Price List

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Series PD

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Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series PD with FASTPRIME™				
PDx1	0.25	0.95	450	30.6
PDx4	0.68	2.60	250	17
PDx5	1.10	4.20	150	10.2
PDx6	2.00	7.60	70	4.8
Series PD with AUTOPRIME™				
PDx4	0.20	0.76	250	17
PDx5	0.75	2.84	110	7.5
PDx6	1.75	6.62	50	3.4

EXCEL™ AD

17

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
EXCEL™ AD with FASTPRIME™				
ADx1	0.21	0.8	250	17.2
ADx4	0.5	1.9	250	17.2
ADx5	1.0	3.8	110	7.6
ADx6	2.0	7.6	50	3.4
EXCEL™ AD with AUTOPRIME™				
ADx1	0.15	0.6	250	17.2
ADx4	0.33	1.2	250	17.2
ADx5	0.80	3.0	110	7.6
ADx6	1.80	6.8	50	3.4

Series B

22

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series B with LIQUIPRO™				
Bx1	1.6	6.1	150	10.3
Bx2	2.5	9.5	100	6.9
Bx3	4.5	17.0	50	3.4
Bx4	7.0	26.5	30	2.07
Series B with AUTOPRIME™				
Bx1	1.4	5.3	150	10.3
Bx2	2.3	8.7	100	6.9
Bx3	4.0	15.1	50	3.4
Bx4	6.8	25.7	30	2.07

SERIES C

27

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series C with LIQUIPRO™				
Cx0	1.3	4.9	300	20.7
Cx1	2.5	9.5	150	10.3
Cx2	4.0	15.1	100	6.9
Cx3	8.0	30.3	60	4.1
Cx4	20.0	75.7	25	1.7
C76	4.0	15.1	175	12.1
C77	10.0	38.0	80	5.5
C78	25.0	95.0	30	2.07
Series C with AUTOPRIME™				
Cx1	2.3	8.7	150	10.3
Cx2	3.8	14.4	100	6.9
Cx3	7.8	29.5	60	4.1

SERIES E - Explosion Proof Pumps

36

Model	Max Output		Max Pressure	
	GPH	I/h	PSI	Bar
Series E with LIQUIPRO™				
E70	1.3	4.9	300	20.7
E71	2.5	9.5	150	10.3
E72	4.0	15.1	100	6.9
E73	8.0	30.3	60	4.1
E74	20.0	76.0	25	1.7
Series E with AUTOPRIME™				
E71	2.3	8.7	150	10.3
E72	3.8	14.4	100	6.9
E73	7.8	29.5	60	4.1

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Model	Max Output		Max Pressure		
	GPH	l/h	PSI	Bar	
XRD2	5.6	21.2	175	12.1	
XRD3	14	53	75	5.0	
XRD4	18	68.1	50	3.5	
XRE2	16	60.6	150	10.3	
XRE3	32	121.1	100	6.9	
XRE4	53	200.6	60	4.1	
EXCEL™ XR Accessories					68
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SERIES G					71
Model SD	Max Output		Max Pressure		
	GPH	l/h	PSI	Bar	
SD2	0.7	2.6	175	12.1	
SD4	12	45	150	10.3	
SD7	50	189	100	6.9	
SD8	115	435	75	5.2	
Model SG	Max Output		Max Pressure		
	GPH	l/h	PSI	Bar	
SG5	106	400	150	10.3	
SG6	147	556	100	6.9	
SG7	300	1136	50	3.4	
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Minimum Advertised Price Policy

Revision effective April 1, 2018

As one of the world's leading producers and suppliers of pumps, water treatment controllers, and metering pumps, Milton Roy is focused on ensuring that customers receive the high quality products and support that Milton Roy seeks to have associated with the company's trademarks, including the LMI brand. That requires ensuring that every tier of the distribution chain—including Master Distributors and the Sub-distributors/Resellers—has the economic incentive to make the investment necessary to provide the quality of product sales and support that a premium brand like LMI needs and deserves. Consistent with our brand strategy and marketing, we have developed the following Minimum Advertised Price ("MAP") policy for LMI products. We have adopted this MAP Policy to prevent advertising that tends to depreciate or degrade the image and positioning of Milton Roy's LMI brand, products, and trademarks in the marketplace, thereby eroding goodwill and brand reputation. We also want to ensure that Master Distributors of LMI products and support services are not undermined by the advertising of "free riding" distributors that do not offer such services. By adhering to this MAP Policy, Master Distributors are likely to benefit from enhanced profitability, customer loyalty, and product image. All Master Distributors are prohibited from directly or indirectly violating this MAP policy.

Milton Roy MAP Policy Guidelines

MAP pricing for all products can be found on your current price list and is equal to the current LIST PRICE. All advertised prices must be at or above MAP for all products if a MAP price has been established by Milton Roy. Master Distributors are not required to list prices in advertising. If a price is listed in an advertisement, however, it must be at or above MAP. Other statements such as "call for price" or "call for quote" are acceptable and permitted. Master Distributors are also responsible for ensuring that their product pricing is at or above MAP on Internet search engines. Master Distributors are free to set the actual resale price of any product but are encouraged to maintain resale prices at or above the MAP price as published in the most recent price list.

This policy applies to advertising placements, including print ads (inserts, magazines, newspapers, catalogs, mail order catalogs, etc.), broadcast (radio and TV), direct mail, faxes, Internet placement with third parties (banner ads, broadcast emails, destination pages, third-party sites), Internet placements on a Master Distributor's own website, and any flyers, posters, or coupons.

Master Distributors of LMI products are encouraged to supply a copy of this policy to any new or existing Sub-distributors/Resellers.

Pricing Statements

This MAP Policy does allow Master Distributors to omit pricing entirely from advertisements and/or advertisement statements such as "Call for Price" or "Call for Quote."

Free Offers

Free shipping and/or handling, 0% sales tax, or free financing promotions do not violate the MAP Policy.

Products Price Matching Policies

Price matching policies are acceptable. Price matching cannot be used as a valid reason for violations of this MAP Policy, and violations by other distributors or resellers does not grant a Master Distributor or anyone else a right to violate the MAP policy. The Master Distributor's advertised price must always be at MAP or higher.

Practices Inconsistent with the Minimum Advertised Price Policy

Advertising practices that are inconsistent with and a violation of the MAP Policy are not permitted. While it is not possible to list all such inconsistent practices, some of them are listed below:

- Advertising LMI products below the MAP, in any medium (including in-store, print, audio, video, Internet communications or online).
- In eCommerce transactions, "see cart for pricing" are inconsistent with LMI brand guidelines if the consumer is not required to enter a specific log in (i.e. account number) or password to see this pricing.
- Website features such as "click for price", automated "bounce-back" pricing e-mails, preformatted e-mail responses, forms, and automatic price display for any items prior to being placed in a customer's shopping cart, and other similar features are considered to be communications initiated by the distributor (rather than by the customer) and thereby constitute "advertising" under this MAP Policy. Thus, these actions will be non-compliant with this policy
- Advertising volume discounts that are less than MAP price at the individual SKU level will be considered a violation of this policy.
- Unapproved coupons specifically for LMI products.
- Use of generic coupons for any merchandise in the store or online, when the use of that coupon is "netted out" or shown in an advertisement for LMI products. *(With respect to coupons that cover any and all of the merchandise in a retailer's store, while it is our strong preference that LMI products be excluded from such coupons, we will not consider such all merchandise coupons to be an inconsistent practice).*
- If a distributor or wholesaler with multiple store locations violates the MAP Policy at any one store location, or on any associated website, then LMI will consider this to be a violation by the distributor or wholesaler.

Enforcement of the Minimum Advertised Price Policy

LMI and the Master Distributor channel will monitor the practices of distributors and resellers either directly or via 3rd party agencies and/or analytical tools in all markets. Distributors and Wholesalers are expected to provide reasonable cooperation in any LMI investigations regarding possible MAP Policy violations. Hindering or otherwise failing to cooperate with an LMI MAP Policy investigation will be considered a violation of the MAP Policy. Upon discovering that a Master Distributor, distributor or reseller is engaging in any inconsistent practice as described above, LMI will take the actions outlined below, unilaterally and without consultation or agreement with either the non-compliant Master Distributors, distributors or reseller or others. LMI will hold authorized Master Distributors responsible for actions by their resellers or sub-distributors that violate the MAP policy.

- *If an initial violation occurs, the Master Distributor Channel will be expected make all attempts to work through the violation without involvement from LMI. If or when a resolution cannot be reached, LMI may be contacted for an interpretation of the expected guidelines and to give LMI notice of the violation.*
- *If a second violation occurs, LMI will issue an official warning to the Master Distributor responsible for the offending conduct or the offending distributor or reseller. Upon receipt of such letter, the responsible Master Distributor will have 10 working days to respond with an explanation and/or steps to resolve the matter. This response will be sent to LMI for records keeping.*
- *Further violations can result in any or all of the following actions:*
 - *Restrict future orders to the offending distributor and/or reseller to be enforced by the Master Distributor. Proof must be provided to LMI of enforcement.*
 - *Place Regional Responsibility under review for a period of 60 days*
 - *Terminate our business relationship with non-compliant Master Distributors. Such a decision will be made by the LMI management team.*

Failure to Comply with the MAP Policy

At the sole discretion of Milton Roy, failure to comply with this policy may result in a decision by Milton Roy not to sell products to a Master Distributor in the future and to terminate any agreement(s) in place with a Master Distributor.

CHEMICAL RESISTANCE GUIDE

This guide is offered as a general aid in selecting the appropriate materials used for a broad spectrum of aggressive chemicals routinely handled by the products we manufacture. Because chemicals and their properties can vary greatly, this chart is to be used at your discretion. The accuracy of these ratings cannot be guaranteed. Your chemical supplier is the best source for definitive material compatibility. Careful consideration must be given to all characteristics of the chemical and process system including chemical concentration, installation conditions, pressure, and temperature before a final material is selected.

Although the information set forth herein is presented in good faith and believed to be correct at date of issuance, LMI makes no guarantee or representation as to the completeness or accuracy thereof, and disclaims all liability for any loss or damage resulting from use or reliance upon any information, recommendations or suggestions contained herein. LMI MAKES NO EXPRESS OR IMPLIED REPRESENTATIONS OF WARRANTIES AS TO THE FITNESS, MERCHANTABILITY, OR ANY OTHER MATTER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR ANY PRODUCT OR SUBSTANCE REFERRED TO HEREIN, whether used alone or in combination with any other material. Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent. The information is subject to change without notice.

These materials represent the majority of standard liquid end materials used with products we manufacture.

As always, you can rely on your LMI distributor to help with standard and unique applications. Refer to the most current chemical resistance guide by scanning the QR Code or searching for “chemical resistance guide” on support.lmipumps.com.



MATERIAL DESCRIPTIONS

METAL WETTED COMPONENTS

316 Stainless Steel – alloy of iron, carbon, nickel and chromium. A nonmagnetic stainless steel with more ductility than 400SS. Austenitic in structure, 316 stainless steel has excellent corrosion resistance to a wide range of chemicals. It is not susceptible to stress corrosion cracking or affected by heat treatment. 316 stainless steel is the most widely used material for pump heads, check valves, balls and other wetted components.

Alloy 20 – contains more nickel and chromium than 300 series stainless steel and with the addition of columbium that retards stress corrosion cracking and has improved resistance to sulfuric acid.

Alloy C – a high nickel-chromium molybdenum alloy that has outstanding resistance to a wide variety of chemical process environments, including strong oxidizers such as sodium hypochlorite, and ferric chloride. Alloy C is also resistant to nitric, hydrochloric, and sulfuric acids at moderate temperatures. It's often used as spring material in check valves of non-metallic pumps. Two grades of Alloy C are used in pump components, C276® and C22®. The two grades differ slightly in chemical compatibility, so care should be taken in the selection process.



NON-METAL WETTED COMPONENTS

Acrylic – resistant to many chemicals. Acrylic is often favored over other plastics for use as pump head material because it is clear and enables the user to observe pump performance.

Ceramic – Is used for seats, weights and ball checks in a number of pump products. Ceramic has the advantages of having a high level of hardness while being very corrosion resistant to a wide range of chemicals even at elevated temperatures. Alumina is not compatible with some chemicals such as hydrofluoric, hydrofluorosilicic, and hydrochloric acids.

Polyethylene – has excellent chemical resistance to strong acids and bases. It is also resistant to gentle oxidants and reducing agents. Its primary use in pumps is as a seat material in pump heads made primarily of other plastic materials.

Polypropylene – is generally high in chemical resistance but slightly lower in physical properties compared to PVC. It is chemically resistant to organic solvents, acids, and alkalines. It is typically not effective when in contact with strong oxidizing acids, chlorinated hydrocarbons, and aromatics.

PVC – PVC is the most frequently specified of all thermoplastic materials. It is characterized by high physical properties and resistance to corrosion and chemical attack by acids, alkalines, salt solutions, and many other chemicals. It is not successful handling ketones, some chlorinated hydrocarbons, and aromatics. The maximum service temperature of PVC is 140°F. PVC pipe connections can be solvent cemented (recommended for many chemicals) threaded, or flanged.

PVDF – a strong and abrasion-resistant fluorocarbon material. It resists distortion and retains most of its strength to 280°F. PVDF is excellent with most acids, bases, and organic solvents. It also applies well to chlorine, bromine and other halogens. No other plastic material approaches the combination of strength, chemical resistance and working temperatures of PVDF. PVDF is joined by a fusion process, threading or flanging.

NOTE: For applications where Alloy C springs are not compatible, PVDF coated springs are available.

NOTE: For unlisted chemicals, consult your LMI distributor or chemical manufacturer.

NOTE REFERENCES

1. Consult LMI distributor
2. Absorption of moisture from the air dilutes chemical and increases corrosion.
3. Consult LMI distributor for assistance
4. Consult LMI distributor - Slurry - use HV liquidends
5. Liquified gas - consult LMI distributor
6. Polypropylene only good to 38% concentration.
7. Polypropylene, PEEK, and FKM up to 80 % concentration.
8. Recommend liquid end flush
9. Recommend liquid end flushing
10. Subject to gas binding - use degassing head.
11. Use 316 ss if Titanium Dioxide must remain white
12. Use degassing head, double ball checks, Polyethylene must be HDPE
13. Use liquid ends with HV options
14. Use high alumina ceramic ball checks
15. Use HV liquid ends
16. Use PTFE ball checks
17. Use slurry checks
18. Usually requires high temp options - Consult LMI distributor
19. Volatile with hydrocarbons - Subject to gas binding - use degassing head.
20. Can be very corrosive - recommend plastics
21. High specific gravity - use spring loaded checks

ELASTOMERS AND SEALS

7

POLYPREL® (TFE/P) – is a copolymer of tetrafluoroethylene and propylene with a fluorine content of about 54%. This material is resistant to petroleum products and phosphate-esters. Service temperatures are -25°F to 400°F. Polyprel® provides improved chemical resistance to a wide spectrum of oils, rust inhibitors, amines, acids and bases. Polyprel® is typically used for o-rings in various pump models.

Nitrile (Buna-N) – a general purpose oil-resistant polymer known as nitrile rubber. Nitrile is a copolymer of butadiene and acrylonitrile with a moderate temperature range of -20°F to 180°F. Nitrile is resistant with solvents, oils, water, and hydraulic fluid. Nitrile should not be used with highly polar solvents such as acetone and methyl ethyl ketone, or in applications with chlorinated hydrocarbons, ozone or nitro hydrocarbons. In metering pumps Nitrile is primarily used for o-ring seals.

EPDM – EPDM has good abrasion and tear resistance and offers excellent chemical resistance to a variety of acids and alkalines. It is susceptible to attack by oils and is not recommended for applications involving petroleum oils, strong acids, or strong alkalines. It is fairly good with ketones and alcohols and has a temperature range from -20°F to 250°F.

PEEK – Polyetheretherketone is a high-performance engineered thermoplastic that can be used as diaphragm material when an application exceeds PTFE temperature or tensile strength limits. PEEK can be used up to 550°F.

PTFE/FLUOROFILM™ – has outstanding resistance to chemical attack by most chemicals and solvents. PTFE has a wide temperature rating of -20°F to 400°F as a seal. It is also used as the primary material in diaphragms where temperature limits vary based on backing material. FluoroFilm™ is a copolymer of PTFE and PFA.

FKM – compatible with a broad range of chemicals. FKM is usually used for o-rings, and as a backing material for PTFE diaphragms. It can also be used for ball checks. FKM can be used in most applications involving mineral acids, salt solutions, chlorinated hydrocarbons, and petroleum oils. It is also good in hydrocarbon service. FKM has a temperature range of -20°F to 300°F.

Solution Temperature Maximum

For liquid handling components of LMI metering pumps operation at 100 psi (6.9 Bar)

Material	Example Of Use	Temperature °F °C	
PVDF (Carbon Fiber Reinforced)	Fittings and Pump Head	250*	121*
Polyprel® (TFE/P)	Seal Rings	250*	121*
Polypropylene	Fittings and Pump Head	170	77
Polyvinyl Chloride Rigid (PVC)	Fittings and Pump Head	140	60
Polyvinyl Chloride (Flexible Vinyl)	Suction Tubing	140	60
Polyethylene	Discharge Tubing	110	43
Acrylic	Pump Head	140	60
PTFE	Liquifram™ and Seal Rings	250*	121*
FKM	Diaphragm and Seal Rings	225	107
Stainless Steel (316)	Fittings and Pump Head	250*	121*
Copolymer PTFE	Liquifram™	250*	121*
Alloy C	Spring	250*	121*
EPDM	Seal Rings	225	107
CPVC	Pipe and Corp Stop	180	82
Nitrile (Buna-N)	Gasket and Corp Stop	220	104
PEEK	Diaphragm	550	288
Alloy 20	Balls and Seats	250*	121*
Ceramic	Balls	250*	121*

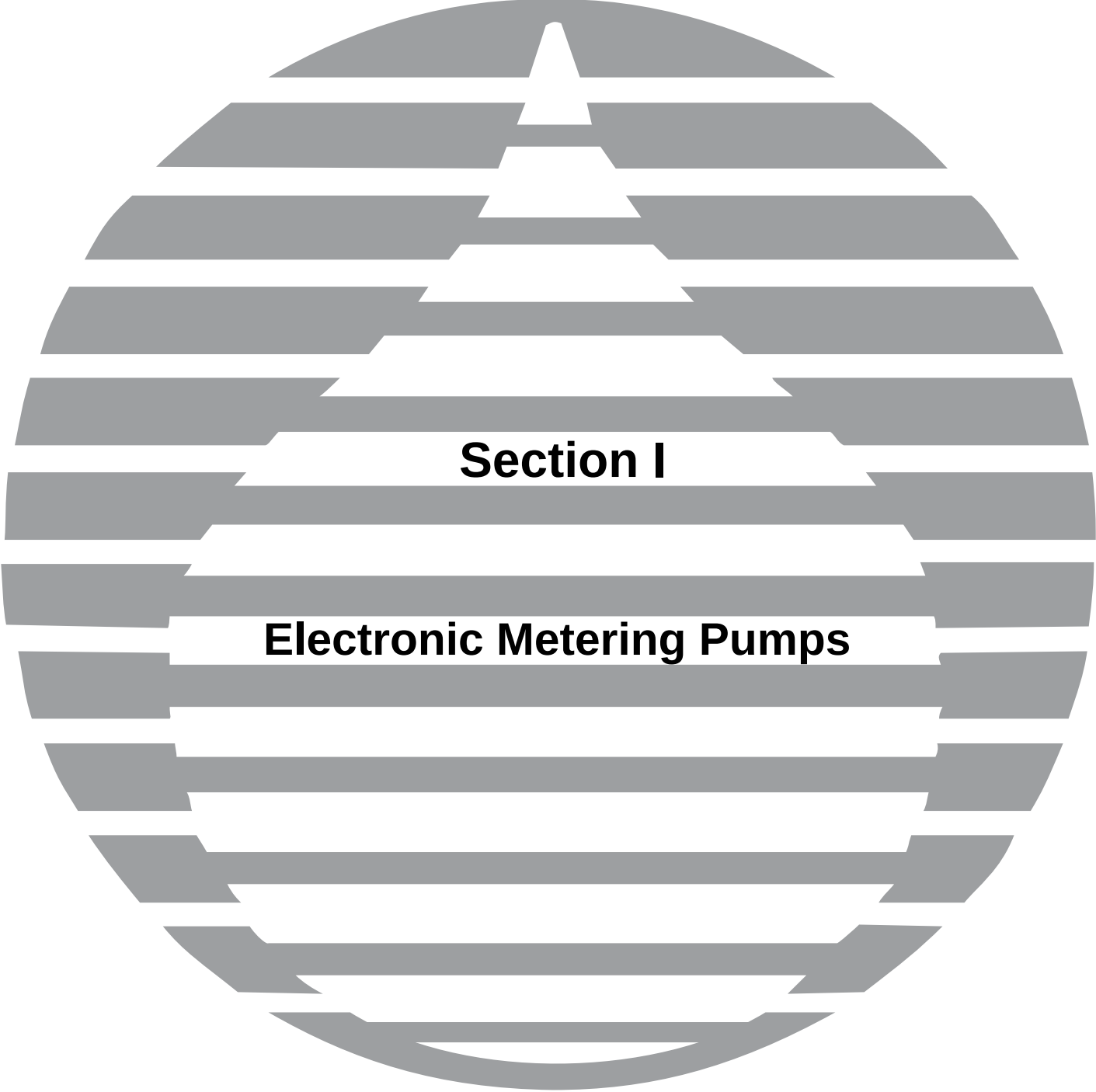
Prices subject to change without notice
* Limited by other pump components

RATINGS:**A** - Excellent**B** - Use with caution**C** - Do not use**_ (Underscore)** - Insufficient Data**Temperature** - Good up to listed temperature

Material Code	2	3	5	7	8	9	0	Note Reference
Head	PVDF	PVDF	PP	316ss	PVC	Acrylic	Acrylic	
Fittings	PVDF	PVDF	PP	316ss	PVC	PVDF	PVC	
Balls	Ceramic	Ceramic	Ceramic	316ss	Ceramic	PTFE	Ceramic	
Seats	Polyprel®	PTFE	PTFE	316ss	Polyprel®	Polyprel®	PTFE	
O-Rings	Polyprel®	PTFE	PTFE	PTFE	Polyprel®	Polyprel®	Polyprel®	#
Chemical	Liquid End Chemical Resistance Rating							
Acetic Acid 10%	C	A 220°F	A 250°F	A 250°F	C	C	C	
Acetic Acid 80%	C	A 150°F	C	C	C	C	C	
Acetic Acid Glacial	C	A 125°F	A 68°F	A 250°F	C	C	C	
Acetic Anhydride	C	C	C	A 250°F	C	C	C	
Alum (general - see specific chemical)				C		A		
Aluminum Chloride	A 230°F	A 212°F	A 212°F	A 212°F	A	A 212°F	A 212°F	
Aluminum Hydroxide				A 212°F		A 212°F		
Aluminum Sulfate		A 212°F	A 212°F	A 212°F				
Amines				A				
Amines (filming)			C	A				
Ammonia Solutions	C	C	A 250°F	A 250°F				
Ammonia, Anhydrous	C	C		A 250°F		C	C	
Ammonium Sulfate	C	A 230°F	A 250°F	A 250°F	C	C	C	
Bromine	B 125°F	A 125°F	C	C	C	C	C	
Calcium Carbonate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Calcium Chloride	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Calcium Hydroxide	A 230°F	A 212°F	A 212°F	A 212°F	A	A 212°F	A 212°F	
Calcium Hypochlorite	A 200°F	A 200°F	A 212°F	C	A	A 200°F	A 212°F	
Carbolic Acid (See Phenol)			A 250°F	A 250°F				
Carbonic Acid	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Chlorine Dioxide		B						
Chromic Acid 10%	A 175°F	A 175°F	A 250°F		A	C	C	
Chromic Acid 50% below 60°F	A 125°F	A 125°F	C	A 250°F	A	C	C	
Chromic Acid 50% to 140°F	A 125°F	A 125°F	C	C	A	C	C	
Citric Acid	A 230°F	A 212°F	A 212°F	A 212°F	A	A 212°F	A 212°F	
Copper Sulfate				A 212°F		A 212°F		
Copper Sulfate (5% Solution)	A 230°F	A 212°F		A 212°F		A 212°F		
Detergents			A 250°F		B		B 250°F	
Ethyl Acetate	C	C	C	A 250°F	C	C	C	
Ethyl Chloride	A 230°F	A 230°F	C	A 250°F	C	C	C	
Ethylene Glycol	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Ferric Chloride				C		A 230°F		8
Ferric Nitrate				A 250°F		A 230°F		
Ferric Sulfate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	1
Ferrous Chloride				C		A 230°F		
Ferrous Sulfate	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Fluosilicic Acid	C	C	C	C	C	A 230°F	C	16
Glycerine	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Hydrobromic Acid 50%				C		A 230°F		3
Hydrochloric Acid	B 230°F	B 230°F	B 250°F	C	B	A 230°F	B 250°F	6
Hydrochloric Acid- Anhydrous		B 230°F	C	C				3
Hydrofluoric Acid 30%	C	C	C	C	C	C	C	16
Hydrofluoric Acid 75%	C	C	C	C	C	C	C	16
Hydrofluoric Acid 100%	C	C	C	C	C	C	C	16
Hydrofluosilicic Acid	C	C	C	C	C	A 212°F	C	16
Hydrogen Peroxide - Consult LMI Distributor	C	A 250°F	A 250°F	C	A 250°F	C		19
Hydrogen Sulfide, Aqueous	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Iodine Solutions			C	C	C	A 150°F	C	
Isopropyl Alcohol	A 140°F	A 140°F	A 250°F	C	A	C	C	
Lactic Acid (over 60% to 100°F)	A 125°F	A 125°F	C	C	C	A 125°F	C	
Lactic Acid (to 60% to 100°F)	A 125°F	A 125°F	C	C	C	A 125°F	C	
Lime Slurries				A 212°F	C			13
Magnesium Chloride	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Magnesium Hydroxide	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	17
Magnesium Nitrate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Magnesium Sulfate				A 250°F				
Maleic Acid				A 250°F				
Malic Acid			C	A 250°F				
Methanol (Methyl Alcohol 100%)	A 230°F	A 230°F	A 250°F	A 250°F	A	C	C	
Mineral Oil	A 230°F	A 230°F	A 250°F	A 250°F	C	A 230°F	C	
Nitric Acid 10%	A 175°F	A 175°F	C	A 250°F	A	C	C	
Nitric Acid 70% to 100°F	B 125°F	A 125°F	C	C	B	C	C	
Nitric Acid Concentrated	B	A 70°F	C	A 70°F	C	C	C	
Peracetic Acid (PAA)		A	A					12
Phosphoric Acid	A 220°F	A 220°F	A 250°F	A 250°F	C	A 220°F	A 250°F	7

RATINGS:**A** - Excellent**B** - Use with caution**C** - Do not use**_ (Underscore)** - Insufficient Data**Temperature** - Good up to listed temperature

Material Code	2	3	5	7	8	9	0	Note Reference
Head	PVDF	PVDF	PP	316ss	PVC	Acrylic	Acrylic	
Fittings	PVDF	PVDF	PP	316ss	PVC	PVDF	PVC	
Balls	Ceramic	Ceramic	Ceramic	316ss	Ceramic	PTFE	Ceramic	
Seats	Polyprel®	PTFE	PTFE	316ss	Polyprel®	Polyprel®	PTFE	
O-Rings	Polyprel®	PTFE	PTFE	PTFE	Polyprel®	Polyprel®	Polyprel®	#
Chemical	Liquid End Chemical Resistance Rating							#
Phthalic Acid	—	—	—	A 250°F	C	B 200°F	C	
Potassium Bicarbonate	—	A 200°F	A 250°F	A 250°F	—	—	—	
Potassium Bromide	C	C	C	A 250°F	C	A 230°F	C	
Potassium Carbonate	—	C	C	A 250°F	—	—	—	
Potassium Chlorate	B 200°F	B 200°F	B 250°F	A 250°F	B	A 200°F	B 250°F	
Potassium Chloride	—	—	—	A 250°F	—	A 230°F	—	
Potassium Fluoride	—	—	—	A 250°F	C	—	—	
Potassium Hydroxide	A	A 250°F	A 250°F	A 250°F	A	A 250°F	A 250°F	
Potassium Nitrate	B 230°F	B 230°F	B 250°F	A 250°F	B	A 230°F	B 250°F	
Potassium Permanganate	A 230°F	A 230°F	C	A 250°F	A	A 230°F	A 250°F	1
Potassium Sulfate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Potassium Sulfide	—	A 230°F	A 250°F	A 250°F	—	—	—	
Soda Ash (See Sodium Carbonate)	—	—	—	—	—	A 230°F	—	8
Sodium Acetate	C	A 230°F	A 250°F	A 250°F	C	C	C	
Sodium Aluminate	—	—	—	A 212°F	C	—	—	1
Sodium Aluminum Sulfate (Soda Alum)	—	—	—	A	C	—	—	
Sodium Bicarbonate	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Bisulfate (to 100°F)	A 230°F	A 230°F	A 250°F	C	A	A 230°F	A 250°F	
Sodium Bisulfite (to 100°F)	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Borate (Borax)	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Carbonate (Soda Ash)	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Chlorate	—	A 230°F	A 250°F	A 250°F	—	—	—	
Sodium Chloride	—	—	A 250°F	C	A	—	A 250°F	
Sodium Cyanide	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Sodium Fluoride	C	C	C	C	C	A 230°F	C	16
Sodium Hydroxide 20% (75° to 210°F)	A	A 250°F	—	A 250°F	A	A 250°F	A 250°F	
Sodium Hydroxide 20% (to 75°F)	A	A 250°F	A 250°F	A 250°F	A	A 250°F	A 250°F	
Sodium Hydroxide 50% (75°F)	A	A 250°F	C	A 250°F	A	A 250°F	A 250°F	1
Sodium Hydroxide 50% (75° to 175°F)	A	A 250°F	—	A 250°F	A	A 250°F	A 250°F	1
Sodium Hypochlorite	A 200°F	A 200°F	C	C	A	A 200°F	A 250°F	10
Sodium Nitrate	C	A 230°F	A 250°F	A 250°F	C	C	C	
Sodium Permanganate	—	—	C	A	—	—	—	
Sodium Peroxide	—	—	—	A 250°F	C	—	—	
Sodium Polyphosphate	—	—	—	A 212°F	—	—	—	
Sodium Silicate	A	A 250°F	A 250°F	A 250°F	C	A 250°F	C	9
Sodium Sulfate	A	A 250°F	A 250°F	A 250°F	A	A 250°F	A 250°F	
Sodium Sulfide	A	A 250°F	A 250°F	A 250°F	C	—	—	
Sodium Sulfite	—	—	—	A 250°F	—	—	—	
Sulfuric Acid (40% to 95%)	A 200°F	A 200°F	C	C	B or C	C	C	2
Sulfuric Acid (95% to 100%)	A 125°F	A 125°F	C	C	B or C	C	C	2
Sulfuric Acid (up to 40%)	A 230°F	A 230°F	A 250°F	C	B or C	C	C	2
Tannic Acid	B 230°F	A 230°F	A 250°F	A 250°F	B	—	—	
Vinegar	A 230°F	A 230°F	A 250°F	A 250°F	A	A 230°F	A 250°F	
Water, Deionized	—	B 230°F	B 250°F	A 250°F	—	—	—	20
Water, Distilled	—	—	—	A	—	—	—	
Water, Fresh	A 230°F	A 230°F	—	—	—	A 230°F	—	
Water, Salt	B 230°F	B 230°F	B 250°F	A 250°F	B	A 230°F	B 250°F	
Xylene	C	A 200°F	C	A 250°F	C	C	C	
Zinc Chloride	C	C	C	C	C	A 230°F	C	
Zinc Sulfate	C	C	C	A 250°F	C	A 230°F	C	



Section I

Electronic Metering Pumps

Each LMI Metering Pump series is designed to meet user needs for specific application and installation requirements. Within each series there are a number of options for controls, liquid end designs and materials, power, and various other accessories and features.

The following price pages are presented in two groups so each can be described by the features offered:

Series PD and EXCEL™ AD - Share LMI's latest generation of FastPrime and AutoPrime liquid ends.

Series B, C, and E - Share LMI LiquiPro and Legacy generation liquid ends.

Each section has a page in the beginning that describes the features and options available.

Note: All standard plastic liquid ends are shipped with PE tubing. PE tubing is not recommended for all applications, therefore, please refer to the LMI Chemical Resistance chart for material compatibility. When PE tubing is not suitable for the application, please contact your local master distributor for alternative tubing materials.

Application Notes

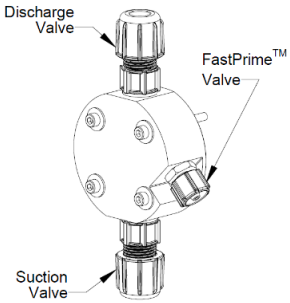
- **Off-gassing Fluids (such as Sodium Hypochlorite)** - Each pump series that offers special designs for these fluids has a separate selection table at the end of the pricing section (reference AUTOPRIME™ Liquid Ends). Pumps designed to handle these fluids are specially designed to automatically bleed a portion of the process chemical in order to eliminate gas binding of the liquid end. The pump capacity ratings take into account the continuous bleed. For applications of off-gassing liquids such as sodium hypochlorite or hydrogen peroxide, "AI" or "HI" liquid ends with AUTOPRIME™ heads or valves are recommended. An "HI" liquid end adds a 4FV to the "AI" liquid end. AUTOPRIME™ is available on PVC and Acrylic heads. A 4FV on the "HI" head enables safe pressure release of process fluid.
- **Explosion-Proof Applications** - LMI's Series E pumps are designed to operate in hazardous areas requiring explosion proof equipment.
- **High Viscosity Fluids, Polymers** - Use EXCEL™ AD Series High Viscosity Liquid End Assemblies 624xx, 626xx, 634xx, 636xx, 644xx or 646xx with corresponding size drive assembly. For B, C, E, and J pump series, use Liquid End Assemblies 20HV, 25HV, 75HV, 76HV, 85HV, or 86HV with corresponding size drive assembly. Pump output may be reduced in some applications. Also, please note that no foot valve is included with HV liquid ends.
- **Stainless Steel Liquid Ends** - Liquid End Assemblies with a "7" in the second or third position. Please note no foot valve or injection valves are included with these Stainless Steel liquid ends. 316ss liquid ends are only available in NPT connections and without 4 function valves. Separate back pressure and safety valves are available in the accessory section.
- **Accessories** - Contact your LMI distributor to discuss the variety of LMI accessories designed to make the installation and operation of your LMI pump easier and more efficient.
- **Hastelloy® C Head Screws** - are available for pumps that will be used with strong acids or other applications where Hastelloy® C will provide better results than the standard 316 S.S. head screws. Please refer to the LMI Chemical Resistance chart and to your chemical supplier for suggested materials. See head screw kits: #37144 and #38735.
- **UV Resistant Tubing** - Black UV resistant tubing kits are available as item numbers #54783, #54784, and #54793. Each UV Tubing Kit will contain (1) six foot 1/4 inch diameter bleed line and (1) sixteen foot suction/discharge line in either a 1/4 inch, 3/8 inch or 1/2 inch diameter (respectively)

SERIES PD METERING PUMPS



FastPrime™ Liquid Ends*

Output	PSI	GPH	BAR	LPH
PDx1	450	0.10	30.6	0.38
	300	0.20	20.4	0.76
	150	0.25	10.2	0.95
PDx4	250	0.35	17.0	1.32
	150	0.52	10.2	1.97
	50	0.68	3.4	2.57
PDx5	110	1.00	7.5	3.79
	30	1.10	2.0	4.20
PDx6	50	2.00	3.4	7.57



For support:



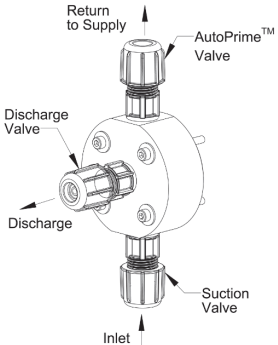
FastPrime™ Has an integral manual priming valve to facilitate quick pump start-up. Standard on PD0 and PD7 models

Control Codes

Key Features	PD0	PD7
Stroke frequency manually adjustable	✓	✓
Pulse signal input controls frequency		✓
Remote Start/Stop		✓
Low level float switch input		✓
Enhanced functionality		
• Calibration assist		
• System & user totalizer		✓
• StayPrime™ Degassing Technology		

AutoPrime™ Liquid Ends

Output	PSI	GPH	BAR	LPH
PDx4	250	0.20	17.3	0.76
	150	0.30	10.3	1.14
PDx5	110	0.75	7.6	2.8
	50	0.85	3.4	3.22
PDx6	50	1.75	3.4	6.6
	30	1.85	2.0	7.0



AutoPrime™ Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



MFV Multifunction Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

What's in the Box

PD Series units include:						PD7 units include:
Tube Connection Hardware	Quick Start Guide	Suction/Discharge & Bleed Tubing	Injection Check Valve	Foot Valve	Ceramic Weight	5-pin Control Cable

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES PD

METERING PUMP SELECTION AND PRICING

13

OUTPUT CODE 1

160 SPM Max.

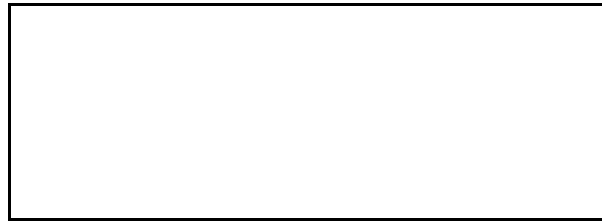
Size Code 0

0.25 GPH (0.95 LPH); 450 psi (30.6 bar)

PDx1										
Drive End									Price	
Control										
PD01 Manual Control									\$ 388	
PD71 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input									\$ 658	
	Power Code		Voltage		Frequency		Plug			
	1		Universal		50-60 HZ		110 - 120V US Plug, UL		\$ -	
	2		Universal		50-60 HZ		220 - 240V US Plug, UL		\$ -	
	3		Universal		50-60 HZ		220 - 240V DIN Plug, CE		\$ -	
	5		Universal		50-60 HZ		220 - 240V UK Plug, CE		\$ -	
	6		Universal		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -	
		Liquid End		Head	Fittings	Balls	Seat / O-Ring	Connections	RPM Kit	
		FastPrime™ Machined								
		907NP		316SS	316SS	316SS	316SS / PTFE	1/4" NPT	RPM-907	\$ 673
PD01	1	-907NP								

Pump Price
PD01 PD71
1061 1331

RPM Kit	Price	Contents
RPM-907	\$ 331	*Liquifram *Shaft Seal *Suction Check Valve *Discharge Check Valve



SERIES PD

METERING PUMP SELECTION AND PRICING

14

OUTPUT CODE 4

160 SPM Max.

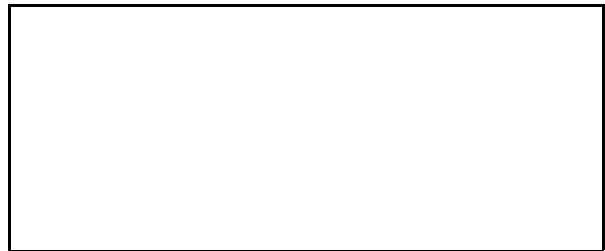
Size Code 2

0.68 GPH (2.57 LPH); 250 psi (17.0 bar)

Autoprime™ 0.20 GPH (0.76 LPH); 250 psi (17.0 bar)

PDx4									
Drive End									Price
Control									
PD04 Manual Control									\$ 388
PD74 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input									\$ 658
Power Code	Voltage	Frequency	Plug						
1	Universal	50-60 HZ	110 - 120V US Plug, UL						
2	Universal	50-60 HZ	220 - 240V US Plug, UL						
3	Universal	50-60 HZ	220 - 240V DIN Plug, CE						
5	Universal	50-60 HZ	220 - 240V UK Plug, CE						
6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug						
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit	Pump Price	
FastPrime™ Molded								PD04	PD74
822NI	PVDF	PVDF	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 372	760 1030
822SI	PVDF	PVDF	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 469	857 1127
823NI	PVDF	PVDF	Ceramic	-	PE 1/4" O.D.	PTFE	RPM-823	\$ 428	816 1086
823SI	PVDF	PVDF	Ceramic	FV	PE 1/4" O.D.	PTFE	RPM-823	\$ 525	913 1183
828NI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 298	686 956
828SI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 395	783 1053
FastPrime™ Machined									
925NI	PP	PP	Ceramic	-	PE 1/4" O.D.	PTFE	RPM-823	\$ 443	831 1101
925SI	PP	PP	Ceramic	FV	PE 1/4" O.D.	PTFE	RPM-823	\$ 540	928 1198
927NP	316SS	316SS	316SS	-	1/4" NPT	316SS / PTFE	RPM-927	\$ 690	1078 1348
928NI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 429	817 1087
928SI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 526	914 1184
929NI	Acrylic	PVDF	PTFE	-	PE 1/4" O.D.	Polyprel®	RPM-929	\$ 455	843 1113
929SI	Acrylic	PVDF	PTFE	FV	PE 1/4" O.D.	Polyprel®	RPM-929	\$ 552	940 1210
920NI	Acrylic	PVC	Ceramic	-	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 440	828 1098
920SI	Acrylic	PVC	Ceramic	FV	PE 1/4" O.D.	Polyprel®	RPM-822	\$ 537	925 1195
AutoPrime™ De-gas									
A28AI	PVC	PVC	Ceramic	-	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 513	901 1171
A28HI	PVC	PVC	Ceramic	FV	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 642	1030 1300
A20AI	Acrylic	PVC	Ceramic	-	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 524	912 1182
A20HI	Acrylic	PVC	Ceramic	FV	PE 1/4" O.D.	PTFE / Polyprel®	RPM-A20A	\$ 653	1041 1311
PD04	1	- 822NI							

RPM Kit	Price	Contents
FastPrime™		
RPM-822	\$ 180	*O Rings
RPM-823	\$ 204	*Shaft Seal
RPM-927	\$ 345	*Liquifram
RPM-929	\$ 180	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A20A	\$ 217	*FastPrime or AutoPrime Cartridge



SERIES PD

METERING PUMP SELECTION AND PRICING

15

OUTPUT CODE 5

160 SPM Max.

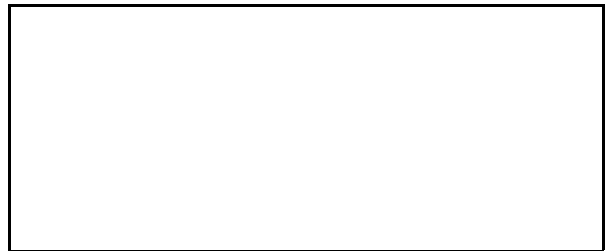
Size Code 3

1.1 GPH (4.2 LPH); 110 psi (7.5 bar)

Autoprime™ 0.75 GPH (2.84 LPH); 110 psi (7.5 bar)

PDx5									
Drive End									Price
Control									
PD05 Manual Control									\$ 388
PD75 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input									\$ 658
Power Code	Voltage	Frequency	Plug						
1	Universal	50-60 HZ	110 - 120V US Plug, UL						
2	Universal	50-60 HZ	220 - 240V US Plug, UL						
3	Universal	50-60 HZ	220 - 240V DIN Plug, CE						
5	Universal	50-60 HZ	220 - 240V UK Plug, CE						
6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug						
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit	Pump Price	
FastPrime™ Molded								PD05	PD75
832NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 372	760 1030
832SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 469	857 1127
833NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-833	\$ 428	816 1086
833SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-833	\$ 525	913 1183
838NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 298	686 956
838SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 395	783 1053
FastPrime™ Machined									
935NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-833	\$ 443	831 1101
935SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-833	\$ 540	928 1198
937NP	316SS	316SS	316SS	-	1/4" NPT	316SS / PTFE	RPM-937	\$ 690	1078 1348
938NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 429	817 1087
938SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 526	914 1184
939NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-939	\$ 455	843 1113
939SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-939	\$ 552	940 1210
930NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 440	828 1098
930SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-832	\$ 537	925 1195
AutoPrime™ De-gas									
A38AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 513	901 1171
A38HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 642	1030 1300
A30AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 524	912 1182
A30HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A30A	\$ 653	1041 1311
PD05	1	- 832NI							

RPM Kit	Price	Contents
FastPrime™		
RPM-832	\$ 187	*O Rings
RPM-833	\$ 217	*Shaft Seal
RPM-937	\$ 357	*Liquifram
RPM-939	\$ 187	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™		
RPM-A30A	\$ 231	*FastPrime or AutoPrime Cartridge



SERIES PD

METERING PUMP SELECTION AND PRICING

16

OUTPUT CODE 6

160 SPM Max.

Size Code 4

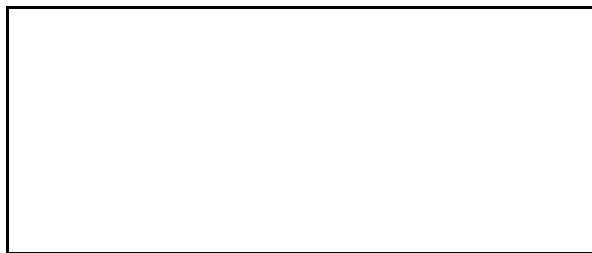
2.0 GPH (7.57 LPH); 50 psi (3.4 bar)

Autoprime™ 1.75 GPH (6.62 LPH); 50 psi (3.4 bar)

PDx6

Drive End										Price	
Control											
PD06 Manual Control										\$	388
PD76 Enhanced control with Pulse Input, Remote Stop/Start, and Tank Level Input										\$	658
Power Code	Voltage	Frequency	Plug								
1	Universal	50-60 HZ	110 - 120V US Plug, UL								\$ -
2	Universal	50-60 HZ	220 - 240V US Plug, UL								\$ -
3	Universal	50-60 HZ	220 - 240V DIN Plug, CE								\$ -
5	Universal	50-60 HZ	220 - 240V UK Plug, CE								\$ -
6	Universal	50-60 HZ	220 - 240V Aust/NZ Plug								\$ -
Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit	Pump Price			
FastPrime™ Molded								PD06	PD76		
842NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 372	760	1030	
842SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 469	857	1127	
843NI	PVDF	PVDF	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 428	816	1086	
843SI	PVDF	PVDF	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 525	913	1183	
848NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 298	686	956	
848SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 395	783	1053	
FastPrime™ Machined											
945NI	PP	PP	Ceramic	-	PE 3/8" O.D.	PTFE	RPM-843	\$ 443	831	1101	
945SI	PP	PP	Ceramic	FV	PE 3/8" O.D.	PTFE	RPM-843	\$ 540	928	1198	
947NP	316SS	316SS	316SS		1/4" NPT	316SS / PTFE	RPM-947	\$ 690	1078	1348	
948NI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 429	817	1087	
948SI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 526	914	1184	
949NI	Acrylic	PVDF	PTFE	-	PE 3/8" O.D.	Polyprel®	RPM-949	\$ 455	843	1113	
949SI	Acrylic	PVDF	PTFE	FV	PE 3/8" O.D.	Polyprel®	RPM-949	\$ 552	940	1210	
940NI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 440	828	1098	
940SI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	Polyprel®	RPM-842	\$ 537	925	1195	
AutoPrime™ De-gas											
A48AI	PVC	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 513	901	1171	
A48HI	PVC	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 642	1030	1300	
A40AI	Acrylic	PVC	Ceramic	-	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 524	912	1182	
A40HI	Acrylic	PVC	Ceramic	FV	PE 3/8" O.D.	PTFE / Polyprel®	RPM-A40A	\$ 653	1041	1311	
PD06	1	- 842NI									

RPM Kit	Price	Contents
FastPrime™		
RPM-842	\$ 192	*O Rings
RPM-843	\$ 231	*Shaft Seal
RPM-947	\$ 370	*Liquifram
RPM-949	\$ 192	*Check Valve Cartridges
AutoPrime™ De-gas		
RPM-A40A	\$ 243	*Injection Valve Cartridge
		*FastPrime or AutoPrime Cartridge



EXCEL™ AD METERING PUMPS



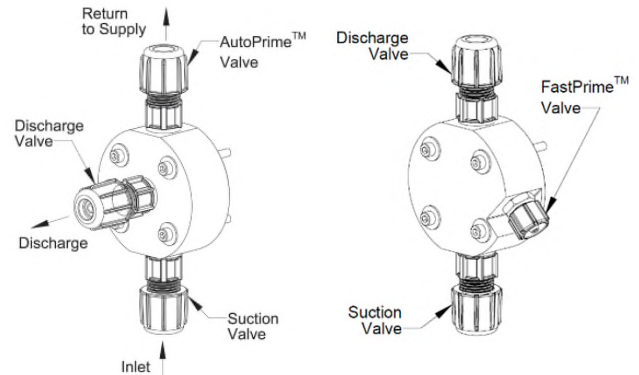
For support:



Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Excel™ AD with FastPrime™				
1	0.21	0.8	250	17.2
4	0.50	1.9	250	17.2
5	1.0	3.8	110	7.6
6	2.0	7.6	50	3.4
Excel™ AD with AutoPrime™				
1	0.15	0.6	250	17.2
4	0.33	1.2	250	17.2
5	0.80	3.0	110	7.6
6	1.80	6.8	50	3.4

Control Codes

Key Features	AD2	AD8	AD9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
Low level indication	✓	✓	✓
Display of calculated flow rate	✓	✓	✓
Pulse or 4/20 mA signal input controls frequency		✓	✓
Pulse multiply/divide functions		✓	✓
24 V output for remote device		✓	✓
Dual low-level float switch input		✓	✓
Remote on/off signal input			✓
Outputs include: 4-20mA, pulse, Alarm			✓
Remote internal/external mode input			✓
Remote alarm transfer			✓
7 Day Programmable Timer			✓



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

FastPrime™

Has an integral manual priming valve to facilitate quick pump start-up.



MFV Multifunction Valve

- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

What's in the Box

Excel AD units include:						AD9 units include:	
						Certain AD8 units include:	
Tube Connection Hardware	Quick Start Guide	Suction/Discharge Tubing	Injection Check Valve	Foot Valve	Ceramic Weight	5-pin Control Cable	6-pin Control Cable

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

EXCEL AD

METERING PUMP SELECTION AND PRICING

18

OUTPUT CODE 1

120 SPM Max.

Size Code 1

0.002 to 0.21 GPH (0.01 to 0.8 LPH); 250 psi (17.2 bar)

Autoprime™ 0.0015 to 0.15 GPH (0.006 to 0.6 LPH)

ADx1														
Drive End										Price				
Control														
AD21 Dual Manual Control (dual power supply)										\$	857			
AD81 Pulse/Analog Input w/ Dual Manual Control (universal power supply)										\$	1,107			
AD91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)										\$	1,397			
	Power Code		Voltage		Frequency		Plug							
	1		Dual or Universal		50-60 HZ		110 - 120V US Plug			\$	-			
	2		Dual or Universal		50-60 HZ		220 - 240V US Plug			\$	-			
	3		Dual or Universal		50-60 HZ		220 - 240V DIN Plug			\$	-			
	5		Dual or Universal		50-60 HZ		220 - 240V UK Plug			\$	-			
	6		Dual or Universal		50-60 HZ		220 - 240V Aust/NZ Plug			\$	-			
											Pump Price			
		Liquid End	Head	Fittings	Balls	Function Valve	Connections	Seat / O-Ring	RPM Kit		AD21	AD81	AD91	
	FastPrime™ Machined													
	910NI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	423	1280	1530	1820	
	910SI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	520	1377	1627	1917	
	915NI	PP	PP	Ceramic	-	PE ¼" O.D.	PTFE	RPM-813	\$	426	1283	1533	1823	
	915SI	PP	PP	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-813	\$	523	1380	1630	1920	
	918NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	412	1269	1519	1809	
	918SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	509	1366	1616	1906	
	919NI	Acrylic	PVDF	PTFE	-	PE ¼" O.D.	Polyprel®	RPM-919	\$	438	1295	1545	1835	
	919SI	Acrylic	PVDF	PTFE	FV	PE ¼" O.D.	Polyprel®	RPM-919	\$	535	1392	1642	1932	
	917NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-917	\$	673	1530	1780	2070	
	FastPrime™ Molded													
	812NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	355	1212	1462	1752	
	812SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	452	1309	1559	1849	
	813NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE	RPM-813	\$	411	1268	1518	1808	
	813SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-813	\$	508	1365	1615	1905	
	818NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	281	1138	1388	1678	
	818SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-812	\$	378	1235	1485	1775	
	AutoPrime™ De-gas													
	A10AI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$	507	1364	1614	1904	
A10HI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$	636	1493	1743	2033		
A18AI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$	496	1353	1603	1893		
A18HI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A10A	\$	625	1482	1732	2022		
AD21	1	- 910NI												

RPM Kit	Price		Contents
FastPrime™			*O Rings *Shaft Seal *Liquifram *Check Valve Cartridges *Injection Valve Cartridge *FastPrime or AutoPrime Cartridge
RPM-812	\$	174	
RPM-813	\$	192	
RPM-919	\$	174	
RPM-917	\$	331	
RPM-812	\$	174	
RPM-813	\$	192	
AutoPrime™ De-gas			
RPM-A10A	\$	204	



EXCEL AD

METERING PUMP SELECTION AND PRICING

19

OUTPUT CODE 4

120 SPM Max.

Size Code 2

0.005 to 0.5 GPH (0.02 to 1.9 LPH); 250 psi (17.2 bar)

Autoprime™ 0.0033 to 0.33 GPH (0.012 to 1.2 LPH)

ADx4

Drive End										Price				
Control														
AD24 Dual Manual Control (dual power supply)										\$	857			
AD84 Pulse/Analog Input w/ Dual Manual Control (universal power supply)										\$	1,107			
AD94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)										\$	1,397			
		Power Code		Voltage		Frequency		Plug						
		1		Dual or Universal		50-60 HZ		110 - 120V US Plug		\$	-			
		2		Dual or Universal		50-60 HZ		220 - 240V US Plug		\$	-			
		3		Dual or Universal		50-60 HZ		220 - 240V DIN Plug		\$	-			
		5		Dual or Universal		50-60 HZ		220 - 240V UK Plug		\$	-			
		6		Dual or Universal		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-			
			Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Seat / O-Ring	RPM Kit	Pump Price			
												AD24	AD84	AD94
		FastPrime™ Machined												
		920NI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	440	1297	1547	1837
		920SI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	537	1394	1644	1934
		925NI	PP	PP	Ceramic	-	PE ¼" O.D.	PTFE	RPM-823	\$	443	1300	1550	1840
		925SI	PP	PP	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-823	\$	540	1397	1647	1937
		928NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	429	1286	1536	1826
		928SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	526	1383	1633	1923
		929NI	Acrylic	PVDF	PTFE	-	PE ¼" O.D.	Polyprel®	RPM-929	\$	455	1312	1562	1852
		929SI	Acrylic	PVDF	PTFE	FV	PE ¼" O.D.	Polyprel®	RPM-929	\$	552	1409	1659	1949
		927NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-927	\$	690	1547	1797	2087
		FastPrime™ Molded												
		822NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	372	1229	1479	1769
		822SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	469	1326	1576	1866
		823NI	PVDF	PVDF	Ceramic	-	PE ¼" O.D.	PTFE	RPM-823	\$	428	1285	1535	1825
		823SI	PVDF	PVDF	Ceramic	FV	PE ¼" O.D.	PTFE	RPM-823	\$	525	1382	1632	1922
		828NI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	298	1155	1405	1695
		828SI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-822	\$	395	1252	1502	1792
		AutoPrime™ De-gas												
		A20AI	Acrylic	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$	524	1381	1631	1921
		A20HI	Acrylic	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$	653	1510	1760	2050
		A28AI	PVC	PVC	Ceramic	-	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$	513	1370	1620	1910
		A28HI	PVC	PVC	Ceramic	FV	PE ¼" O.D.	PTFE/Polyprel®	RPM-A20A	\$	642	1499	1749	2039
		High Viscosity												
		624VI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-624	\$	534	1391	1641	1931
624PI		PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-624	\$	569	1426	1676	1966	
626VI		Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-626	\$	531	1388	1638	1928	
AD21	1	- 920NI												

RPM Kit	Price	Contents
FastPrime™		
RPM-822	\$ 180	*O Rings
RPM-823	\$ 204	*Shaft Seal
RPM-929	\$ 180	*Liquifram
RPM-927	\$ 345	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A20A	\$ 217	*FastPrime or AutoPrime Cartridge
High Viscosity		
RPM-624	\$ 167	*Clamp Rings *Liquifram
RPM-626	\$ 167	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



EXCEL AD

METERING PUMP SELECTION AND PRICING

20

OUTPUT CODE 5

120 SPM Max.

Size Code 3

0.01 to 1.0 GPH (0.04 to 3.8 LPH); 110 psi (7.6 bar)

Autoprime™ 0.008 to 0.8 GPH (0.03 to 3.0 LPH)

ADx5

Drive End									Price						
Control															
AD25 Dual Manual Control (dual power supply)									\$	856					
AD85 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$	1,106					
AD95 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$	1,396					
		Power Code		Voltage		Frequency		Plug							
		1		Dual or Universal		50-60 HZ		110 - 120V US Plug		\$	-				
		2		Dual or Universal		50-60 HZ		220 - 240V US Plug		\$	-				
		3		Dual or Universal		50-60 HZ		220 - 240V DIN Plug		\$	-				
		5		Dual or Universal		50-60 HZ		220 - 240V UK Plug		\$	-				
		6		Dual or Universal		50-60 HZ		220 - 240V Aust/NZ Plug		\$	-				
			Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Seat / O-Ring	RPM Kit	Pump Price				
												AD25	AD85	AD95	
			FastPrime™ Machined												
			930NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	440	1296	1546	1836
			930SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	537	1393	1643	1933
			935NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-833	\$	443	1299	1549	1839
			935SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-833	\$	540	1396	1646	1936
			938NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	429	1285	1535	1825
			938SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	526	1382	1632	1922
			939NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	Polyprel®	RPM-939	\$	455	1311	1561	1851
			939SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	Polyprel®	RPM-939	\$	552	1408	1658	1948
			937NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-937	\$	690	1546	1796	2086
			FastPrime™ Molded												
			832NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	372	1228	1478	1768
			832SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	469	1325	1575	1865
			833NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PTFE	RPM-833	\$	428	1284	1534	1824
			833SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-833	\$	525	1381	1631	1921
			838NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	298	1154	1404	1694
			838SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-832	\$	395	1251	1501	1791
			AutoPrime™ De-gas												
			A30AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-A30A	\$	524	1380	1630	1920
			A30HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-A30A	\$	653	1509	1759	2049
			A38AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-A30A	\$	513	1369	1619	1909
			A38HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-A30A	\$	642	1498	1748	2038
			High Viscosity												
			634VI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-634	\$	534	1390	1640	1930
634PI			PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-634	\$	569	1425	1675	1965	
636VI			Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-636	\$	531	1387	1637	1927	
AD21	1	- 930NI													

RPM Kit	Price	Contents
FastPrime™		
RPM-832	\$ 187	*O Rings
RPM-833	\$ 217	*Shaft Seal
RPM-939	\$ 187	*Liquifram
RPM-937	\$ 357	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A30A	\$ 231	*FastPrime or AutoPrime Cartridge
High Viscosity		
RPM-634	\$ 180	*Clamp Rings *Liquifram
RPM-636	\$ 180	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



EXCEL AD

METERING PUMP SELECTION AND PRICING

21

OUTPUT CODE 6

120 SPM Max.

Size Code 4

0.02 to 2.0 GPH (0.08 to 7.6 LPH); 50 psi (3.4 bar)

Autoprime™ 0.018 to 1.8 GPH (0.068 to 6.8 LPH)

ADx6									
Drive End									Price
Control									
AD26 Dual Manual Control (dual power supply)									\$ 901
AD86 Pulse/Analog Input w/ Dual Manual Control (universal power supply)									\$ 1,151
AD96 Pulse/Analog Input w/ Dual Manual Control - Advanced Features (universal power supply)									\$ 1,441
Power Code	Voltage	Frequency	Plug						
1	Dual or Universal	50-60 HZ	110 - 120V US Plug						
2	Dual or Universal	50-60 HZ	220 - 240V US Plug						
3	Dual or Universal	50-60 HZ	220 - 240V DIN Plug						
5	Dual or Universal	50-60 HZ	220 - 240V UK Plug						
6	Dual or Universal	50-60 HZ	220 - 240V Aust/NZ Plug						
									Pump Price
Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Seat / O-Ring	RPM Kit		AD26 AD86 AD96
FastPrime™ Machined									
940NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 440	1341 1591 1881
940SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 537	1438 1688 1978
945NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-843	\$ 443	1344 1594 1884
945SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-843	\$ 540	1441 1691 1981
948NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 429	1330 1580 1870
948SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 526	1427 1677 1967
949NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	Polyprel®	RPM-939	\$ 455	1356 1606 1896
949SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	Polyprel®	RPM-939	\$ 552	1453 1703 1993
947NP	316SS	316SS	316SS	-	¼" NPT	316SS/PTFE	RPM-947	\$ 690	1591 1841 2131
FastPrime™ Molded									
842NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 372	1273 1523 1813
842SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 469	1370 1620 1910
843NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PTFE	RPM-843	\$ 428	1329 1579 1869
843SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-843	\$ 525	1426 1676 1966
848NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 298	1199 1449 1739
848SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-842	\$ 395	1296 1546 1836
AutoPrime™ De-gas									
A40AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 524	1425 1675 1965
A40HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 653	1554 1804 2094
A48AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 513	1414 1664 1954
A48HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PTFE/Polyprel®	RPM-A40A	\$ 642	1543 1793 2083
High Viscosity									
644VI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-644	\$ 534	1435 1685 1975
644PI	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-644	\$ 569	1470 1720 2010
646VI	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	RPM-646	\$ 531	1432 1682 1972
AD21	1	- 940NI							

RPM Kit	Price	Contents
FastPrime™		
RPM-842	\$ 192	*O Rings
RPM-843	\$ 231	*Shaft Seal
RPM-949	\$ 192	*Liquifram
RPM-947	\$ 370	*Check Valve Cartridges
		*Injection Valve Cartridge
AutoPrime™ De-gas		
RPM-A40A	\$ 243	*FastPrime or AutoPrime Cartridge
High Viscosity		
RPM-644	\$ 192	*Clamp Rings *Liquifram
RPM-646	\$ 192	*Seal Ring Seats *Balls, Springs
		*Shaft Seal



SERIES B METERING PUMPS



For support:



Control Codes

Key Features	B1	B7	B9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with alarm*			✓

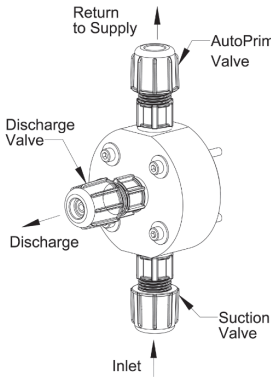
*Available with LMI Digi-Pulse™ Flow Monitor



MFV Multifunction Valve

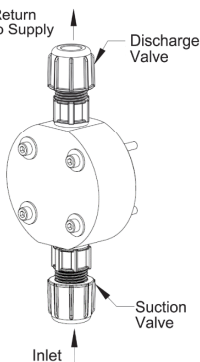
- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series B with Liquipro™				
1	1.6	6.1	150	10.3
2	2.5	9.5	100	6.9
3	4.5	17.0	50	3.4
4	7.0	26.5	30	2.07
Series B with AutoPrime™				
1	1.4	5.3	150	10.3
2	2.3	8.7	100	6.9
3	4.0	15.1	50	3.4
4	6.8	25.7	30	2.07



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



Liquipro™

Standard Liquid End suitable for most applications

What's in the Box

Series B units include:						B9 units include:	
						B7x3, B7x5, B7x6 units include:	
Tube Connection Hardware	Quick Start Guide	Suction/Discharge Tubing	Injection Check Valve	Foot Valve	Ceramic Weight	4-pin Control Cable	8-pin Control Cable

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES B PUMP SELECTION AND PRICING

23

OUTPUT CODE 1

100 SPM Max.

Size Code 0.9

0.0 - 1.6 GPH (0.0 - 6.1 LPH); 150 psi (10.3 bar)

De-gas estimated at 0.00 to 1.4 GPH (0.00 to 5.3 LPH)

Bx1												
Drive End Control									Price			
B11 Dual Manual Control									\$ 1,128			
B71 Pulse Input w/ Dual Manual Control									\$ 1,267			
B91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,708			
	Power Code		Voltage		Frequency		Plug					
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -			
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -			
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -			
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -			
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -			
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price		
										B11	B71	B91
	Liquipro™ Molded											
	392NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 386	1514	1653	2094
	392SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 483	1611	1750	2191
	393NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$ 445	1573	1712	2153
	393SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$ 542	1670	1809	2250
	398NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 306	1434	1573	2014
	398SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 403	1531	1670	2111
	Liquipro™ Machined											
	490NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 449	1577	1716	2157
	490SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 546	1674	1813	2254
	495NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-495	\$ 452	1580	1719	2160
	495SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-495	\$ 549	1677	1816	2257
	498NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 438	1566	1705	2146
	498SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 535	1663	1802	2243
	499NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$ 466	1594	1733	2174
	499SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$ 563	1691	1830	2271
	Legacy LMI											
	85HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-85HV	\$ 560	1688	1827	2268
	86HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-86	\$ 560	1688	1827	2268
	297	316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$ 705	1833	1972	2413
	Liquipro™ De-gas											
	D90AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 536	1664	1803	2244
	D90HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 664	1792	1931	2372
	D98AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 525	1653	1792	2233
	D98HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 653	1781	1920	2361
	B11	1	- 392NI									

RPM Kit	Price	Contents
Liquipro™		
RPM-392/398	\$ 180	*O-Rings *Shaft Seal *Hardware kit
RPM-393	\$ 204	*Liquifram
RPM-495	\$ 187	*Check Valve *Injection Valve
RPM-490F	\$ 187	Cartridges Cartridge
LMI		
SP-85HV	\$ 204	*Shaft Seal *Seal Ring Seats *Liquifram
SP-86	\$ 192	*Balls & springs *Clamp rings
Liquipro™ De-gas		
RPM-D98	\$ 217	*O Rings *Shaft Seal *Check Valve Cartridges *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

24

OUTPUT CODE 2

100 SPM Max.

Size Code 0.9

0.0 - 2.5 GPH (0.0 - 9.5 LPH); 100 psi (6.9 bar)

De-gas estimated at 0.00 to 2.3 GPH (0.00 to 8.7 LPH)

Bx2												
Drive End Control									Price			
B12 Dual Manual Control									\$ 1,128			
B72 Pulse Input w/ Dual Manual Control									\$ 1,267			
B92 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,708			
	Power Code		Voltage		Frequency		Plug					
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -			
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -			
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -			
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -			
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -			
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price		
										B12	B72	B92
	Liquipro™ Molded											
	392NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 386	1514	1653	2094
	392SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 483	1611	1750	2191
	393NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$ 445	1573	1712	2153
	393SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-393	\$ 542	1670	1809	2250
	398NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 306	1434	1573	2014
	398SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 403	1531	1670	2111
	Liquipro™ Machined											
	490NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 449	1577	1716	2157
	490SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 546	1674	1813	2254
	495NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-495	\$ 452	1580	1719	2160
	495SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-495	\$ 549	1677	1816	2257
	498NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 438	1566	1705	2146
	498SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-392/398	\$ 535	1663	1802	2243
	499NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$ 466	1594	1733	2174
	499SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-490F	\$ 563	1691	1830	2271
	Legacy LMI											
	85HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-85HV	\$ 560	1688	1827	2268
	86HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-86	\$ 560	1688	1827	2268
	297	316SS	316SS	316SS	-	Pipe ¼ NPT M	316SS	-	\$ 705	1833	1972	2413
	Liquipro™ De-gas											
	D90AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 536	1664	1803	2244
	D90HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 664	1792	1931	2372
	D98AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 525	1653	1792	2233
	D98HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D98	\$ 653	1781	1920	2361
B11	1	- 392NI										

RPM Kit	Price		Contents	
Liquipro™				
RPM-392/398	\$	180	*O-Rings	*Hardware kit
RPM-393	\$	204	*Shaft Seal	*Liquifram
RPM-495	\$	187	*Check Valve	*Injection Valve
RPM-490F	\$	187	Cartridges	Cartridge
LMI				
SP-85HV	\$	204	*Shaft Seal	*Liquifram
SP-86	\$	192	*Seal Ring Seats	*Clamp rings
			*Balls & springs	
Liquipro™ De-gas				
RPM-D98	\$	217	*O Rings	*Check Valve Cartridges
			*Shaft Seal	*Injection Valve Cartridge
			*Liquifram	*AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

25

OUTPUT CODE 3

100 SPM Max.

Size Code 1.8

0.0 - 4.5 GPH (0.0 - 17 LPH); 50 psi (3.4 bar)

De-gas estimated at 0.00 to 4.0 GPH (0.00 to 15.1 LPH)

Bx3														
Drive End Control									Price					
B13 Dual Manual Control									\$ 1,128					
B73 Pulse Input w/ Dual Manual Control									\$ 1,267					
B93 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,708					
	Power Code		Voltage		Frequency		Plug							
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -					
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -					
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -					
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -					
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -					
			Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price			
											B13	B73	B93	
			Liquipro™ Molded											
			362NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 386	1514	1653	2094
			362SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 483	1611	1750	2191
			363NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$ 445	1573	1712	2153
			363SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$ 542	1670	1809	2250
			368NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 306	1434	1573	2014
			368SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 403	1531	1670	2111
			Liquipro™ Machined											
			460NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 449	1577	1716	2157
			460SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 546	1674	1813	2254
			465NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-465	\$ 452	1580	1719	2160
			465SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-465	\$ 549	1677	1816	2257
			468NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 438	1566	1705	2146
			468SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 535	1663	1802	2243
			469NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-460F	\$ 466	1594	1733	2174
			469SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-460F	\$ 563	1691	1830	2271
			Legacy LMI											
			75HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$ 560	1688	1827	2268
			76HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-76	\$ 560	1688	1827	2268
			277	316SS	316SS	316SS	-	Pipe ¾ NPT M	316SS	-	\$ 705	1833	1972	2413
			Liquipro™ De-gas											
			D60AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 536	1664	1803	2244
		D60HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 664	1792	1931	2372	
		D68AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 525	1653	1792	2233	
		D68HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 653	1781	1920	2361	
B13	1	- 362NI												

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 187	*O-Rings *Shaft Seal *Hardware kit
RPM-363	\$ 217	*Liquifram
RPM-465	\$ 198	*Check Valve *Injection Valve
RPM-460F	\$ 198	Cartridges Cartridge
LMI		
SP-75HV	\$ 204	*Shaft Seal *Seal Ring Seats *Liquifram
SP-76	\$ 192	*Balls & springs *Clamp rings
Liquipro™ De-gas		
RPM-D68	\$ 231	*O Rings *Shaft Seal *Check Valve Cartridges *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge



SERIES B PUMP SELECTION AND PRICING

26

OUTPUT CODE 4

100 SPM Max.

Size Code 3.0

0.0 - 7.0 GPH (0.0 - 26.5 LPH); 30 psi (2.07 bar)

De-gas estimated at 0.00 to 6.8 GPH (0.00 to 25.7 LPH)

Bx4													
Drive End Control									Price				
B14 Dual Manual Control									\$ 1,206				
B74 Pulse Input w/ Dual Manual Control									\$ 1,345				
B94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 1,786				
	Power Code		Voltage		Frequency		Plug						
	1		110/120V		50-60 HZ		110 - 120V US Plug	\$ -					
	2		220/240V		50-60 HZ		220 - 240V US Plug	\$ -					
	3		220/240V		50-60 HZ		220 - 240V DIN Plug	\$ -					
	5		220/240V		50-60 HZ		220 - 240V UK Plug	\$ -					
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug	\$ -					
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price			
		Liquipro™ Molded								B14	B74	B94	
		312NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 529	1735	1874	2315
		312SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 626	1832	1971	2412
		313NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 588	1794	1933	2374
		313SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 685	1891	2030	2471
		318NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 449	1655	1794	2235
		318SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 546	1752	1891	2332
		Liquipro™ Machined											
		410NI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 592	1798	1937	2378
		410SI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 689	1895	2034	2475
		415NI	PP	PP	Ceramic	-	PE ½" O.D.	PTFE	RPM-415	\$ 595	1801	1940	2381
		415SI	PP	PP	Ceramic	FV	PE ½" O.D.	PTFE	RPM-415	\$ 692	1898	2037	2478
		418NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 581	1787	1926	2367
		418SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 678	1884	2023	2464
		419NI	Acrylic	PVDF	PTFE	-	PE ½" O.D.	PVDF / Polyprel®	RPM-410F	\$ 609	1815	1954	2395
		419SI	Acrylic	PVDF	PTFE	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-410F	\$ 706	1912	2051	2492
		Legacy LMI											
		217	316SS	316SS	316SS	-	Pipe ¼" NPT M	316SS	-	\$ 848	2054	2193	2634
		Liquipro™ De-gas											
		D10AI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D98	\$ 679	1885	2024	2465
		D10HI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D98	\$ 807	2013	2152	2593
		D18AI	PVC	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D98	\$ 668	1874	2013	2454
		D18HI	PVC	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D98	\$ 796	2002	2141	2582
	B13	1	- 312NI										

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 192	*O-Rings
		*Shaft Seal
RPM-313	\$ 231	*Check Valve Cartridges
RPM-415	\$ 212	*Hardware kit
RPM-410F	\$ 212	*Liquifram
		*Injection Valve Cartridge
Liquipro™ De-gas		
RPM-D18	\$ 243	*O Rings
		*Check Valve Cartridges
		*Shaft Seal
		*Injection Valve Cartridge
		*Liquifram
		*AutoPrime Cartridge

NOTE: Liquipro™ Liquid Ends use 3/8" diameter valve balls. Pump output may be reduced in some applications.

SERIES C METERING PUMPS



For support:



Control Codes

Key Features	C1	C7	C9
Stroke length manually adjustable	✓	✓	✓
Stroke frequency manually adjustable	✓	✓	✓
External control via pulse input		✓	✓
Manual/External mode selection		✓	✓
LCD and 4-key tactile keypad			✓
External control via 4-20mA			✓
Divide/Multiply incoming pulses			✓
Flow monitoring with alarm*			✓

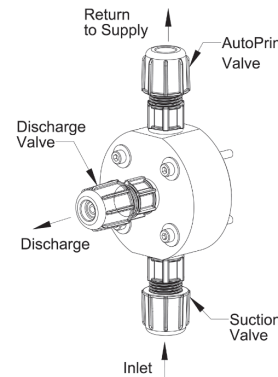
*Available with LMI Digi-Pulse™ Flow Monitor



MFV Multifunction Valve

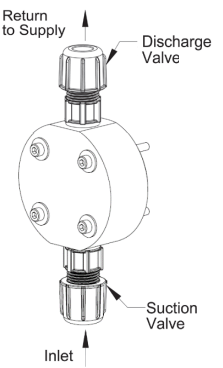
- This diaphragm type, anti-syphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series C with Liquipro™				
0	1.3	4.9	300	20.7
1	2.5	9.5	150	10.3
2	4.0	15.1	100	6.9
3	8.0	30.3	60	4.1
4	20.0	75.7	25	1.7
6	4.0	15.1	175	12.1
7	10.0	38.0	80	5.5
8	25.0	95.0	30	2.07
Series C with AutoPrime™				
1	2.3	8.7	150	10.3
2	3.8	14.4	100	6.9
3	7.8	29.5	60	4.1



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.

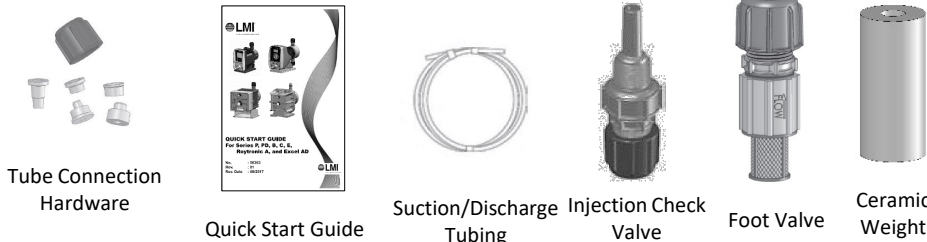


Liquipro™

Standard Liquid End suitable for most applications

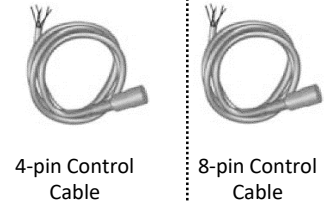
What's in the Box

Series C units include:



C9 units include:

C7x3, C7x5, C7x6 units include:



Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES C PUMP SELECTION AND PRICING

28

OUTPUT CODE 0

100 SPM Max.

Size Code 0.9

0.0 - 1.3 GPH (0.0 - 4.9 LPH); 300 psi (20.7 bar)

Cx0									
Drive End									Price
Control									
C10 Dual Manual Control									\$ 1,606
C70 Pulse Input w/ Dual Manual Control									\$ 1,737
C90 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 2,194
Power Code	Voltage	Frequency	Plug						
1	110/120V	50-60 HZ	110 - 120V US Plug						
2	220/240V	50-60 HZ	220 - 240V US Plug						
3	220/240V	50-60 HZ	220 - 240V DIN Plug						
5	220/240V	50-60 HZ	220 - 240V UK Plug						
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug						
									Pump Price
Liquid End	Valve	Head	Fittings	Balls	Seal Ring	Tubing & Connections	RPM Kit		C10 C70 C90
Liquipro™ Machine									
498SP	FV	PVC	PVC	Ceramic	PVDF/Polyprel®	Pipe ½" NPT M	RPM-392/398	\$ 535	2141 2272 2729
Legacy LMI									
297	-	316SS	316SS	316SS	316SS	Pipe ¾" NPT M	-	\$ 705	2311 2442 2899
C10	1	-498SP							

RPM Kit	Price	Contents
Liquipro™		*O-Rings
RPM-392/398	\$ 180	*Shaft Seal
		*Check Valve Cartridges
		*Hardware kit
		*Liquifram



SERIES C PUMP SELECTION AND PRICING

29

OUTPUT CODE 1

100 SPM Max.

Size Code 1.8

0.0 - 2.5 GPH (0.0 - 9.5 LPH); 150 psi (10.3 bar)

De-gas estimated at 0.00 to 2.3 GPH (0.00 to 8.7 LPH)

Cx1											
Drive End									Price		
Control											
C11 Dual Manual Control									\$ 1,606		
C71 Pulse Input w/ Dual Manual Control									\$ 1,737		
C91 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 2,194		
C11	Power Code		Voltage		Frequency		Plug				
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -		
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -		
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -		
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -		
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -		
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit		
		Liquipro™ Molded									
		362NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 386	
		362SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$ 483	
		363NI	PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$ 445	
		363SI	PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$ 542	
		368NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 306	
		368SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 403	
		Liquipro™ Machined									
		460NI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 449	
		460SI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 546	
		465NI	PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-465	\$ 452	
		465SI	PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-465	\$ 549	
		468NI	PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 438	
		468SI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$ 535	
		469NI	Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-460F	\$ 466	
		469SI	Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-460F	\$ 563	
		Legacy LMI									
		75HV	PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$ 560	
		76HV	Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-76	\$ 560	
		277	316SS	316SS	316SS	-	Pipe ¾" NPT M	316SS	-	\$ 705	
		Liquipro™ De-gas									
		D60AI	Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 536	
		D60HI	Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 664	
		D68AI	PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 525	
		D68HI	PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$ 653	
	C11	1	-362SI								

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 187	*O-Rings *Shaft Seal
RPM-363	\$ 217	*Check Valve Cartridges
RPM-465	\$ 198	*Hardware kit
RPM-460F	\$ 198	*Liquifram
Legacy LMI		
SP-75HV	\$ 204	*Shaft Seal *Liquifram *Seal Ring Seats *Clamp rings
SP-76	\$ 192	*Balls & springs
Liquipro™ De-gas		
RPM-D68	\$ 231	*O Rings *Check Valve Cartridges *Shaft Seal *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge



SERIES C PUMP SELECTION AND PRICING

30

OUTPUT CODE 2

100 SPM Max.

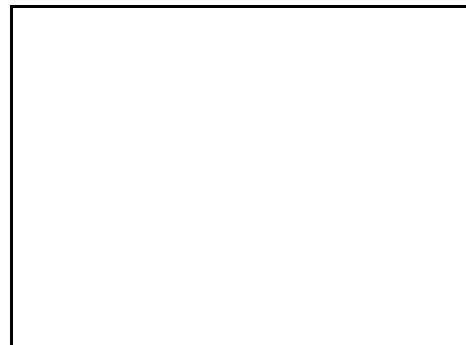
Size Code 1.8

0.0 - 4.0 GPH (0.0 - 15.1 LPH); 100 psi (6.9 bar)

De-gas estimated at 0.00 to 3.8 GPH (0.00 to 14.4 LPH)

Cx2														
Drive End Control									Price					
C12 Dual Manual Control									\$	1,606				
C72 Pulse Input w/ Dual Manual Control									\$	1,737				
C92 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$	2,194				
	Power Code		Voltage		Frequency		Plug							
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -					
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -					
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -					
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -					
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -					
										Pump Price				
	Liquid End		Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit					
	Liquipro™ Molded									C12 C72 C92				
	362NI		PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	386	1992	2123	2580
	362SI		PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / Polyprel®	RPM-362/368	\$	483	2089	2220	2677
	363NI		PVDF	PVDF	Ceramic	-	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	445	2051	2182	2639
	363SI		PVDF	PVDF	Ceramic	FV	PE ¾" O.D.	PVDF / PTFE	RPM-363	\$	542	2148	2279	2736
	368NI		PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	306	1912	2043	2500
	368SI		PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	403	2009	2140	2597
	Liquipro™ Machined													
	460NI		Acrylic	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	449	2055	2186	2643
	460SI		Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	546	2152	2283	2740
	465NI		PP	PP	Ceramic	-	PE ¾" O.D.	PTFE	RPM-465	\$	452	2058	2189	2646
	465SI		PP	PP	Ceramic	FV	PE ¾" O.D.	PTFE	RPM-465	\$	549	2155	2286	2743
	468NI		PVC	PVC	Ceramic	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	438	2044	2175	2632
	468SI		PVC	PVC	Ceramic	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-362/368	\$	535	2141	2272	2729
	469NI		Acrylic	PVDF	PTFE	-	PE ¾" O.D.	PVDF/ Polyprel®	RPM-460F	\$	466	2072	2203	2660
	469SI		Acrylic	PVDF	PTFE	FV	PE ¾" O.D.	PVDF/ Polyprel®	RPM-460F	\$	563	2169	2300	2757
	Legacy LMI													
	75HV		PP	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	PTFE	SP-75HV	\$	560	2166	2297	2754
	76HV		Acrylic	PP	316SS	-	PE ½" OD / Vinyl 0.938" OD	FKM	SP-76	\$	560	2166	2297	2754
	277		316SS	316SS	316SS	-	Pipe 1/4" NPT M	316SS	-	\$	705	2311	2442	2899
	Liquipro™ De-gas													
	D60AI		Acrylic	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	536	2142	2273	2730
	D60HI		Acrylic	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	664	2270	2401	2858
	D68AI		PVC	PVC	Ceramic	-	PE ¾" O.D.	Polyprel®	RPM-D68	\$	525	2131	2262	2719
	D68HI		PVC	PVC	Ceramic	FV	PE ¾" O.D.	Polyprel®	RPM-D68	\$	653	2259	2390	2847
C11	1	-362SI												

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 187	*O-Rings *Shaft Seal
RPM-363	\$ 217	*Check Valve Cartridges
RPM-465	\$ 198	*Hardware kit
RPM-460F	\$ 198	*Liquifram
Legacy LMI		
SP-75HV	\$ 204	*Shaft Seal *Liquifram *Seal Ring Seats *Clamp rings
SP-76	\$ 192	*Balls & springs
Liquipro™ De-gas		
RPM-D68	\$ 231	*O Rings *Check Valve Cartridges *Shaft Seal *Injection Valve Cartridge *Liquifram *AutoPrime Cartridge



SERIES C PUMP SELECTION AND PRICING

31

OUTPUT CODE 3

100 SPM Max.

Size Code 3.0

0.0 - 8.0 GPH (0.0 - 30.3 LPH); 60 psi (4.1 bar)

De-gas estimated at 0.00 to 7.8 GPH (0.00 to 29.5 LPH)

Cx3														
Drive End									Price					
Control														
C13 Dual Manual Control									\$ 1,606					
C73 Pulse Input w/ Dual Manual Control									\$ 1,737					
C93 Pulse/Analog Input w/ Dual Manual Control - Advanced Features									\$ 2,194					
	Power Code		Voltage		Frequency		Plug							
	1		110/120V		50-60 HZ		110 - 120V US Plug		\$ -					
	2		220/240V		50-60 HZ		220 - 240V US Plug		\$ -					
	3		220/240V		50-60 HZ		220 - 240V DIN Plug		\$ -					
	5		220/240V		50-60 HZ		220 - 240V UK Plug		\$ -					
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug		\$ -					
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit		Pump Price			
											C13	C73	C93	
		Liquipro™ Molded												
		312NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 529	2135	2266	2723	
		312SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / Polyprel®	RPM-312/318	\$ 626	2232	2363	2820	
		313NI	PVDF	PVDF	Ceramic	-	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 588	2194	2325	2782	
		313SI	PVDF	PVDF	Ceramic	FV	PE ½" O.D.	PVDF / PTFE	RPM-313	\$ 685	2291	2422	2879	
		318NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 449	2055	2186	2643	
		318SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 546	2152	2283	2740	
		Liquipro™ Machined												
		410NI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 592	2198	2329	2786	
		410SI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 689	2295	2426	2883	
		415NI	PP	PP	Ceramic	-	PE ½" O.D.	PTFE	RPM-415	\$ 595	2201	2332	2789	
		415SI	PP	PP	Ceramic	FV	PE ½" O.D.	PTFE	RPM-415	\$ 692	2298	2429	2886	
		418NI	PVC	PVC	Ceramic	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 581	2187	2318	2775	
		418SI	PVC	PVC	Ceramic	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-312/318	\$ 678	2284	2415	2872	
		419NI	Acrylic	PVDF	PTFE	-	PE ½" O.D.	PVDF/ Polyprel®	RPM-410F	\$ 609	2215	2346	2803	
		419SI	Acrylic	PVDF	PTFE	FV	PE ½" O.D.	PVDF/ Polyprel®	RPM-410F	\$ 706	2312	2443	2900	
		Legacy LMI												
		20	Acrylic	PVC	Ceramic	-	PE ½" OD	FKM	SP-20	\$ 613	2219	2350	2807	
		20HV	Acrylic	PP	316SS	-	PE ½" OD/Vinyl 0.938" OD	FKM	SP-20HV	\$ 735	2341	2472	2929	
		20S	Acrylic	PVC	Ceramic	FV	PE ½" OD/Vinyl ½" OD	FKM	SP-20	\$ 761	2367	2498	2955	
		24	PVC	PVC	Ceramic	-	Pipe ½" NPT M	PTFE	SP-U5	\$ 662	2268	2399	2856	
		25HV	PP	316SS	316SS	-	PE ½" OD/Vinyl 0.938" OD	PTFE	SP-25HV	\$ 735	2341	2472	2929	
		26	PVC	PVC	Ceramic	-	PE ½" OD	FKM	SP-26	\$ 606	2212	2343	2800	
		26S	PVC	PVC	Ceramic	FV	PE ½" OD	FKM	SP-26	\$ 755	2361	2492	2949	
		27	316SS	316SS	316SS	-	Pipe ½" NPT M	PTFE	SP-27	\$ 1,958	3564	3695	4152	
		Liquipro™ De-gas												
		D10AI	Acrylic	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D18	\$ 679	2285	2416	2873	
	D10HI	Acrylic	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D18	\$ 807	2413	2544	3001		
	D18AI	PVC	PVC	Ceramic	-	PE ½" O.D.	Polyprel®	RPM-D18	\$ 668	2274	2405	2862		
	D18HI	PVC	PVC	Ceramic	FV	PE ½" O.D.	Polyprel®	RPM-D18	\$ 796	2402	2533	2990		
C13	1	- 312												

RPM Kit	Price	Contents
Legacy LMI		
SP-20	\$ 180	*Shaft Seal
SP-20HV	\$ 231	*Liquifram
SP-U5	\$ 268	*Seal Ring Seats
SP-25HV	\$ 231	*Clamp rings
SP-26	\$ 280	*Balls & spring or springs
SP-27	\$ 217	

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 192	*O-Rings *Hardware kit
RPM-313	\$ 231	*Shaft Seal *Liquifram
RPM-415	\$ 212	*Check Valve Cartridges
RPM-410F	\$ 212	
Liquipro™ De-gas		
RPM-D18	\$ 243	*Liquifram *O Rings *Shaft Seal *AutoPrime Cart *CV Cart. *Inj. Valve

SERIES C PUMP SELECTION AND PRICING

32

OUTPUT CODE 4

100 SPM Max.

Size Code 6.0

0.0 - 20 GPH (0.0 - 75.7 LPH); 25 psi (1.7 bar)

Cx4									
Drive End								Price	
Control									
C14 Dual Manual Control								\$	1,795
C74 Pulse Input w/ Dual Manual Control								\$	1,926
C94 Pulse/Analog Input w/ Dual Manual Control - Advanced Features								\$	2,383
Power Code	Voltage	Frequency	Plug						
1	110/120V	50-60 HZ	110 - 120V US Plug						
2	220/240V	50-60 HZ	220 - 240V US Plug						
3	220/240V	50-60 HZ	220 - 240V DIN Plug						
5	220/240V	50-60 HZ	220 - 240V UK Plug						
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug						
Liquid End		Head	Fittings	Balls	Seal Ring	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price	
Legacy LMI								C14	C74
30	Acrylic	PVC	Ceramic	PTFE	PE ½" O.D. / Vinyl ½" O.D.	SP-U6	\$ 777	2572	2703
34	PVC	PVC	Ceramic	PTFE	Pipe ½" NPT M	SP-U6	\$ 828	2623	2754
35P	PP	PP	Ceramic	PTFE	Pipe ½" NPT M	SP-U6	\$ 871	2666	2797
35T	PP	PP	Ceramic	PTFE	PE ½" O.D.	SP-U6	\$ 811	2606	2737
36	PVC	PVC	Ceramic	PTFE	PE ½" O.D.	SP-U6	\$ 770	2565	2696
37	316SS	316SS	316SS	PTFE	Pipe ½" NPT M	SP-37	\$ 2,173	3968	4099
C14	1	- 30							C94

Pump Price		
C14	C74	C94
2572	2703	3160
2623	2754	3211
2666	2797	3254
2606	2737	3194
2565	2696	3153
3968	4099	4556

RPM Kit	Price	Contents
Legacy LMI		
SP-U6	\$ 318	*Shaft Seal
SP-37	\$ 243	*Liquifram
		*Seal Ring Seats
		*Clamp rings
		*Balls & spring or springs

SERIES C PUMP SELECTION AND PRICING

33

OUTPUT CODE 6

100 SPM Max.

Size Code 1.8

0.0 - 4 GPH (0.0 - 15.1 LPH); 175 psi (12.1 bar)

C76											
Drive End										Price	
Control											
C76 Pulse Input w/ Dual Manual Control										\$ 2,056	
	Power Code		Voltage		Frequency		Plug				
	1		110/120V		50-60 HZ		110 - 120V US Plug			\$ -	
	2		220/240V		50-60 HZ		220 - 240V US Plug			\$ -	
	3		220/240V		50-60 HZ		220 - 240V DIN Plug			\$ -	
	5		220/240V		50-60 HZ		220 - 240V UK Plug			\$ -	
	6		220/240V		50-60 HZ		220 - 240V Aust/NZ Plug			\$ -	
		Liquid End	Head	Fittings	Balls	Cartridge or Seal Ring	Valve	Tubing & Connections Suction / Discharge		RPM Kit	Pump Price C76
		Liquipro™ Machined									
468SP		PVC	PVC	Ceramic	PVDF/Polyprel®	FV	½" NPT M		RPM-362/368	\$ 535	\$ 2,591
Legacy LMI											
	277	316SS	316SS	316SS	PTFE	-	¼" NPT M		-	\$ 705	\$ 2,761
C76	1	-468SP									

RPM Kit	Price	Contents
Liquipro™		*O-Rings
RPM-362/368	\$ 187	*Shaft Seal
		*Check Valve Cartridges
		*Hardware kit
		*Liquifram

SERIES C PUMP SELECTION AND PRICING

34

OUTPUT CODE 7

100 SPM Max.

Size Code 3.0

0.0 - 10 GPH (0.0 - 38 LPH); 80 psi (5.5 bar)

C77

Drive End										Price
Control										
C77 Pulse Input w/ Dual Manual Control										\$ 2,056
Power Code	Voltage	Frequency	Plug							
1	110/120V	50-60 HZ	110 - 120V US Plug							\$ -
2	220/240V	50-60 HZ	220 - 240V US Plug							\$ -
3	220/240V	50-60 HZ	220 - 240V DIN Plug							\$ -
5	220/240V	50-60 HZ	220 - 240V UK Plug							\$ -
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug							\$ -
	Liquid End	Head	Fittings	Balls	Seal Ring	Valve	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price C77	
	Legacy LMI									
	20	Acrylic	PVC	Ceramic	FKM	-	PE ½" OD / Vinyl ½" OD	SP-20	\$ 613	\$ 2,669
	20HV	Acrylic	PP	316SS	FKM	-	PE ½" OD / Vinyl 0.938" OD	SP-20HV	\$ 735	\$ 2,791
	20S	Acrylic	PVC	Ceramic	FKM	FV	PE ½" OD / Vinyl ½" OD	SP-20	\$ 761	\$ 2,817
	24	PVC	PVC	Ceramic	PTFE	-	Pipe ½" NPT M	SP-U5	\$ 662	\$ 2,718
	25HV	PP	316SS	316SS	PTFE	-	PE ½" OD / Vinyl 0.938" OD	SP-25HV	\$ 735	\$ 2,791
	25P	PP	PP	Ceramic	PTFE	-	Pipe ½" NPT M	SP-U5	\$ 704	\$ 2,760
	25T	PP	PP	Ceramic	PTFE	-	PE ½" OD	SP-U5	\$ 560	\$ 2,616
	26	PVC	PVC	Ceramic	FKM	-	PE ½" OD	SP-26	\$ 606	\$ 2,662
	26S	PVC	PVC	Ceramic	FKM	FV	PE ½" OD	SP-26	\$ 755	\$ 2,811
	27	316SS	316SS	316SS	PTFE	-	Pipe ½" NPT M	SP-27	\$ 1,958	\$ 4,014
C77	1	-20								

RPM Kit	Price	Contents
Legacy LMI		
SP-20	\$ 180	*Shaft Seal *Seal Ring Seats *Liquifram *Clamp rings *Balls & springs
SP-20HV	\$ 231	
SP-U5	\$ 268	
SP-25HV	\$ 231	
SP-U5	\$ 268	
SP-26	\$ 280	
SP-27	\$ 217	

SERIES C PUMP SELECTION AND PRICING

35

OUTPUT CODE 8

100 SPM Max.

Size Code 6.0

0.0 - 25 GPH (0.0 - 95 LPH); 30 psi (2.7 bar)

C78									
Drive End								Price	
Control									
C78 Pulse Input w/ Dual Manual Control								\$	2,250
Power Code	Voltage	Frequency	Plug						
1	110V	50-60 HZ	110 - 120V US Plug						
2	220/240V	50-60 HZ	220 - 240V US Plug						
3	220/240V	50-60 HZ	220 - 240V DIN Plug						
5	220/240V	50-60 HZ	220 - 240V UK Plug						
6	220/240V	50-60 HZ	220 - 240V Aust/NZ Plug						
	Liquid End	Head	Fittings	Balls	Seal Ring	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price C78	
	Legacy LMI								
	30	Acrylic	PVC	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$	777
	34	PVC	PVC	Ceramic	PTFE	Pipe 0½" NPT M	SP-U6	\$	828
	35P	PP	PP	Ceramic	PTFE	Pipe 0½" NPT M	SP-U6	\$	871
	35T	PP	PP	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$	811
	36	PVC	PVC	Ceramic	PTFE	PE 0½" O.D	SP-U6	\$	770
	37	316SS	316SS	316SS	PTFE	Pipe 0½" NPT M	SP-37	\$	2,173
C78	1	- 30							

RPM Kit	Price	Contents
Legacy LMI		*Shaft Seal
SP-U6	\$ 318	*Liquifram
SP-37	\$ 243	*Seal Ring Seats
		*Clamp rings
		*Balls & springs

SERIES E METERING PUMPS

Explosion Proof Pumps



For support:



Control Code

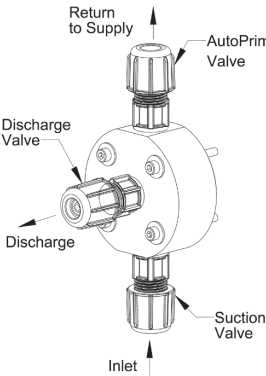
Key Features	E7
Stroke length manually adjustable	✓
Stroke frequency manually adjustable	✓
External control via pulse input	✓
Manual/External mode selection	✓



Multifunction Valve

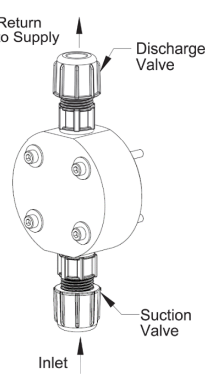
- This diaphragm type, anti-siphon/pressure relief valve is installed on the pump head.
- Can be oriented as required (360°) at precisely the desired position.
- Easier to use thanks to the more user-friendly design of the priming knobs and back pressure valve

Output Code	Max Output GPH	Max Output LPH	Max Pressure PSI	Max Pressure Bar
Series E with Liquipro™				
0	1.3	4.9	300	20.7
1	2.5	9.5	150	10.3
2	4.0	15.1	100	6.9
3	8.0	30.3	60	4.1
4	20.0	76.0	25	1.7
Series E with AutoPrime™				
1	2.3	8.7	150	10.3
2	3.8	14.4	100	6.9
3	7.8	29.5	60	4.1



AutoPrime™

Allows for the constant removal of vapors and gases present in applications like sodium hypochlorite and hydrogen peroxide.



Liquipro™

Standard Liquid End suitable for most applications

What's in the Box

Series E units include:


Tube Connection Hardware


Quick Start Guide


Suction/Discharge Tubing


Injection Check Valve


Foot Valve


Ceramic Weight

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

SERIES E PUMP SELECTION AND PRICING

37

OUTPUT CODE 0

100 SPM Max.

Size Code 0.9

0.0 - 1.3 GPH (0.0 - 4.9 LPH); 300 psi (20.7 bar)

E70

Drive End Control										Price	
E70 Pulse Input with Dual Manual Control										\$	4,182
	Power Code		Voltage		Frequency						
	1		110/120V		50-60 HZ						\$ -
	2		220/240V		50-60 HZ						\$ -
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E70	
		Liquipro™ Machine									
		498SP	PVC	PVC	Ceramic	FV	Pipe ½" NPT M	PVDF/Polyprel®	RPM-392/398	\$	535
		Legacy LMI									
		297	316 SS	316 SS	316SS	-	Pipe ¼" NPT M	316SS	-	\$	705
E70	1	-498SP									

RPM Kit	Price		Contents
Liquipro™			
RPM-392/398	\$	180	*O-Rings *Shaft Seal *Check Valve Cartridges *Hardware kit *Liquifram *Injection Valve Cartridge

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SERIES E PUMP SELECTION AND PRICING

38

OUTPUT CODE 1

100 SPM Max.

Size Code 1.8

0.0 - 2.5 GPH (0.0 - 9.5 LPH); 150 psi (10.3 bar)

De-gas estimated at 0.00 to 2.3 GPH (0.00 to 8.7 LPH)

E71									
Drive End									Price
Control									
E71 Pulse Input with Dual Manual Control									\$ 4,182
Power Code	Voltage		Frequency						
1	110/120V		50-60 HZ						
2	220/240V		50-60 HZ						
	Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E71
Liquipro™ Molded									
362NI	PVDF	PVDF	PVDF	Ceramic	-	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 386 \$ 4,568
362SI	PVDF	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / Polyprel®	RPM-362/368	\$ 483 \$ 4,665
363NI	PVDF	PVDF	PVDF	Ceramic	-	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 445 \$ 4,627
363SI	PVDF	PVDF	PVDF	Ceramic	FV	PE 3/8" OD	PVDF / PTFE	RPM-363	\$ 542 \$ 4,724
368NI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 306 \$ 4,488
368SI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 403 \$ 4,585
Liquipro™ Machined									
460NI	Acrylic	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 449 \$ 4,631
460SI	Acrylic	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 546 \$ 4,728
465NI	PP	PP	PP	Ceramic	-	PE 3/8" OD	PTFE	RPM-465	\$ 452 \$ 4,634
465SI	PP	PP	PP	Ceramic	FV	PE 3/8" OD	PTFE	RPM-465	\$ 549 \$ 4,731
468NI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 438 \$ 4,620
468SI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-362/368	\$ 535 \$ 4,717
469NI	Acrylic	PVDF	PVDF	PTFE	-	PE 3/8" OD	PVDF/ Polyprel®	RPM-460F	\$ 466 \$ 4,648
469SI	Acrylic	PVDF	PVDF	PTFE	FV	PE 3/8" OD	PVDF/ Polyprel®	RPM-460F	\$ 563 \$ 4,745
Legacy LMI									
75HV	PP	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	PTFE	SP-75HV	\$ 560 \$ 4,742
76HV	Acrylic	PP	PP	316 SS	-	PE 1/2" OD / Vinyl 1/2" OD	FKM	SP-76	\$ 560 \$ 4,742
277	316 SS	316 SS	316 SS	316 SS	-	Pipe 1/4" NPT M	316 SS	-	\$ 705 \$ 4,887
Liquipro™ De-gas									
D60AI	Acrylic	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 536 \$ 4,718
D60HI	Acrylic	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 664 \$ 4,846
D68AI	PVC	PVC	PVC	Ceramic	-	PE 3/8" OD	Polyprel®	RPM-D68	\$ 525 \$ 4,707
D68HI	PVC	PVC	PVC	Ceramic	FV	PE 3/8" OD	Polyprel®	RPM-D68	\$ 653 \$ 4,835
E71	1	-362NI							

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 187	*O-Rings *Shaft Seal
RPM-363	\$ 217	*Check Valve Cartridges
RPM-465	\$ 198	*Hardware kit
RPM-460F	\$ 198	*Liquifram *Injection Valve Cartridge
Legacy LMI		
SP-75HV	\$ 204	*Shaft Seal *Seal Ring Seat
SP-76	\$ 192	*Balls & spring or springs
Liquipro™ De-gas		
RPM-D68	\$ 231	*O Rings *Shaft Seal *Liquifram
		*Check Valve Cartridges *Injection Valve Cartridge *AutoPrime Cartridge

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SERIES E PUMP SELECTION AND PRICING

39

OUTPUT CODE 2

100 SPM Max.

Size Code 1.8

0.0 - 4.0 GPH (0.0 - 15.1 LPH); 100 psi (6.9 bar)

De-gas estimated at 0.00 to 3.8 GPH (0.00 to 14.4 LPH)

E72											
Drive End									Price		
Control											
E72 Pulse Input with Dual Manual Control									\$	4,182	
	Power Code		Voltage		Frequency						
	1		110/120V		50-60 HZ						\$ -
	2		220/240V		50-60 HZ						\$ -
		Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit		Pump Price E72
	Liquipro™ Molded										
	362NI	PVDF	PVDF	Ceramic	-	PE ¾" OD	PVDF / Polyprel®	RPM-362/368	\$ 386	\$ 4,568	
	362SI	PVDF	PVDF	Ceramic	FV	PE ¾" OD	PVDF / Polyprel®	RPM-362/368	\$ 483	\$ 4,665	
	363NI	PVDF	PVDF	Ceramic	-	PE ¾" OD	PVDF / PTFE	RPM-363	\$ 445	\$ 4,627	
	363SI	PVDF	PVDF	Ceramic	FV	PE ¾" OD	PVDF / PTFE	RPM-363	\$ 542	\$ 4,724	
	368NI	PVC	PVC	Ceramic	-	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$ 306	\$ 4,488	
	368SI	PVC	PVC	Ceramic	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$ 403	\$ 4,585	
	Liquipro™ Machined										
	460NI	Acrylic	PVC	Ceramic	-	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$ 449	\$ 4,631	
	460SI	Acrylic	PVC	Ceramic	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$ 546	\$ 4,728	
	465NI	PP	PP	Ceramic	-	PE ¾" OD	PTFE	RPM-465	\$ 452	\$ 4,634	
	465SI	PP	PP	Ceramic	FV	PE ¾" OD	PTFE	RPM-465	\$ 549	\$ 4,731	
	468NI	PVC	PVC	Ceramic	-	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$ 438	\$ 4,620	
	468SI	PVC	PVC	Ceramic	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-362/368	\$ 535	\$ 4,717	
	469NI	Acrylic	PVDF	PTFE	-	PE ¾" OD	PVDF/ Polyprel®	RPM-460F	\$ 466	\$ 4,648	
	469SI	Acrylic	PVDF	PTFE	FV	PE ¾" OD	PVDF/ Polyprel®	RPM-460F	\$ 563	\$ 4,745	
	Legacy LMI										
	75HV	PP	PP	316 SS	-	PE ½" OD / Vinyl ½" OD	PTFE	SP-75HV	\$ 615	\$ 4,797	
	76HV	Acrylic	PP	316 SS	-	PE ½" OD / Vinyl ½" OD	FKM	SP-76	\$ 533	\$ 4,715	
	277	316 SS	316 SS	316 SS	-	Pipe ¼" NPT M	316 SS	-	\$ 1,225	\$ 5,407	
	Liquipro™ De-gas										
	D60AI	Acrylic	PVC	Ceramic	-	PE ¾" OD	Polyprel®	RPM-D68	\$ 536	\$ 4,718	
	D60HI	Acrylic	PVC	Ceramic	FV	PE ¾" OD	Polyprel®	RPM-D68	\$ 664	\$ 4,846	
	D68AI	PVC	PVC	Ceramic	-	PE ¾" OD	Polyprel®	RPM-D68	\$ 525	\$ 4,707	
D68HI	PVC	PVC	Ceramic	FV	PE ¾" OD	Polyprel®	RPM-D68	\$ 653	\$ 4,835		
E72	1	-362NI									

RPM Kit	Price	Contents
Liquipro™		
RPM-362/368	\$ 187	*O-Rings *Shaft Seal
RPM-363	\$ 217	*Check Valve Cartridges
RPM-465	\$ 198	*Hardware kit
RPM-460F	\$ 198	*Liquifram *Injection Valve Cartridge
Legacy LMI		
SP-75HV	\$ 204	*Shaft Seal *Seal Ring Seat *Liquifram *Clamp rings
SP-76	\$ 192	*Balls & spring or springs
Liquipro™ De-gas		
RPM-D68	\$ 231	*O Rings *Shaft Seal *Liquifram *Check Valve Cartridges *Injection Valve Cartridge *AutoPrime Cartridge

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SERIES E PUMP SELECTION AND PRICING

40

OUTPUT CODE 3

100 SPM Max. Size Code 3.0

0.0 - 8.0 GPH (0.0 - 30.3 LPH); 60 psi (4.1 bar)

De-gas estimated at 0.00 to 7.8 GPH (0.00 to 29.5 LPH)

E73									
Drive End									Price
Control									
E73 Pulse Input with Dual Manual Control									\$ 4,182
Power Code	Voltage	Frequency							
1	110/120V	50-60 HZ							
2	220/240V	50-60 HZ							
Liquid End	Head	Fittings	Balls	Valve	Connections Suction/Discharge	Cartridge Valve or Seal Ring	RPM Kit	Pump Price E73	
Liquipro™ Molded		These liquid ends use 3/8 diameter valve balls. Pump output may be reduced in some applications.							
312NI	PVDF	PVDF	Ceramic	-	PE ½" OD	PVDF / Polyprel®	RPM-312/318	\$ 529	\$ 4,711
312SI	PVDF	PVDF	Ceramic	FV	PE ½" OD	PVDF / Polyprel®	RPM-312/318	\$ 626	\$ 4,808
313NI	PVDF	PVDF	Ceramic	-	PE ½" OD	PVDF / PTFE	RPM-313	\$ 588	\$ 4,770
313SI	PVDF	PVDF	Ceramic	FV	PE ½" OD	PVDF / PTFE	RPM-313	\$ 685	\$ 4,867
318NI	PVC	PVC	Ceramic	-	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 449	\$ 4,631
318SI	PVC	PVC	Ceramic	FV	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 546	\$ 4,728
Liquipro™ Machined									
410NI	Acrylic	PVC	Ceramic	-	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 592	\$ 4,774
410SI	Acrylic	PVC	Ceramic	FV	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 689	\$ 4,871
415NI	PP	PP	Ceramic	-	PE ½" OD	PTFE	RPM-415	\$ 595	\$ 4,777
415SI	PP	PP	Ceramic	FV	PE ½" OD	PTFE	RPM-415	\$ 692	\$ 4,874
418NI	PVC	PVC	Ceramic	-	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 581	\$ 4,763
418SI	PVC	PVC	Ceramic	FV	PE ½" OD	PVDF/ Polyprel®	RPM-312/318	\$ 678	\$ 4,860
419NI	Acrylic	PVDF	PTFE	-	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 609	\$ 4,791
419SI	Acrylic	PVDF	PTFE	FV	PE ½" OD	PVDF/ Polyprel®	RPM-410F	\$ 706	\$ 4,888
Legacy LMI									
20	Acrylic	PVC	Ceramic	-	PE ½" OD / Vinyl ½" OD	FKM	SP-20	\$ 613	\$ 4,795
20HV	Acrylic	PP	316 SS	-	PE ½" OD / Vinyl ½" OD	FKM	SP-20HV	\$ 735	\$ 4,917
20S	Acrylic	PVC	Ceramic	FV	PE ½" OD / Vinyl ½" OD	FKM	SP-20	\$ 761	\$ 4,943
24	PVC	PVC	Ceramic	-	PE ½" OD / Vinyl ½" OD	PTFE	SP-U5	\$ 662	\$ 4,844
25HV	PP	316SS	316 SS	-	PE ½" OD / Vinyl ½" OD	PTFE	SP-25HV	\$ 735	\$ 4,917
26	PVC	PVC	Ceramic	-	PE ½" OD / Vinyl ½" OD	FKM	SP-26	\$ 606	\$ 4,788
26S	PVC	PVC	Ceramic	FV	PE ½" OD / Vinyl ½" OD	FKM	SP-26	\$ 755	\$ 4,937
27	316 SS	316 SS	316 SS	-	Pipe ½" NPT M	PTFE	SP-27	\$ 1,958	\$ 6,140
Liquipro™ De-gas									
D10AI	Acrylic	PVC	Ceramic	-	PE ½" OD	Polyprel®	RPM-D18	\$ 679	\$ 4,861
D10HI	Acrylic	PVC	Ceramic	FV	PE ½" OD	Polyprel®	RPM-D18	\$ 807	\$ 4,989
D18AI	PVC	PVC	Ceramic	-	PE ½" OD	Polyprel®	RPM-D18	\$ 668	\$ 4,850
D18HI	PVC	PVC	Ceramic	FV	PE ½" OD	Polyprel®	RPM-D18	\$ 796	\$ 4,978
E73	1	-312NI							

RPM Kit	Price	Contents
Liquipro™		
RPM-312/318	\$ 192	*O-Rings
RPM-313	\$ 231	*Shaft Seal
RPM-415	\$ 212	*Check Valve Cartridges
RPM-410F	\$ 212	*Hardware kit
		*Liquifram
		*Injection Valve Cartridge
Legacy LMI		
SP-20	\$ 180	
SP-20HV	\$ 231	*Shaft Seal
SP-20	\$ 180	*Liquifram
SP-U5	\$ 268	*Seal Ring Seat
SP-25HV	\$ 231	*Clamp rings
SP-26	\$ 280	*Balls & spring or springs
SP-27	\$ 217	

RPM Kit	Price	Contents
Liquipro™ De-gas		
RPM-D18	\$ 243	*O Rings
		*Shaft Seal
		*Liquifram
		*Check Valve Cartridges
		*Injection Valve Cartridge
		*AutoPrime Cartridge

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SERIES E PUMP SELECTION AND PRICING

41

OUTPUT CODE 4

100 SPM Max.

Size Code 6.0

0.0 - 20 GPH (0.0 - 75.7 LPH); 25 psi (1.7 bar)

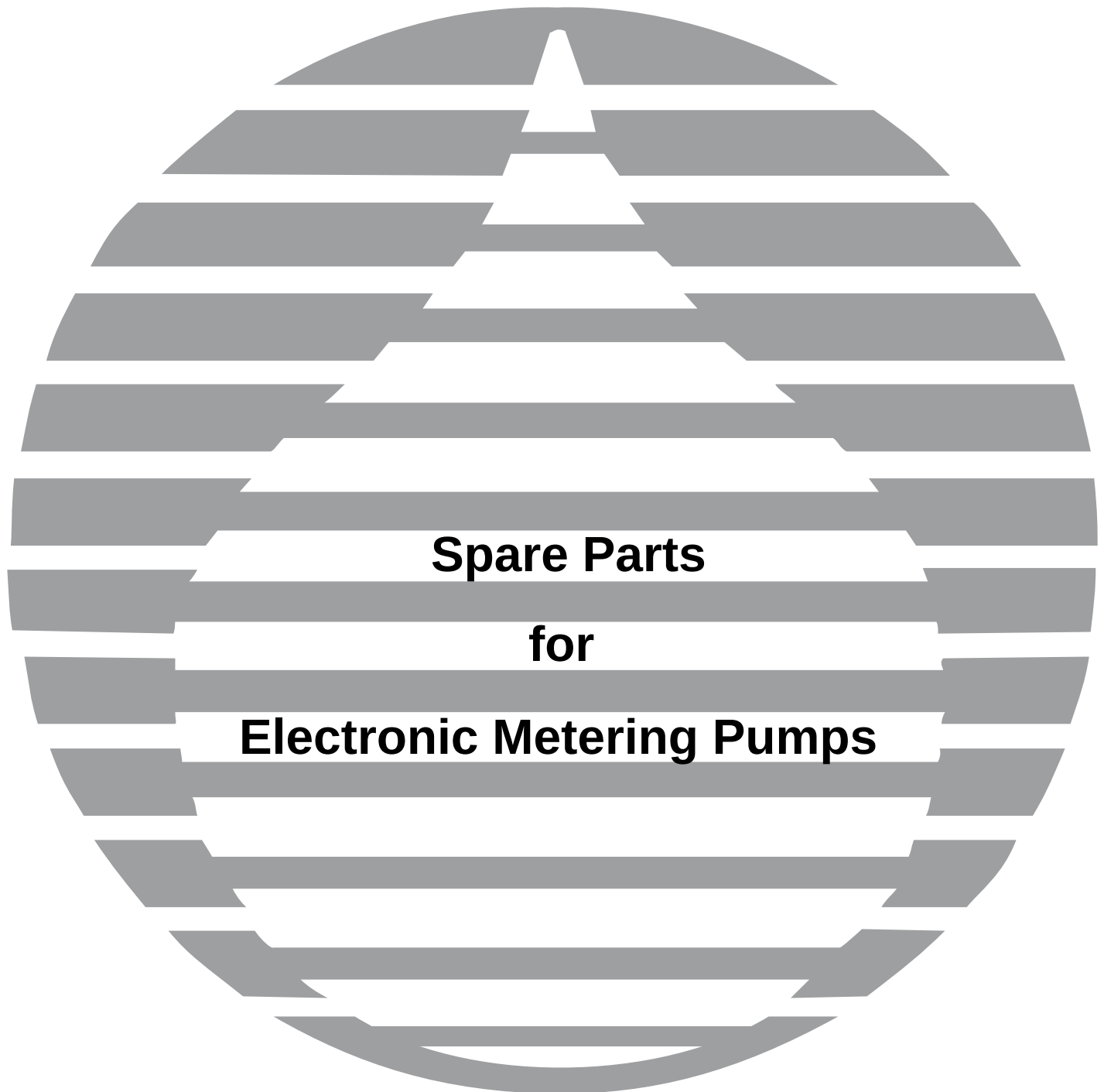
E74

Drive End Control								Price	
E74 Pulse Input with Dual Manual Control								\$	4,375
Power Code	Voltage		Frequency						
1	110/120V		50-60 HZ						\$ -
2	220/240V		50-60 HZ						\$ -
	Liquid End	Head	Fittings	Balls	Seal Ring	Tubing & Connections Suction / Discharge	RPM Kit	Pump Price E74	
	Legacy LMI								
	30	Acrylic	PVC	Ceramic	PTFE	PE ½" OD / Vinyl ½" OD	SP-U6	\$	777
	34	PVC	PVC	Ceramic	PTFE	Pipe ½" NPT M	SP-U6	\$	828
	35P	PP	PP	Ceramic	PTFE	Pipe ½" NPT M	SP-U6	\$	871
	35T	PP	PP	Ceramic	PTFE	PE .5" OD	SP-U6	\$	811
	36	PVC	PVC	Ceramic	PTFE	PE .5" OD	SP-U6	\$	770
E74	1	-30	316 SS	316 SS	316 SS	PTFE	Pipe ½" NPT M	SP-37	\$ 2,173

RPM Kit	Price		Contents
Legacy LMI			
SP-U6	\$	318	*Shaft Seal
SP-37	\$	243	*Liquifram
			*Seal Ring Seat
			*Clamp rings
			*Balls & spring or springs

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FASTPRIME® - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-708	708xx	\$ 148
RPM-718	718xx	\$ 148
RPM-728	728xx	\$ 154
RPM-738	738xx	\$ 160
RPM-748	748xx	\$ 167
RPM-812	812xx,818xx,910Nx,910Sx,918Nx,918Sx	\$ 174
RPM-813	813xx, 915xx	\$ 192
RPM-822	822xx,828xx,920Nx,920Sx,928Nx,928Sx	\$ 180
RPM-823	823xx, 925xx	\$ 204
RPM-832	832xx,838xx,930Nx,930Sx,938Nx,938Sx	\$ 187
RPM-833	833xx, 935xx	\$ 217
RPM-842	842xx,848xx,940Nx,940Sx,948Nx,948Sx	\$ 192
RPM-843	843xx, 945xx	\$ 231
RPM-907	907NP	\$ 331
RPM-917	917NP	\$ 331
RPM-919	919xx	\$ 174
RPM-927	927NP	\$ 345
RPM-929	929xx	\$ 180
RPM-937	937NP	\$ 357
RPM-939	939xx	\$ 187
RPM-947	947NP	\$ 370
RPM-949	949xx	\$ 192

High Viscosity - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-624	624xx	\$ 167
RPM-626	626xx	\$ 167
RPM-634	634xx	\$ 180
RPM-636	636xx	\$ 180
RPM-644	644xx	\$ 192
RPM-646	646xx	\$ 192

Legacy LMI - Spare Part Kits

RPM Kit	For Liquid End Assembly	Price
SP-U1	81S, 81T, 82T, 85S, 85T, 91S, 91T, 92S, 92T, 94, 94S, 95S, 95T, 196, 196S	\$ 204
SP-U2	65, 65S, 71S, 71T, 72S, 72S, 72T, 74, 74S, 75S, 75T	\$ 204
SP-U3	81FS, 91FS	\$ 204
SP-U4	71FS	\$ 204
SP-U5	24, 25P, 25T	\$ 268
SP-U6	30, 30S, 32, 34, 35P, 35T, 36, 36S	\$ 318
SP-U7	190, 190S, 191, 191S, 192, 192S, 193, 193S, 198, 198S	\$ 204
SP-U8	150, 150S, 151, 151P, 151S, 152, 152S, 158	\$ 204
SP-U9	155, 155P, 155S	\$ 204
SP-U10	61, 62, 62S, 161, 162, 168, 168S, 171, 171S, 172, 172S	\$ 204
SP-U17	12, 12S, 112, 112S, 118, 118S	\$ 231
SP-15	15, 15S	\$ 231
SP-20	20, 20S	\$ 180
SP-20HV	20HV	\$ 231
SP-25HV	25HV, 20PB, 20PBA	\$ 231
SP-26	26, 26S	\$ 280
SP-27	27	\$ 217
SP-29	29	\$ 231
SP-30HV	30HV	\$ 208

LIQUIPRO™ - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-312/318	312xx, 318xx, 410xx, 418xx	\$ 192
RPM-313	313xx	\$ 231
RPM-352/358	352xx, 358xx, 450xx, 458xx	\$ 174
RPM-353	353xx	\$ 192
RPM-362/368	362xx, 368xx, 460xx, 468xx	\$ 187
RPM-363	363xx	\$ 217
RPM-392/398	392xx, 398xx, 490xx, 498xx	\$ 180
RPM-393	393xx	\$ 204
RPM-410F	410xx, 419xx	\$ 212
RPM-415	415xx	\$ 212
RPM-450F	450xx, 459xx	\$ 174
RPM-455	455xx	\$ 174
RPM-460F	460xx, 469xx	\$ 198
RPM-465	465xx	\$ 198
RPM-490F	490xx, 499xx	\$ 187
RPM-495	495xx	\$ 187
RPM-D18	D10xx, D18xx	\$ 243
RPM-D58	D50xx, D58xx,	\$ 204
RPM-D68	D60xx, D68xx	\$ 231
RPM-D98	D90xx, D98xx	\$ 217

AUTOPRIME® De-gas - RPM Kits

RPM Kit	For Liquid End Assembly	Price
RPM-910A	910Ax, 910Hx, 918Ax, 918Hx	\$ 198
RPM-920A	920Ax, 920Hx, 928Ax, 928Hx	\$ 204
RPM-930A	930Ax, 930Hx, 938Ax, 938Hx	\$ 212
RPM-A10A	A10Ax, A10Hx, A18Ax, A18Hx	\$ 204
RPM-A20A	A20Ax, A20Hx, A28Ax, A28Hx	\$ 217
RPM-A30A	A30Ax, A30Hx, A38Ax, A38Hx	\$ 231
RPM-A40A	A40Ax, A40Hx, A48Ax, A48Hx	\$ 243

Legacy LMI - Spare Parts Kits

RPM Kit	For Liquid End Assembly	Price
SP-35HV	35HV	\$ 231
SP-37	37	\$ 243
SP-66PB	66PB	\$ 204
SP-75HV	75HV	\$ 204
SP-75V	75V	\$ 204
SP-76	76HV	\$ 192
SP-76PB	76PB	\$ 204
SP-77	77	\$ 204
SP-79	79	\$ 204
SP-85HV	85HV, 86PBA	\$ 204
SP-86	86HV	\$ 192
SP-86PB	86PB	\$ 204
SP-89	89	\$ 204
SP-92V	92V	\$ 204
SP-97	97	\$ 204
SP-151FS	151FS	\$ 204
SP-155HV	155HV, 156PB, 156PBA	\$ 204
SP-156	156HV	\$ 204
SP-157	157	\$ 204
SP-987	987	\$ 1,116

PUMP DRIVE ASSEMBLIES

Drive	Size Code	Max Output		Max Pressure		Price
		GPH	LPH	PSI	Bar	
Series PD						
PD01x	0	0.10 to 0.25	0.38 to 0.95	450	30.6	\$ 388
PD71x	0	0.10 to 0.25	0.38 to 0.95	450	30.6	\$ 658
PD04x	2	0.35 to 0.68	1.32 to 2.60	250	17.3	\$ 388
PD74x	2	0.35 to 0.68	1.32 to 2.60	250	17.3	\$ 658
PD05x	3	0.80 to 1.10	3.00 to 4.20	150	10.3	\$ 388
PD75x	3	0.80 to 1.10	3.00 to 4.20	150	10.3	\$ 658
PD06x	4	1.70 to 1.85	6.40 to 7.60	70	4.8	\$ 388
PD76x	4	1.70 to 1.85	6.40 to 7.60	70	4.8	\$ 658
EXCEL AD						
AD21x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 857
AD24x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 857
AD25x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 856
AD26x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 901
AD81x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 1,107
AD84x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 1,107
AD85x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 1,106
AD86x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 1,151
AD91x	1	0.002 to 0.21	0.01 to 0.8	250	17.2	\$ 1,397
AD94x	2	0.005 to 0.50	0.02 to 1.9	250	17.2	\$ 1,397
AD95x	3	0.010 to 1.00	0.04 to 3.8	110	7.6	\$ 1,396
AD96x	4	0.020 to 2.00	0.08 to 7.6	50	3.4	\$ 1,441
SERIES B						
B11x	0.9	0.01 to 1.60	0.05 to 6.10	150	10.3	\$ 1,128
B12x	0.9	0.01 to 2.50	0.05 to 9.50	100	6.9	\$ 1,128
B13x	1.8	0.02 to 4.50	0.09 to 17.0	50	3.4	\$ 1,128
B14x	3.0	0.04 to 7.00	0.13 to 26.5	30	2.07	\$ 1,206
B71x	0.9	0.00 to 1.60	0.00 to 6.10	150	10.3	\$ 1,267
B72x	0.9	0.00 to 2.50	0.00 to 9.50	100	6.9	\$ 1,267
B73x	1.8	0.00 to 4.50	0.00 to 17.0	50	3.4	\$ 1,267
B74x	3.0	0.00 to 7.00	0.00 to 26.5	30	2.07	\$ 1,345
B91x	0.9	0.00 to 1.60	0.00 to 6.10	150	10.3	\$ 1,708
B92x	0.9	0.00 to 2.50	0.00 to 9.50	100	6.9	\$ 1,708
B93x	1.8	0.00 to 4.50	0.00 to 17.0	50	3.4	\$ 1,708
B94x	3.0	0.00 to 7.00	0.00 to 26.5	30	2.07	\$ 1,786

Drive	Size Code	Max Output		Max Pressure		Price
		GPH	LPH	PSI	Bar	
SERIES C						
C10x	0.9	0.01 to 1.30	0.03 to 4.90	300	20.7	\$ 1,606
C11x	1.8	0.01 to 2.50	0.05 to 9.50	150	10.3	\$ 1,606
C12x	1.8	0.02 to 4.00	0.08 to 15.1	100	6.9	\$ 1,606
C13x	3.0	0.05 to 8.00	0.17 to 30.3	60	4.1	\$ 1,606
C14x	6.0	0.1 to 20.00	0.38 to 76.0	25	1.8	\$ 1,795
C70x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 1,737
C71x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 1,737
C72x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 1,737
C73x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 1,737
C74x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.8	\$ 1,926
C76x	1.8	0.00 to 4.00	0.00 to 15.1	175	12.1	\$ 2,056
C77x	3.0	0.00 to 10.0	0.00 to 38.0	80	5.5	\$ 2,056
C78x	6.0	0.00 to 25.0	0.00 to 95.0	30	2.07	\$ 2,250
C90x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 2,194
C91x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 2,194
C92x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 2,194
C93x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 2,194
C94x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.8	\$ 2,383
SERIES E						
E70x	0.9	0.00 to 1.30	0.00 to 4.90	300	20.7	\$ 4,182
E71x	1.8	0.00 to 2.50	0.00 to 9.50	150	10.3	\$ 4,182
E72x	1.8	0.00 to 4.00	0.00 to 15.1	100	6.9	\$ 4,182
E73x	3.0	0.00 to 8.00	0.00 to 30.3	60	4.1	\$ 4,182
E74x	6.0	0.00 to 20.0	0.00 to 76.0	25	1.7	\$ 4,375

To complete the Drive, change the "x" to one of the following:

- 1- 120 V AC USA Plug
- 2- 240 V AC USA Plug (not for export)
- 3- 220-240V AC, DIN plug
- 5- 240-250V AC, UK Plug
- 6- 240-250V AC, Aust/NZ Plug

LIQUID END ASSEMBLIES (LE's)

FASTPRIME™ Molded

Liquid End	Size Code	Price
LE-812NI	1	\$ 355
LE-812SI	1	\$ 452
LE-813NI	1	\$ 411
LE-813SI	1	\$ 508
LE-818NI	1	\$ 281
LE-818SI	1	\$ 378
LE-822NI	2*	\$ 372
LE-822SI	2*	\$ 469
LE-823NI	2*	\$ 428
LE-823SI	2*	\$ 525
LE-828NI	2*	\$ 298
LE-828SI	2*	\$ 395
LE-832NI	3	\$ 372
LE-832SI	3	\$ 469
LE-833NI	3	\$ 428
LE-833SI	3	\$ 525
LE-838NI	3	\$ 298
LE-838SI	3	\$ 395
LE-842NI	4	\$ 372
LE-842SI	4	\$ 469
LE-843NI	4	\$ 428
LE-843SI	4	\$ 525
LE-848NI	4	\$ 298
LE-848SI	4	\$ 395

FASTPRIME™ Machined

Liquid End	Size Code	Price
LE-907NP	0	\$ 673
LE-910NI	1	\$ 423
LE-910SI	1	\$ 520
LE-915NI	1	\$ 426
LE-915SI	1	\$ 523
LE-917NP	1	\$ 673
LE-918NI	1	\$ 412
LE-918SI	1	\$ 509
LE-919NI	1	\$ 438
LE-919SI	1	\$ 535
LE-920NI	2*	\$ 440
LE-920SI	2*	\$ 537
LE-925NI	2*	\$ 443
LE-925SI	2*	\$ 540
LE-927NP	2*	\$ 690
LE-928NI	2*	\$ 429
LE-928SI	2*	\$ 526
LE-929NI	2*	\$ 455
LE-929SI	2*	\$ 552
LE-930NI	3	\$ 440
LE-930SI	3	\$ 537
LE-935NI	3	\$ 443
LE-935SI	3	\$ 540
LE-937NP	3	\$ 690
LE-938NI	3	\$ 429
LE-938SI	3	\$ 526
LE-939NI	3	\$ 455
LE-939SI	3	\$ 552
LE-940NI	4	\$ 440
LE-940SI	4	\$ 537
LE-945NI	4	\$ 443
LE-945SI	4	\$ 540
LE-947NP	4	\$ 690
LE-948NI	4	\$ 429
LE-948SI	4	\$ 526
LE-949NI	4	\$ 455
LE-949SI	4	\$ 552

AUTOPRIME™ De-gas

For off-gassing fluids

Liquid End	Size Code	Price
LE-A10AI	1	\$ 507
LE-A10HI	1	\$ 636
LE-A18AI	1	\$ 496
LE-A18HI	1	\$ 625
LE-A20AI	2	\$ 524
LE-A20HI	2	\$ 653
LE-A28AI	2	\$ 513
LE-A28HI	2	\$ 642
LE-A30AI	3	\$ 524
LE-A30HI	3	\$ 653
LE-A38AI	3	\$ 513
LE-A38HI	3	\$ 642
LE-A40AI	4	\$ 524
LE-A40HI	4	\$ 653
LE-A48AI	4	\$ 513
LE-A48HI	4	\$ 642

AUTOPRIME™ (for Roytronic A)

Liquid End	Size Code	Price
LE-910AI	1	\$ 507
LE-910HI	1	\$ 636
LE-918AI	1	\$ 496
LE-918HI	1	\$ 625
LE-920AI	2	\$ 524
LE-920HI	2	\$ 653
LE-928AI	2	\$ 513
LE-928HI	2	\$ 642
LE-930AI	3	\$ 524
LE-930HI	3	\$ 653
LE-938AI	3	\$ 513
LE-938HI	3	\$ 642

* NOTE for Size Code 2:

When ordering SC 2 LE, please append:
-150 for 150 psi version (Roytronic A)
-250 for 250 psi for (PD & Excel AD)
 e.g. LE-928NI-250

If not specified, LMI will default to -250

High Viscosity

Liquid End	Size Code	Price
LE-624VI	2	\$ 534
LE-624VP	2	\$ 534
LE-624PI	2	\$ 569
LE-624PP	2	\$ 569
LE-626VI	2	\$ 531
LE-634VI	3	\$ 534
LE-634VP	3	\$ 534
LE-634PI	3	\$ 569
LE-634PP	3	\$ 569
LE-636VI	3	\$ 531
LE-644VI	4	\$ 534
LE-644VP	4	\$ 534
LE-644PI	4	\$ 569
LE-644PP	4	\$ 569
LE-646VI	4	\$ 531
LE-646VP	4	\$ 531

LIQUIPRO™ Molded

Liquid End	Size Code	Price
LE-312NI	3.0	\$ 529
LE-312SI	3.0	\$ 626
LE-313NI	3.0	\$ 588
LE-313SI	3.0	\$ 685
LE-318NI	3.0	\$ 449
LE-318SI	3.0	\$ 546
LE-352NI	0.5	\$ 367
LE-352SI	0.5	\$ 464
LE-353NI	0.5	\$ 426
LE-353SI	0.5	\$ 523
LE-358NI	0.5	\$ 287
LE-358SI	0.5	\$ 384
LE-362NI	1.8	\$ 386
LE-362SI	1.8	\$ 483
LE-363NI	1.8	\$ 445
LE-363SI	1.8	\$ 542
LE-368NI	1.8	\$ 306
LE-368SI	1.8	\$ 403
LE-392NI	0.9	\$ 386
LE-392SI	0.9	\$ 483
LE-393NI	0.9	\$ 445
LE-393SI	0.9	\$ 542
LE-398NI	0.9	\$ 306
LE-398SI	0.9	\$ 403

LIQUIPRO™ Machined

Liquid End	Size Code	Price
LE-410NI	3.0	\$ 592
LE-410SI	3.0	\$ 689
LE-418NI	3.0	\$ 581
LE-418SI	3.0	\$ 678
LE-419SI	3.0	\$ 706
LE-450NI	0.5	\$ 430
LE-450SI	0.5	\$ 527
LE-455NI	0.5	\$ 433
LE-455SI	0.5	\$ 530
LE-458NI	0.5	\$ 419
LE-458SI	0.5	\$ 516
LE-459SI	0.5	\$ 544
LE-460NI	1.8	\$ 449
LE-460SI	1.8	\$ 546
LE-465NI	1.8	\$ 452
LE-465SI	1.8	\$ 549
LE-468NI	1.8	\$ 438
LE-468SI	1.8	\$ 535
LE-469SI	1.8	\$ 563
LE-490NI	0.9	\$ 449
LE-490SI	0.9	\$ 546
LE-495NI	0.9	\$ 452
LE-495SI	0.9	\$ 549
LE-498NI	0.9	\$ 438
LE-498SI	0.9	\$ 535
LE-499SI	0.9	\$ 563

LIQUIPRO De-gas

For off-gassing fluids

Liquid End	Size Code	Price
LE-D10AI	3.0	\$ 679
LE-D10HI	3.0	\$ 807
LE-D18AI	3.0	\$ 668
LE-D18HI	3.0	\$ 796
LE-D50AI	0.5	\$ 517
LE-D50HI	0.5	\$ 645
LE-D58AI	0.5	\$ 506
LE-D58HI	0.5	\$ 634
LE-D60AI	1.8	\$ 536
LE-D60HI	1.8	\$ 664
LE-D68AI	1.8	\$ 525
LE-D68HI	1.8	\$ 653
LE-D90AI	0.9	\$ 536
LE-D90HI	0.9	\$ 664
LE-D98AI	0.9	\$ 525
LE-D98HI	0.9	\$ 653

Legacy LMI Liquid Ends

Liquid End	Size Code	Price
LE-20HV	3.0	\$ 735
LE-20S	3.0	\$ 761
LE-24	3.0	\$ 662
LE-25HV	3.0	\$ 735
LE-25P	3.0	\$ 704
LE-25T	3.0	\$ 560
LE-26	3.0	\$ 606
LE-26S	3.0	\$ 755
LE-27	3.0	\$ 1,958
LE-30	6.0	\$ 777
LE-30HV	6.0	\$ 900
LE-30S	6.0	\$ 930
LE-34	6.0	\$ 828
LE-35HV	6.0	\$ 900
LE-35P	6.0	\$ 871
LE-35T	6.0	\$ 811
LE-36	6.0	\$ 770
LE-36S	6.0	\$ 921
LE-37	6.0	\$ 2,173
LE-75HV	1.8	\$ 560
LE-76HV	1.8	\$ 560
LE-85HV	0.9	\$ 560
LE-86HV	0.9	\$ 560
LE-155HV	0.5	\$ 544
LE-156HV	0.5	\$ 544
LE-217	3.0	\$ 705
LE-257	0.5	\$ 686
LE-277	1.8	\$ 705
LE-297	0.9	\$ 705

NOTE: EXCEL™ XR and Series G liquid ends are detailed in their respective sections

Agitators		
Part No.	Description	Price
34504	Agitator, 27" SS Shaft & Impeller, 230V	\$ 738
27591	Agitator, 27" SS Shaft & Impeller, 115V	\$ 717
10590	Agitator, 34" SS Shaft & Impeller, 115V	\$ 740
25290	Agitator, 34" SS Shaft & Impeller, 230V	\$ 752
25292	Agitator, 34" SS Shaft, Neoprene® Impeller, 230V	\$ 868
26579	Flange, Agitator Mounting	\$ 94
26576	Motor, Agitator 115V	\$ 613
26577	Shaft ASM, Agitator 35"	\$ 255

Corp Stop and Nozzle Assembly		
Part No.	Description	Price
49290	1" Mueller Bronze Corp Stop Assembly with PP Nozzle Assembly (replaces P/N 27741)	\$ 432
49288	1" NPT Bronze Corp Stop with PP Nozzle Assembly (replaces P/N 10741)	\$ 484
49287	3/4" NPT Bronze Corp Stop Assembly with CPVC Nozzle Assembly (replaces P/N 10998)	\$ 445
10786-1	COUPLING, 1/2" NPT	\$ 58
30897	Cable ASM, CORP STOP 1" STD	\$ 70
30896	Cable ASM, CORP STOP 3/4	\$ 46
25335	NOZZLE ASM, CORP STOP	\$ 89

Fluoride Saturator		
Part No.	Description	Price
28850	Upflow Fluoride Saturator with 50 Gallon Tank	\$ 4,177
27161	Cover ASM, Saturator	\$ 2,974
10968	Distributor ASM, Saturator	\$ 352
28291	Switch ASM, LEVEL-Saturator	\$ 401
10847-1	Strainer, Fluoride Saturator	\$ 113
10828	Valve, Solenoid	\$ 330

Liquid Level and Low Level Switches		
Part No.	Description	Price
29190	Liquid Level Shutoff Switch for Series B7, C7	\$ 145
27417	LL Switch Asm w/Outlets for P&A - 35 Gal Tank, 115V	\$ 684
26731	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 115V	\$ 795
26732	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 230V, US Plug	\$ 689
33510	LL Switch Asm w/Outlets for P&A - 50 Gal Tank, 230V, US Plug	\$ 763
49246	Low Level Shutoff Switch for Excel AD2	\$ 323
49249	Switch, Dual Liquid Level - Excel AD8 & AD9	\$ 394

Tank Assemblies and Accessories		
Part No.	Description	Price
27421	*Tank Assembly, 10 Gallon	\$ 282
27400	*Tank Assembly, 35 Gallon (Flooded Suction)	\$ 684
26900	TANK ASM, Saturator	\$ 541
26350	**Tank Assembly, 50 Gallon	\$ 587
26637	Cover Tank, 50 Gallon	\$ 185
26350-1	*Tank with Cover, Drilled for Agitator	\$ 615
27300	Valve, 1/4 Angle PVC	\$ 322

*Note: Tanks are yellow UV Resistant PE

MFV Spare Part and Retrofit Kits		
Part No.	Description	Price
57708	MFV Spare Kit, 150 PSI, 1/2" NPT, Polyprel®	\$ 97
57709	MFV Spare Kit, 150 PSI, 1/2" NPT, PTFE	\$ 97
57710	MFV Spare Kit, 250 PSI, 1/2" NPT, Polyprel®	\$ 97
57711	MFV Spare Kit, 250 PSI, 1/2" NPT, PTFE	\$ 97
57706	MFV Retrofit Kit, 150 PSI	\$ 137
57707	MFV Retrofit Kit, 250 PSI	\$ 137
58062	MFV Pro Spare Kit, 150 PSI, 1/2" NPT, Polyprel®	\$ 250
58064	MFV Pro Spare Kit, 250 PSI, 1/2" NPT, Polyprel®	\$ 250
58060	MFV Pro Retrofit Kit, 150 PSI	\$ 288
58061	MFV Pro Retrofit Kit, 250 PSI	\$ 288

Calibration Cylinders		
Part No.	Description	Price
35643	Calibration Cylinder, 200 ml, Sealed Top	\$ 204
35644	Calibration Cylinder, 1000 ml, Sealed Top	\$ 225
35645	Calibration Cylinder, 200 ml, EZ Clean	\$ 156
35710	Calibration Cylinder, 1000 ml, EZ Clean	\$ 216
35861	Calibration Cylinder, 4000 ml, EZ Clean	\$ 465

Digi-Pulse Flow Monitors		
Part No.	Description	Price
FM-250	Digi-Pulse Flow Monitor for Legacy Liquid Ends with 3/8" Check Balls. Replaces FM-200, FM-201, FM-202, FM-203, FM-204	\$ 405
FM-259	Same as FM-250 w/ 3.5mm connector. Replaces FM-200-9	\$ 448
FM-350	For Legacy Liquid Ends with 1/2" Check Balls. Replaces FM-301 & FM-302	\$ 437
FM-359	Same as FM-350 w/ 3.5mm connector. Replaces FM-301-9 & FM302-9	\$ 448
FM-450	For 300 and 400 series LIQUIPRO liquid ends. Replaces FM-PRO	\$ 405
FM-459	Same as FM-450 w/ 3.5 mm connector. Replaces FM-PRO-9	\$ 448
FM-850	For 800 and 900 series Fastprime liquid ends. Replaces FM-ROY	\$ 405
FM-859	Same as FM-850 w/ 3.5mm connect. Replaces FM-	\$ 448
FM-879	Same as FM-850 w/ 4 pin connector. Replaces FM-RO'	\$ 530
33256	Magnet, Digipulse	\$ 64
55796	Reed Switch TRANSMITTER W/ 3.5MM CONNEC.	\$ 120
55789	Reed Switch TRANSMITTER W/ 4 PIN CONNECT.	\$ 134
55787	Reed Switch TRANSMITTER W/ FLYING LEADS	\$ 49

Micropace™ Control Modules		
Part No.	Description	Price
MP-100	Analog to Digital converter	\$ 323
MP-400D	4 Digit Divider	Obsolete
MP-500M	4 Digit Multiplier	Obsolete

Remote Programmable Divider		
Part No.	Description	Price
31271	DIVIDER ASM, PD-4	\$ 597

Remote Programmable Flowmeter - Pulsers		
Part No.	Description	Price
RFP-075	0.22 to 22 GPM (0.83 to 83 l/m), 3/4" NPT	\$ 1,118
59235	Flowmeter, RFP-075	\$ 497
RFP-100	0.44 to 52 GPM (1.7 to 196 l/m), 1" NPT	\$ 1,280
59236	Flowmeter, RFP-100	\$ 993
RFP-150	0.88 to 88 GPM (3.3 to 333 l/m), 1.5" NPT	\$ 1,861
59237	Flowmeter, RFP-150	\$ 1,218
RFP-200	1.75 to 130 GPM (7.5 to 499 l/m), 2" NPT	\$ 2,304
59238	Flowmeter, RFP-200	\$ 1,861
34566	FLOW CONTROLLER	\$ 920
59239	SENSOR ASM, RFP-075, 100, 150, 200	\$ 180

4FV Valve Assemblies		
Part No.	Description	Price
34626	Valve ASM, 4FV 1/2" Ball, PTFE	\$ 225
34627	Valve ASM, 4FV 1/2" Ball, Polyprel®	\$ 197

Suction Check Valves & Assemblies		
Part No.	Description	Price
48684	Suction Check Valve	\$ 58
48681	Suction Check Valve	\$ 73
48679	Suction Check Valve	\$ 98
48676	Suction Check Valve, 728, 738,	\$ 43
48677	Suction Check Valve, 812	\$ 58
48678	Suction Check Valve, 813	\$ 56
48680	Suction Check Valve, 823, 833,	\$ 98
48682	Suction Check Valve, 915	\$ 98
48683	Suction Check Valve, 919	\$ 98
48685	Suction Check Valve, 925, 935	\$ 98
48686	Suction Check Valve, 929, 939,	\$ 98
48768	Suction Check Valve, SS	\$ 173
49163	Valve ASM, SUC	\$ 98
38020	Valve ASM, SUC 1/2" PVC	Obsolete
36421	Valve ASM, SUC 1/2" PVDF	\$ 53
36360	Valve ASM, SUC 1/2" PVDF	\$ 76
36504	Valve ASM, SUC 1/4" NPT	\$ 53
36424	Valve ASM, SUC 1/4" NPT	\$ 55
36366	Valve ASM, SUC 1/4" NPT	\$ 76
38018	Valve ASM, SUC 1/4" PVC	Obsolete
36415	Valve ASM, SUC 1/4" PVDF	\$ 98
37846	Valve ASM, SUC 1/4" PVDF Polyprel	\$ 51
38019	Valve ASM, SUC 3/8" PVC	Obsolete
36354	Valve ASM, SUC 3/8" PVDF	\$ 76
36418	Valve ASM, SUC 3/8" PVDF	\$ 76
10562	Valve ASM, SUC LE-20/21	\$ 60
33482	Valve ASM, SUC LE-22/32/32S	\$ 147
26020	Valve ASM, SUC LE-24	\$ 89
27053	Valve ASM, SUC LE-25HV/76PB	\$ 92
25157	Valve ASM, SUC LE-25T	\$ 77
10564	Valve ASM, SUC LE-26/26S	\$ 60
25412	Valve ASM, SUC LE-26T	\$ 65
26014	Valve ASM, SUC LE-35P	\$ 99
25662	Valve ASM, SUC LE-76/86,	\$ 70
25202	Valve ASM, SUC LE-82T	\$ 53
49088	Valve ASM, SUC PVC/AFL/CER	\$ 49
49090	Valve ASM, SUC PVDF/AFL/CER	\$ 52
49089	Valve ASM, SUC PVDF/AFL/CER	\$ 98
49094	Valve ASM, SUC PVDF/AFL/PTFE	\$ 59
49093	Valve ASM, SUC PVDF/AFL/PTFE	\$ 98
49092	Valve ASM, SUC PVDF/PTFE/CER	\$ 98

Discharge Valve Assemblies		
Part No.	Description	Price
10561	Valve ASM, DIS LE-20	\$ 73.00
30481	Valve ASM, DIS LE-20PB/66PB/76PB/ 86PB	\$ 95.00
33536	Valve ASM, DIS LE-22/32	\$ 98.00
27052	Valve ASM, DIS LE-25HV/76-86PB	\$ 86.00
26013	Valve ASM, DIS LE-25P/35	\$ 115.00
25156	Valve ASM, DIS LE-25T	\$ 99.00
10563	Valve ASM, DIS LE-26	\$ 83.00
25411	Valve ASM, DIS LE-26T	\$ 79.00
26019	Valve ASM, DIS LE-34	\$ 111.00
27530	Valve ASM, DIS LE-37	\$ 361.00
25661	Valve ASM, DIS LE-76/86,	\$ 81.00
25201	Valve ASM, DIS LE-82T	\$ 63.00
49098	Valve ASM, DIS SPRING	\$ 98.00

Seal Rings Kits		
Part No.	Description	Price
10930	Kit, Seal Ring Teflon	\$ 49
25197	Kit, Seal Ring Teflon	\$ 58
10884	Kit, Seal Ring VITON 1/2	\$ 83
10928	Kit, Seal Ring VITON 3/8	\$ 41

Foot Valves & Assemblies		
Part No.	Description	Price
48720	Foot Valve, 812	\$ 83
48724	Foot Valve, 813	\$ 83
48723	Foot Valve, 822, 832, 842	\$ 84
48725	Foot Valve, 823, 833, 843	\$ 84
48718	Foot Valve, 910, X18	\$ 83
49164	Foot Valve, 910A, 918A	\$ 84
48726	Foot Valve, 915	\$ 84
48719	Foot Valve, 919	\$ 83
48721	Foot Valve, 920, 930, 940	\$ 83
49165	Foot Valve, 920A, 928A	\$ 83
48727	Foot Valve, 925, 935, 945	\$ 84
48722	Foot Valve, 929, 939, 949	\$ 84
48873	Foot Valve, 3/8" PVC/TFE	\$ 83
49107	Foot Valve, PP/PTFE/CER, 455	\$ 84
49108	Foot Valve, PP/PTFE/CER, 465, 495	\$ 84
49100	Foot Valve, PVC/AFL/CER, 3/468, 3/498, 460, 490	\$ 83
49099	Foot Valve, PVC/AFL/CER, 358, 450, 458	\$ 73
49101	Foot Valve, PVDF/AFL/CER, 352	\$ 84
49102	Foot Valve, PVDF/AFL/CER, 362, 392	\$ 83
49106	Foot Valve, PVDF/AFL/PTFE, 469, 499	\$ 83
49103	Foot Valve, PVDF/PTFE/CER, 353	\$ 84
49104	Foot Valve, PVDF/PTFE/CER, 363, 393	\$ 84
38271	Valve ASM, Foot	\$ 115
27535	Valve ASM, Foot LE-27/37	\$ 716
36358	Valve ASM, Foot 1/2"	\$ 83
38033	Valve ASM, Foot 1/2"	Obsolete
36419	Valve ASM, Foot 1/2" PVDF Polyprel	\$ 83
36346	Valve ASM, Foot 1/4"	\$ 83
36413	Valve ASM, Foot 1/4"	\$ 84
36502	Valve ASM, Foot 1/4" NPT	\$ 83
36352	Valve ASM, Foot 3/8"	\$ 83
37845	Valve ASM, Foot 3/8" PVDF Polyprel	\$ 83
10153	Valve ASM, Foot LE-20/20S	\$ 122
26021	Valve ASM, Foot LE-24/34	\$ 122
26015	Valve ASM, Foot LE-25P	\$ 122
25154	Valve ASM, Foot LE-25T, 35T	\$ 122
10253	Valve ASM, Foot LE-26/26S	\$ 122
25977	Valve ASM, Foot LE-36	\$ 118
33480	Valve ASM, FT LE-32, 32S	\$ 133

Pressure Relief Valves		
Part No.	Description	Price
35635	Pressure Relief, 1/4" PVC	\$ 334
35636	Pressure Relief, 1/4" PP	\$ 347
35844	Pressure Relief, 1/4" PVDF	\$ 1,177
35845	Pressure Relief, 1/4" SS	Obsolete
35639	Pressure Relief, 1/2" PVC	\$ 318
35640	Pressure Relief, 1/2" PP	\$ 318
35848	Pressure Relief, 1/2" PVDF	\$ 1,584
35849	Pressure Relief, 1/2" SS	\$ 1,458
35852	Pressure Relief, 1" PVC	\$ 1,078
35853	Pressure Relief, 1" PP	\$ 946
35854	Pressure Relief, 1" PVDF	\$ 1,899
35855	Pressure Relief, 1" SS	\$ 1,772

Back Pressure Valves		
Part No.	Description	Price
35637	Back Pressure, 1/4" PVC	\$ 372
35638	Back Pressure, 1/4" PP	\$ 763
35846	Back Pressure, 1/4" PVDF	\$ 1,155
35847	Back Pressure, 1/4" SS	\$ 1,029
35641	Back Pressure, 1/2" PVC	\$ 311
35642	Back Pressure, 1/2" PP	\$ 328
35850	Back Pressure, 1/2" PVDF	\$ 1,280
35851	Back Pressure, 1/2" SS	\$ 1,150
35856	Back Pressure, 1" PVC	\$ 1,051
35857	Back Pressure, 1" PP	\$ 898
35858	Back Pressure 1" PVDF	\$ 1,805
35859	Back Pressure, 1" SS	\$ 1,680

Injection Valves & Assemblies		
Part No.	Description	Price
48731	Injection Valve, 8X2	\$ 78
48732	Injection Valve, 8X3	\$ 98
48728	Injection Valve, 9X0, XX8	\$ 78
48729	Injection Valve, 9X5	\$ 81
48730	Injection Valve, 9X9	\$ 81
38027	Valve ASM, INJ 1/2" PVC	Obsolete
37358	Valve ASM, INJ 1/2" PVDF	\$ 98
37360	Valve ASM, INJ 1/4" NPT	\$ 92
38025	Valve ASM, INJ 1/4" PVC	Obsolete
37354	Valve ASM, INJ 1/4" PVDF	\$ 98
37848	Valve ASM, INJ 1/4" PVDF	\$ 120
27080	Valve ASM, INJ 25HV 75HV	\$ 114
38026	Valve ASM, INJ 3/8" PVC	Obsolete
37356	Valve ASM, INJ 3/8" PVDF	\$ 92
25273	Valve ASM, INJ 71F5 81F5	Obsolete
32514	Valve ASM, INJ Check SS	\$ 109
25073	Valve ASM, INJ CHK	Obsolete
25178	Valve ASM, INJ CK	Obsolete
25687	Valve ASM, INJ CK	Obsolete
25029	Valve ASM, INJ CK	Obsolete
26851	Valve ASM, INJ CK LE-20/21	\$ 98
25663	Valve ASM, INJ CK LE-20H	\$ 117
33481	Valve ASM, INJ CK LE-22/32/32S	\$ 132
26716	Valve ASM, INJ CK LE-24/34/24WK/34WK	\$ 148
26710	Valve ASM, INJ CK LE-25P/35P	\$ 160
26758	Valve ASM, INJ CK LE-25T	\$ 117
26751	Valve ASM, INJ CK LE-26	\$ 117
27534	Valve ASM, INJ CK LE-27/37	\$ 856
26713	Valve ASM, INJ CK LE-30/36	\$ 117
32088	Valve ASM, INJ. Check	Obsolete
32515	Valve ASM, Check 316 SS	\$ 89

Valve Seats		
Part No.	Description	Price
10792-1	Valve Seat, .375 X 1/4	\$ 47
26032	Valve Seat, 1/2 NPT PP	\$ 65
26001	Valve Seat, 1/2 NPT PVC	\$ 65
10792	Valve Seat, 1/2 Tubing	\$ 34
31937	Valve Seat, 1/2 Tubing	\$ 60
10492	Valve Seat, 1/2 Tubing PVC	\$ 32
35420	Valve Seat, 1/2" NPT	\$ 243
10492-1	Valve Seat, 1/4 NPT	\$ 34
31561-1	Valve Seat, 1/4 NPT PVDF	\$ 65
28664	Valve Seat, 1/4 Tubing	Obsolete
28882	Valve Seat, 1/4 Tubing	Obsolete
10292	Valve Seat, 3/8 OD TUB PVC	Obsolete
10392	Valve Seat, 3/8 Tubing	Obsolete
25600	Valve Seat, Foot PP	\$ 39
10978	Valve Seat, PP	Obsolete
25649	Valve Seat, PP	\$ 37
30383	Valve Seat, PVC	Obsolete
26839	Valve Seat, PVDF 3/8 TUB	Obsolete
25106	Valve Seat, SUC PP 1/2	\$ 41
10206	Valve Seat, Suction PVC	\$ 29

Tubing Connector Assemblies & Connection Systems		
Part No.	Description	Price
26114	PP, .375" O.D. Tubing x 1/2" NPT M	Obsolete
28381	PP, .250" O.D. Tubing x 1/2" NPT M	\$ 50
10482	PP, .375" O.D. Tubing x 1/4" NPT M	\$ 12
10804	PP, .5" O.D. Tubing x 1/2" NPT M	\$ 50
10895	PVC, .5" O.D. Tubing x 1/2" NPT M	\$ 50
77382	Tubing Connection Kit, 1/4"	\$ 21
77383	Tubing Connection Kit, 3/8"	\$ 21
77384	Tubing Connection Kit, 1/2"	\$ 21
77378	Tubing Connection Kit, 3X6MM	\$ 21
77379	Tubing Connection Kit, 6X8MM	\$ 21
77380	Tubing Connection Kit, 9X12MM	\$ 19
48378	Coupling Nut for Tubing Connection System	\$ 13
28896	Connector ASM,	Obsolete
25650	Connector, 1/2 NPT	\$ 38
10833	Connector, 3/8 Tube PP	\$ 27
28804	Connector, Tubing	Obsolete
50618	Coupling nut, PP, Tubing Containment Kit 1/4" & 3/8"	\$ 105
49216	Right Angle adapter for Autoprime™ LE accessories	\$ 122

AutoPrime Valve Components		
Part No.	Description	Price
48707	Autoprime Discharge Cartridge	\$ 47
48706	Autoprime Discharge Cartridge	\$ 56
48704	Autoprime Discharge Check	\$ 98
48705	Autoprime Discharge Check	\$ 98
48709	Autoprime Shuttle Cartridge	\$ 84
48708	Autoprime Shuttle Valve	\$ 101

FastPrime Valve Components		
Part No.	Description	Price
48767	Discharge Check Valve, SS	\$ 173
48551	Fastprime Cartridge Valve, 915	\$ 30
48549	Fastprime Cartridge Valve, 920	\$ 30
48552	Fastprime Cartridge Valve, 925	\$ 30
48698	Fastprime Cartridge Valve, 929	\$ 30
48848	Fastprime Valve xx8, 9x0	\$ 58
48699	Fastprime Valve, 8X2, 9X9	\$ 50
48700	Fastprime Valve, 8X3	\$ 46
48701	Fastprime Valve, 9X5	\$ 52
48670	Fastprime Discharge CV	\$ 57
48672	Fastprime Discharge CV	\$ 98

Valve Housings		
Part No.	Description	Price
10793-1	Valve Housing, .375 X	\$ 53
25173	Valve Housing, .500 X 1/2 PP	\$ 47
10793	Valve Housing, 1/2	\$ 38
26033	Valve Housing, 1/2 NPT	\$ 70
10493	Valve Housing, 1/2 Tubing PVC	\$ 31
10273	Valve Housing, 1/2 Tubing PVC	\$ 32
31562	Valve Housing, 1/2 Tubing PVDF	\$ 55
35585	Valve Housing, 1/2" NPT	\$ 144
31938	Valve Housing, 1/2" Tubing	\$ 70
28665	Valve Housing, 1/4	Obsolete
28883	Valve Housing, 1/4	Obsolete
10493-1	Valve Housing, 1/4 NPT	\$ 37
31562-1	Valve Housing, 1/4 NPT	\$ 70
10393	Valve Housing, 3/8	Obsolete
10293	Valve Housing, 3/8 OD Tubing PVC	Obsolete
31332	Valve Housing, BARBED PP	\$ 34
30375	Valve Housing, PVC	Obsolete
26840	Valve Housing, PVDF 3/8	Obsolete
25199	Valve Housing, UHMWPE	\$ 155
26024	Valve, 1/2 NPT PVC	\$ 73

Tubing*		
Part No.	Description	Price
25636-500	Tubing PE, .250 OD X .062, 500 FEET	\$ 660
28636-500	Tubing PE, .250 OD X .062, 500 FEET	\$ 702
25636-16	Tubing PE, .250 X .062, 16 FEET	\$ 33
27342-500	Tubing PE, .375 OD X .062, 500 FEET	\$ 836
27142-500	Tubing PE, .500 OD X .062, 500 FEET	\$ 752
10469-500	Tubing VINYL, .375 OD X .062, 500 FT	\$ 633
10469-06	Tubing VINYL, .375 OD X .062, 6 FEET	\$ 15
25651-50	Tubing VINYL, .938 OD X .15, 50 FT	\$ 657
10342-500	Tubing, .375 OD X .062 PE, 500 FEET	\$ 633
10142-500	Tubing, .500 OD X .062 PE, 500 FEET	\$ 673
10141-500	Tubing, .500 OD X .062 VINYL, 500 FEET	Obsolete
54783	Tubing, UV Kit, 1/4"	Obsolete
54784	Tubing, UV Kit, 3/8"	\$ 65

Note*-To purchase tubing in foot increments, contact your local distributor.

Cords & Cordsets		
Part No.	Description	Price
30926	Cord ASM, 115V	\$ 70
26293	Cord ASM, 115V B & C	\$ 70
29033CE	Cord ASM, 115V CE	\$ 70
26297	Cord ASM, 220-250V DIN B	\$ 41
29788	Cord ASM, 240V	\$ 42
48851	Cord, POWER USA 120V	\$ 73
48231	Cord, POWER USA 120V	Obsolete
48852	Cord, POWER USA 230V	\$ 65
48414	Cordset, 5-PIN REVERSE KEY	\$ 96
48490	Cordset, 5 pin, 2M / 6.6 FT	\$ 96
49035	Cordset, 6 pin, 2M / 6.6 FT	\$ 117
48488	Cordset, Adapter, Old 4 pin to 5 pin	\$ 84
57958	Cable Adapter, MP-100 for PD7	\$ 111

Connectors & Cable Assemblies		
Part No.	Description	Price
49253	3 Pin Connector (4 Pin standard key)	\$ 117
33796	Cable ASM, 4 PIN/4 WIRE	\$ 68
33738	Cable ASM, 8 PIN/8WIRE	\$ 57
33833	Cable ASM, HALL EFFECT	\$ 119
31277	Connector ASM, 8 PIN	\$ 46
25643	Connector FEMALE, Cable 4-PIN	\$ 19
25644	Connector MALE, Cable 4-PIN	\$ 37
48490	Connector, 5-PIN REVERSE KEY	\$ 96
50503-15	EXTENSION Cable, 15 M / 49.2FT	\$ 307
50503-6	EXTENSION Cable, 6 M / 19.7FT	\$ 180
26034-20	Cable Asm, 4-Pin Extension 20'	\$ 123
26034-50	Cable Asm, 4-Pin Extension 50'	\$ 202
31396-25	Cable Asm, 8-Pin Extension 25'	\$ 436
50703	Cable ASM, Hall Effect - EXCEL AD9	\$ 215
50503-6	5 Pin Extension Cable, 6 M / 19.7 FT	\$ 180
50684-6	6 Pin Extension Cable, 6 M / 19.7 FT	\$ 250

Control Panel Assemblies		
Part No.	Description	Price
48594	Control Panel AD2	\$ 250
50663	PULSER ASM, AD2	\$ 533
48595	Control Panel AD8	\$ 271
50664	PULSER ASM, AD8	\$ 572
48596	Control Panel AD9	\$ 285
50665	PULSER ASM, AD9	\$ 703
33212	Control Panel ASM, 230V	\$ 839
36229	Control Panel ASM, B121, B131, B141	\$ 515
33211	Control Panel ASM, B7/C7	\$ 769
34093	Control Panel ASM, B711	\$ 769
35895CE	Control Panel ASM, B92/B93/B94 115V	\$ 1,872
36237	Control Panel ASM, C101/C111	\$ 531
36240	Control Panel ASM, C121	\$ 454
36243	Control Panel ASM, C131	\$ 531
36246	Control Panel ASM, C141	\$ 480
33814	Control Panel ASM, C701/C711	\$ 680
33816	Control Panel ASM, C721	\$ 1,090
33817	Control Panel ASM, C72x	\$ 875
33818	Control Panel ASM, C731	\$ 875
33819	Control Panel ASM, C73x	\$ 875
33821	Control Panel ASM, C74x	\$ 875
33822	Control Panel ASM, C781	\$ 875
33823	Control Panel ASM, C78x	\$ 875
35960CE	Control Panel ASM, C901/C911 115V	\$ 1,375
35962CE	Control Panel ASM, C921 115 V	\$ 1,375
35964CE	Control Panel ASM, C931 115V	\$ 1,375
35966CE	Control Panel ASM, C941 115V	\$ 1,375
33820	Panel ASM, CONTROL	\$ 950
36256	Panel W/NAMEPLATE, B1/C1	\$ 50
10627	Varistor ASM, 220-250V	\$ 18
31255	Varistor ASM, 240V	\$ 17
31898	STROKE ADJ ASM, B SERIES	\$ 115
36254	PULSER, FIXED	\$ 149

EPU & Spacers		
Part No.	Description	Price
26893	EPU & Spacer ASM, "B"	\$ 726
26893CE	EPU & Spacer ASM, "B"	\$ 726
26897	EPU & Spacer ASM, "B"	\$ 726
32534CE	EPU & Spacer ASM, "C"	\$ 1,188
32536CE	EPU & Spacer ASM, "C"	\$ 1,188
32534	EPU & Spacer ASM, "C" 1.8SI 120V	\$ 1,188
32536	EPU & Spacer ASM, "C" 3.0SI 120V	\$ 1,188
32329	EPU & Spacer ASM, C771	\$ 1,484
30240	EPU ASM W/DISK, 0.5	\$ 408
30107	EPU ASM W/DISK, 0.5	\$ 408
30242	EPU ASM W/DISK, 0.9	\$ 408
32158CE	EPU ASM, 120V C7 C9 CE	\$ 963
32314	EPU ASM, 120V C781	\$ 1,484
32158	EPU ASM, 120V, CX01,CX11	\$ 963
32159	EPU ASM, 220/240V	\$ 963
30154	EPU ASM, 3.0 82 OHMS	\$ 408
32239	EPU ASM, C761/C771	\$ 1,484
31929CE	EPU W/STROKE ADJ, "B"	\$ 628
31927CE	EPU W/STROKE ADJ, "B"	\$ 726
31927	EPU W/STROKE ADJ, "B" 0.9 115V (D SHAFT)	\$ 726
31929	EPU W/STROKE ADJ, "B" 1.8 115V (D SHAFT)	\$ 726
30155	EPU, 3.0 330 OHMS	\$ 299
30531	EPU, 3.0 313 OHMS 240V	\$ 432
31862	EPU, 3.0 82 OHMS	\$ 289
30530	EPU, 3.0 82 OHMS 120 V	\$ 408
35394	Spacer W/PLUG 5X5 1.8	\$ 101
35395	Spacer W/PLUG 5X5 3.0	\$ 101
35837	Spacer, 0.9 W/O Bosses	\$ 99
35838	Spacer, 1.8 W/O Bosses	\$ 148
27516	Spacer, 1.8SI 4.2C	\$ 169
35839	Spacer, 3.0 W/O Bosses	\$ 141
27517	Spacer, 3.0SI 4.2C	\$ 99
36905	Spacer, FM-PRO	\$ 26

Seal Ring Kits		
Part No.	Description	Price
25197	Kit, Seal Ring PTFE 1/2" Ball	\$ 58
10930	Kit, Seal Ring , PTFE 3/8" Ball	\$ 49
10884	Kit, Seal ring, Viton® 1/2" Ball	\$ 83
10928	Kit, Seal ring, Viton® 3/8" Ball	\$ 41
29570	Kit, Seal Ring, Polyprel® 3/8" Ball	\$ 57

Accessories		
Part No.	Description	Price
10461	Pump Mounting Kit	\$ 38
34643	Polypropylene Wall Bracket Asm w/ mounting hardware	\$ 111
48603	Clear Cover for EXCEL™ AD	\$ 24
37144	Kit, Hastelloy C head screws [4], 10-24 x 0.75	\$ 164

Heads		
Part No.	Description	Price
28390	Head, 0.5 Acrylic	\$ 242
38571	Head, 0.5 Acrylic HV	\$ 334
38571-1	Head, 0.5 Acrylic HV	\$ 470
38578	Head, 0.5 Machined	\$ 225
38579	Head, 0.5 Machined PVC	\$ 204
37750	Head, 0.5 Molded PVC	\$ 89
37980	Head, 0.5 Molded PVDF(DEEP COR	\$ 132
28391	Head, 0.5 PP	\$ 353
38572	Head, 0.5 PP HV	\$ 290
38572-1	Head, 0.5 PP HV	\$ 430
29609	Head, 0.5 PVDF	\$ 146
32506	Head, 0.5 SS 316	\$ 491
38568	Head, 0.9 Acrylic HV	\$ 242
25550	Head, 0.9 Acrylic HV	\$ 267
38568-1	Head, 0.9 Acrylic HV	\$ 282
38561	Head, 0.9 Machined	\$ 225
38562	Head, 0.9 Machined PVC	\$ 196
37752	Head, 0.9 Molded PVC	\$ 101
38569-1	Head, 0.9 PP HV	\$ 286
38569	Head, 0.9 PP HV	\$ 300
26050-1	Head, 0.9 PP HV	\$ 420
29611	Head, 0.9 PVDF	\$ 205
32507	Head, 0.9 SS 316	\$ 557
38592	Head, 1.8 Acrylic HV	\$ 250
38592-1	Head, 1.8 Acrylic HV	\$ 295
38595	Head, 1.8 Acrylic MACH	\$ 258
37742	Head, 1.8 Machined PVC	\$ 334
37754	Head, 1.8 Molded PVC	\$ 167
38593	Head, 1.8 PP HV	\$ 265
26040	Head, 1.8 PP HV	\$ 328
38593-1	Head, 1.8 PP HV	\$ 361
38596	Head, 1.8 PVC Machined	\$ 264
27214	Head, 1.8 PVDF	\$ 167
32508	Head, 1.8 SS 316	\$ 635
27511	Head, 1.8 UHMWPE SLURRY	\$ 306
27394	Head, 3.0 316 SS	\$ 1,965
10524	Head, 3.0 Acrylic	\$ 354
10524-3	Head, 3.0 Acrylic	\$ 367
37745	Head, 3.0 Machined PVC	\$ 294
37756	Head, 3.0 Molded PVC	\$ 187
10681	Head, 3.0 PP	\$ 462
10681-4	Head, 3.0 PP	\$ 666
10681-3	Head, 3.0 PP HV	\$ 400
10525	Head, 3.0 PVC	\$ 354
31053	Head, 3.0 PVDF Molded	\$ 220
32509	Head, 3.0 SS 316	\$ 530
25718	Head, 6.0 Acrylic	\$ 596
25906	Head, 6.0 PP	\$ 415
25906-3	Head, 6.0 PP HV	\$ 476
25905	Head, 6.0 PVC	\$ 415
48429	Head, Autoprime SC3 PVC	\$ 225
48743	Head, Autoprime, 0.5 ACL	\$ 245
48744	Head, Autoprime, 0.9 ACL	\$ 296
48745	Head, Autoprime, 1.8 ACL	\$ 235
48748	Head, Autoprime, 1.8 PVC	\$ 330
50529	Head, Autoprime, 3.0 ACL	\$ 398
50530	Head, Autoprime, 3.0 PVC	\$ 245
48422	Head, Autoprime, SC1 ACL	\$ 385
48423	Head, Autoprime, SC1 PVC	\$ 197
48425	Head, Autoprime, SC2 ACL	\$ 245
48426	Head, Autoprime, SC2 PVC	\$ 236
48428	Head, Autoprime, SC3 ACL	\$ 331
48431	Head, Autoprime, SC4 ACL	\$ 358
48432	Head, Autoprime, SC4 PVC	\$ 214

Heads		
Part No.	Description	Price
36156	Head, Machined 0.5 Acrylic	\$ 264
36157	Head, Machined 0.9	\$ 203
36159	Head, Machined 3.0	\$ 305
49329	Head, Machined SC2 HV Acrylic	\$ 213
49332	Head, Machined SC2 HV Ported PP	\$ 444
49331	Head, Machined SC2 HV PP	\$ 191
49334	Head, Machined SC3 HV Acrylic	\$ 259
49337	Head, Machined SC3 HV Ported PP	\$ 444
49336	Head, Machined SC3 HV PP	\$ 191
49339	Head, Machined SC4 HV Acrylic	\$ 214
49342	Head, Machined SC4 HV Ported PP	\$ 444
49341	Head, Machined SC4 HV PP	\$ 191
48214	Head, Machined, SC1 ACL	\$ 194
48216	Head, Machined, SC1 PP	\$ 237
48218	Head, Machined, SC2 ACL	\$ 201
48220	Head, Machined, SC2 PP	\$ 209
48219	Head, Machined, SC2 PVC	\$ 156
48222	Head, Machined, SC3 ACL	\$ 360
48224	Head, Machined, SC3 PP	\$ 217
48226	Head, Machined, SC4 ACL	\$ 220
36128	Head, Molded 3.0 PVDF	\$ 247
48363	Head, Molded Fastprime SC2	\$ 107
48364	Head, Molded Fastprime SC2	\$ 114
48366	Head, Molded Fastprime SC3	\$ 167
48367	Head, Molded Fastprime SC3	\$ 185
48370	Head, Molded Fastprime SC4	\$ 166
48369	Head, Molded Fastprime SC4	\$ 173
48471	Head, SC1, 316 SS	\$ 530
48472	Head, SC2, 316 SS	\$ 517
48473	Head, SC3, 316 SS	\$ 530
48474	Head, SC4, 316 SS	\$ 530

Pump Housings		
Part No.	Description	Price
28970	Housing ASM, 115V B7 BE	\$ 265
49031	Housing ASM, 120 V	Obsolete
28983	Housing ASM, 220-240V	\$ 281
35949CE	Housing ASM, B9X1/C9X1	\$ 285
35956CE	Housing ASM, B9X6/C9X6	\$ 306
32405	Housing ASM, C7X6	\$ 294
28925	Housing LESS WIRES	\$ 170
35398	Housing, 5 X 5 W/PG9	\$ 165
48599	Housing, AD	\$ 353
29256	Housing, B1 SERIES	\$ 228
35890	Housing, B9/C9	\$ 389
35404	Housing, LESS WIRES	\$ 271

Liquiframs		
Part No.	Description	Price
30916	Liquifram, 0.5 Fluorfilm	\$ 124
30917	Liquifram, 0.9 Fluorfilm	\$ 124
31420	Liquifram, 1.8 Fluorfilm	\$ 124
31419	Liquifram, 3.0 Fluorfilm (NON FABRIC)	\$ 124
25719	Liquifram, 6.0 Fluorfilm (NON FABRIC)	\$ 167
55322	Liquifram, SC0 Fluorfilm	\$ 124
48186	Liquifram, SC1	\$ 124
48187	Liquifram, SC2	\$ 124
48188	Liquifram, SC3	\$ 124
48189	Liquifram, SC4	\$ 124

**VOLUME SPARES
SOLD IN QTY MULTIPIES SPECIFIED**

Balls			
Part No.	Description	QTY	Price
26323	Ball GUIDE, .500 DIA	10	\$ 130
26025	Ball, .188 Teflon	10	Obsolete
10338	Ball, .375 Ceramic	10	\$ 100
10659	Ball, .375 SS	10	\$ 100
10444	Ball, .375 Teflon	10	\$ 100
10138	Ball, .500 Ceramic	10	\$ 170
25042	Ball, .500 SS	10	\$ 110
10601	Ball, .500 Teflon	10	\$ 120

Bushings			
Part No.	Description	QTY	Price
27301	Bushing, .375 ID X .375	10	\$ 150
25344	Bushing, .71ID X .75OD X .75 NY	10	\$ 80
32862	Bushing, SHAFT AX1S	10	Obsolete

Cartridges			
Part No.	Description	QTY	Price
36303	Cartridge ASM, .281	10	\$ 430
36304	Cartridge ASM, .281	10	\$ 430
36307	Cartridge ASM, .375 [PVDF/POLYPREL]	10	\$ 300
36306	Cartridge ASM, .375 [PVDF/Teflon]	10	\$ 430
37857	Cartridge ASM, .375 PVC/POLYPREL	10	\$ 300
49097	Cartridge SUB ASM, Spring	10	\$ 470
37334	Liquid End Cartridge	10	\$ 300
37337	Liquid End Cartridge	10	\$ 300
37858	Liquid End Cartridge	10	\$ 300
37859	Liquid End Cartridge	10	\$ 300
37335	Liquid End Cartridge	10	\$ 360
37338	Liquid End Cartridge	10	\$ 380
48545	Cartridge Valve, 915, 813	10	\$ 300
48543	Cartridge Valve, 920, 930, 940	10	\$ 300
48546	Cartridge Valve, 925, 935, 945	10	\$ 300
48692	Cartridge Valve, 929, 939, 949	10	\$ 300
48795	Injection VLV Cartridge	10	\$ 300

Connectors			
Part No.	Description	QTY	Price
27397	CONNECTOR, MALE 35	10	\$ 140

Liquid End Adapter Disks			
Part No.	Description	QTY	Price
29445	Disk, 0.5	10	\$ 130
29437	Disk, 0.9	10	\$ 120
48167	Disk, LE Adapter SC1	10	\$ 130
48168	Disk, LE Adapter SC2	10	\$ 140
48169	Disk, LE Adapter SC3	10	\$ 120
48170	Disk, LE Adapter SC4	10	\$ 120

Ferrules			
Part No.	Description	QTY	Price
50508	Ferrule 1/4" ferrule kit (50 pcs)	50*	\$ 73
50509	Ferrule 3/8" ferrule kit	50*	\$ 142
50510	Ferrule 1/2" ferrule kit	50*	\$ 142

*

Gaskets			
Part No.	Description	QTY	Price
30803	Gasket, NEOPRENE	10	\$ 70
34118	Gasket, PACK JOINT	10	\$ 120
34115	Gasket, PACK JOINT	10	\$ 90
10465	GROMMET, .25 X .56 NEOPRENE	10	\$ 60

Labels			
Part No.	Description	QTY	Price
30643	Label COVER, CLEAR	50	\$ 300
35184	Label SET, SILVER (BLANK)	50	\$ 450
28410	Label, MODEL # FIELD	10	\$ 80

Knobs and Stroke Dials			
Part No.	Description	QTY	Price
31891	KNOB ASM, "B" SERIES	10	\$ 170
30709	KNOB, PUSH-ON	10	\$ 150
27097	STICKER, Stroke Dial DX4	10	\$ 110
25882	Stroke Dial, BX1	10	\$ 110
32465	Stroke Dial, CX1	10	\$ 110
32466	Stroke Dial, CX2/CX6	10	\$ 110
32467	Stroke Dial, CX3	10	\$ 120

Boxes and Packing Inserts			
Part No.	Description	QTY	Price
30414	Box, "U" AND "P" PUMP	10	\$ 140
37394	Box, 15 1/8 X 10 5/8 X 10 13/16 BROWN PRINT	10	\$ 220
27226	Box, 20 1/4 X 20 1/4 X 31	10	\$ 730
25299	Box, OUTER 12 X 9 X 11	10	\$ 170
25970	Box, Tank 50 GALLON	10	\$ 920
31032	INSERT, "B" SERIES	10	\$ 90
25301	INSERT, PACKING PSF	10	\$ 240

Brackets			
Part No.	Description	QTY	Price
10746	BRACKET, PUMP HOLD-DOWN	10	\$ 160

Cap Plug Assemblies			
Part No.	Description	QTY	Price
36280	Cap ASM, A/S	10	Obsolete
36260	Cap ASM, Relief	10	Obsolete
25985	Cap ASM, Tank	10	\$ 260
10437	Cap, Plug .516 OD PE	10	\$ 60
27039	Cap, Plug 5.25OD PE	10	\$ 100
26779	Cap, Plug PE Black 10 GAL Tank	10	\$ 70
25125	Cap, SLEEVE .69OD PE	10	\$ 60
25630	Cap, Tube	10	\$ 60
34114	Plug, Audio 3.5 MM	10	\$ 80
10436	Plug, Cap .375 OD, PE (Yellow)	10	\$ 60
30744	Plug, Cap 1-14	10	\$ 60
10346	Plug, PE (Black)	10	\$ 60
25648	Plug, 3/4 - 16 PP Yellow	10	\$ 70

Tubing and Hose Clamps			
Part No.	Description	QTY	Price
37203	Clamp Ring, 1/2" Tubing SST	50	\$ 350
26136	Clamp Ring, 3/8 OD Tubing	50	\$ 350
25652	Clamp, Hose	10	\$ 110

Coupling Nuts and Relief Tubing Nuts			
Part No.	Description	QTY	Price
10411	Coupling Nut, PP 1/2	10	\$ 140
10299	Coupling Nut, PP 3/8	10	\$ 110
25628	Nut, 6-32 X HEX SS	10	\$ 80
25631	Nut, Relief Tubing	10	\$ 90

Plastic Dowel			
Part No.	Description	QTY	Price
28898	DOWEL, PLASTIC .250 OD X 1.75L	10	\$ 70

Fittings			
Part No.	Description	QTY	Price
48791	Fitting DBL Ball w/ O-Ring, PVC/Polyprel®	10	\$ 260
48792	Fitting DBL Ball w/ O-Ring, PVDF/Polyprel®	10	\$ 260
48793	Fitting DBL Ball w/ O-Ring, PVDF/PTFE	10	\$ 260
48794	Fitting DBL Ball w/ O-Ring, Polyprel®/PTFE	10	\$ 260
48787	Fitting SGL Ball w/ O-Ring, PVC/Polyprel®	10	\$ 220
48788	Fitting SGL Ball w/ O-Ring, PVDF/Polyprel®	10	\$ 220
48789	Fitting SGL Ball w/ O-Ring, PVDF/PTFE	10	\$ 220
48790	Fitting SGL Ball w/ O-Ring, Polyprel®/PTFE	10	\$ 220
37763	Fitting with Washer	10	Obsolete
37765	Fitting with Washer	10	Obsolete
37767	Fitting with Washer	10	Obsolete
37769	Fitting with Washer	10	Obsolete
37117	Fitting with Washer, 1/2" Tubing PVDF (CART)	10	\$ 320
37119	Fitting with Washer, 1/4" NPT PVDF (CART)	10	\$ 320
37113	Fitting with Washer, 1/4" Tubing PVDF (CART)	10	\$ 320
37115	Fitting with Washer, 3/8" Tubing PVDF (CART)	10	\$ 320
48617	Fitting, Injection VLV, PVC	10	\$ 270
48618	Fitting, Injection VLV, PVDF	10	\$ 380
26841	Fitting, Injector	10	Obsolete
25108	Fitting, Injector 1/2 PP	10	\$ 390
10394	Fitting, Injector 3/8 PP	10	Obsolete
10294	Fitting, Injector PVC	10	Obsolete
37351	Fitting, Liquipro	10	\$ 390

Liquid End Hardware			
Part No.	Description	QTY	Price
49109	Liquid End Hardware, 4XX, DXX	10	\$ 120
48703	Liquid End Hardware, 7XX, 8XX	10	\$ 120
48702	Liquid End Hardware, 9XX	10	\$ 120

**VOLUME SPARES
SOLD IN QTY MULTIPLIES SPECIFIED**

Seal Rings & Retaining Rings			
Part No.	Description	QTY	Price
48313	RETAINING Ring, 8MM	10	\$ 100
34116	Ring, ANTI-FRICTION	10	\$ 100
10422	Ring, RETAINING	10	\$ 60
27253	Ring, RETAINING EXT 3/8	10	\$ 60
10407	Ring, Seal .375 Teflon	10	\$ 110
10207	Ring, Seal .375 VITON	10	\$ 140
25128	Ring, Seal .500 Teflon	10	\$ 210
10228	Ring, Seal .500 VITON	10	\$ 180

Springs			
Part No.	Description	QTY	Price
27034	Spring & PAD ASM, D	10	\$ 80
25558	Spring, .42 X .24 X 1.0	10	\$ 120
37539	Spring, CLEAR PVDF	10	\$ 220
30348	Spring, COATED	10	\$ 500
37341	Spring, COMPRESSION	10	\$ 110
37349	Kit, REPLACEMENT, Spring LOADED Liquipro IN	10	\$ 180

Coupling Knobs			
Part No.	Description	QTY	Price
48646	Coupling KNOB, 4FV	10	\$ 110
48646	Coupling KNOB, 4FV	10	\$ 110
36204	Coupling, Foot Valve PP	10	\$ 290

Other			
Part No.	Description	QTY	Price
27401	NIPPLE, 1/4 CLOSE PVC	10	\$ 120
35744	PIN, DUAL	10	\$ 90
35743	SHAFT, SPEED ADJ	10	\$ 90
10322	WEIGHT, SUCTION Tubing	10	\$ 120
48622	4FV Bleed Nut - Roytronic	10	\$ 110
27352	FLAPPER Valve,	10	\$ 120
10123	STRAINER, Foot Valve PP	10	\$ 150

O-Rings			
Part No.	Description	QTY	Price
36103	O-Ring, .549 ID X .103 W POLYPREL	10	\$ 90
33264	O-Ring, .674 ID X .103 W POLYPREL	10	\$ 70
26983	O-Ring, .937 ID X .139 W	10	\$ 100
34497	O-Ring, 0.25ID x 0.437OD	10	\$ 60
48347	O-Ring, 2-008 80D AFLAS	10	\$ 60
48349	O-Ring, 2-111, 80DUR AFLAS	10	\$ 100
10166	O-Ring, 3.989 ID X .070 W BUNA N	10	\$ 110
35269	O-Ring, 4.984 ID X .139	10	\$ 150
48590	O-Ring, PTFE, 2-007 , WHITE	10	\$ 60
48591	O-Ring, PTFE, 2-111	10	\$ 80
48589	O-Ring, PTFE, 2-113	10	\$ 80

Screws			
Part No.	Description	QTY	Price
30856	SCREW, 10-24 1.25L SS	10	\$ 70
10598	SCREW, 10-24 X .625 PH SS	10	\$ 60
10340	SCREW, 10-24 X .75 PH SS	10	\$ 70
25127	SCREW, 10-24 X 4.5 RH SS	10	\$ 110

Shims			
Part No.	Description	QTY	Price
32654	SHIM, .020 THICK 4.2	10	\$ 120
27586	SHIM, 3.5S 4.2C NY	10	\$ 60

Stud Assemblies			
Part No.	Description	QTY	Price
27641-1	STUD ASM, 3.0 SI 4.2C	10	\$ 140
27641	STUD ASM, 3.5 SI 4.2C	10	\$ 150

Varistor			
Part No.	Description	QTY	Price
10626	VARISTOR ASM, 115V	10	\$ 150

Washers			
Part No.	Description	QTY	Price
38490	Washer, FLAT #10 SS 316	10	\$ 60
30970	Washer, PLUNGER ASM	10	\$ 100
36107	Washer, Cartridge Valve	10	\$ 60

PARTS by Number

Part Number	Description	UM	Price
10123	STRAINER, FOOT VALVE PP	EA	\$ 15.00
10138	BALL, .500 CERAMIC	EA	\$ 17.00
10153	VALVE ASM, FOOT LE-20/20S	EA	\$ 122.00
10166	O-RING, 3.989 ID X .070 W BUNA N	EA	\$ 11.00
10206	VALVE SEAT, SUCTION PVC	EA	\$ 29.00
10207	RING, SEAL .375 VITON	EA	\$ 14.00
10228	RING, SEAL .500 VITON	EA	\$ 18.00
10253	VALVE ASM, FOOT LE-26/26S	EA	\$ 122.00
10273	VALVE HOUSING, 1/2 TUBING PVC	EA	\$ 32.00
10292	VALVE SEAT, 3/8 OD TUB PVC	EA	Obsolete
10293	VALVE HOUSING, 3/8 OD TUBING PVC	EA	Obsolete
10294	FITTING, INJECTOR PVC	EA	Obsolete
10299	COUPLING NUT, PP 3/8	EA	\$ 11.00
10322	WEIGHT, SUCTION TUBING	EA	\$ 12.00
10338	BALL, .375 CERAMIC	EA	\$ 10.00
10340	SCREW, 10-24 X .75 PH SS	EA	\$ 7.00
10346	PLUG, PE (BLACK)	EA	\$ 6.00
10392	VALVE SEAT, 3/8 TUBING	EA	Obsolete
10393	VALVE HOUSING, 3/8	EA	Obsolete
10394	FITTING, INJECTOR 3/8 PP	EA	Obsolete
10407	RING, SEAL .375 TEFLON	EA	\$ 11.00
10411	COUPLING NUT, PP 1/2	EA	\$ 14.00
10422	RING, RETAINING	EA	\$ 6.00
10436	PLUG, CAP .375 OD, PE (YELLOW)	EA	\$ 6.00
10437	CAP, PLUG .516 OD PE	EA	\$ 6.00
10444	BALL, .375 TEFLON	EA	\$ 10.00
10465	GROMMET, .25 X .56 NEOPRENE	EA	\$ 6.00
10492	VALVE SEAT, 1/2 TUBING PVC	EA	\$ 32.00
10493	VALVE HOUSING, 1/2 TUBING PVC	EA	\$ 31.00
10524	HEAD, 3.0 ACRYLIC	EA	\$ 354.00
10525	HEAD, 3.0 PVC	EA	\$ 354.00
10561	VALVE ASM, DIS LE-20	EA	\$ 73.00
10562	VALVE ASM, SUC LE-20/21	EA	\$ 60.00
10563	VALVE ASM, DIS LE-26	EA	\$ 83.00
10564	VALVE ASM, SUC LE-26/26S	EA	\$ 60.00
10590	AGITATOR, 34" SS 115V	EA	\$ 740.00
10598	SCREW, 10-24 X .625 PH SS	EA	\$ 6.00
10601	BALL, .500 TEFLON	EA	\$ 12.00
10626	VARISTOR ASM, 115V	EA	\$ 15.00
10627	VARISTOR ASM, 220-250V	EA	\$ 18.00
10659	BALL, .375 SS	EA	\$ 10.00
10681	HEAD, 3.0 PP	EA	\$ 462.00
10746	BRACKET, PUMP HOLD-DOWN	EA	\$ 16.00
10792	VALVE SEAT, 1/2 TUBING	EA	\$ 34.00
10793	VALVE HOUSING, 1/2	EA	\$ 38.00
10804	CONNECTOR ASM	EA	\$ 50.00
10833	CONNECTOR, 3/8 TUBE PP	EA	\$ 27.00
10884	KIT, SEAL RING VITON 1/2	EA	\$ 83.00
10895	CONNECTOR ASM	EA	\$ 50.00
10928	KIT, SEAL RING VITON 3/8	EA	\$ 41.00
10930	KIT, SEAL RING TEFLON	EA	\$ 49.00
10978	VALVE SEAT, PP	EA	Obsolete
25029	VALVE ASM, INJ CK	EA	Obsolete
25042	BALL, .500 SS	EA	\$ 11.00
25073	VALVE ASM, INJ CHK	EA	Obsolete
25106	VALVE SEAT, SUC PP 1/2	EA	\$ 41.00
25108	FITTING, INJECTOR 1/2 PP	EA	\$ 39.00
25125	CAP, SLEEVE .690D PE	EA	\$ 6.00
25127	SCREW, 10-24 X 4.5 RH SS	EA	\$ 11.00
25128	RING, SEAL .500 TEFLON	EA	\$ 21.00
25154	VALVE ASM, FOOT LE-25T, 35T	EA	\$ 122.00
25156	VALVE ASM, DIS LE-25T	EA	\$ 99.00
25157	VALVE ASM, SUC LE-25T	EA	\$ 77.00
25173	VALVE HOUSING, .500 X 1/2 PP	EA	\$ 47.00
25178	VALVE ASM, INJ CK	EA	Obsolete
25197	KIT, SEAL RING TEFLON	EA	\$ 58.00
25199	VALVE HOUSING, UHMWPE	EA	\$ 155.00
25201	VALVE ASM, DIS LE-82T	EA	\$ 63.00
25202	VALVE ASM, SUC LE-82T	EA	\$ 53.00
25273	VALVE ASM, INJ 71FS 81FS	EA	Obsolete
25290	AGITATOR, 34" SS	EA	\$ 752.00
25292	AGITATOR, 34" N 220-240V	EA	\$ 868.00
25299	BOX, OUTER 12 X 9 X 11	EA	\$ 17.00
25301	INSERT, PACKING PSF	EA	\$ 24.00
25335	NOZZLE ASM, CORP STOP	EA	\$ 89.00
25344	BUSHING, .71ID X .75OD X .75 NY	EA	\$ 8.00
25411	VALVE ASM, DIS LE-26T	EA	\$ 79.00
25412	VALVE ASM, SUC LE-26T	EA	\$ 65.00
25550	HEAD, 0.9 ACRYLIC HV	EA	\$ 267.00
25558	SPRING, .42 X .24 X 1.0	EA	\$ 12.00
25600	VALVE SEAT, FOOT PP	EA	\$ 39.00
25628	NUT, 6-32 X HEX SS	EA	\$ 8.00
25630	CAP, TUBE	EA	\$ 6.00

Part Number	Description	UM	Price
25631	NUT, RELIEF TUBING	EA	\$ 9.00
25643	CONNECTOR FEMALE, CABLE 4-PIN	EA	\$ 19.00
25644	CONNECTOR MALE, CABLE 4-PIN	EA	\$ 37.00
25648	PLUG, 3/4 - 16 PP YELLOW	EA	\$ 7.00
25649	VALVE SEAT, PP	EA	\$ 37.00
25650	CONNECTOR, 1/2 NPT	EA	\$ 38.00
25652	CLAMP, HOSE	EA	\$ 11.00
25661	VALVE ASM, DIS LE-76/86,	EA	\$ 81.00
25662	VALVE ASM, SUC LE-76/86,	EA	\$ 70.00
25663	VALVE ASM, INJ CK LE-20H	EA	\$ 117.00
25687	VALVE ASM, INJ CK	EA	Obsolete
25718	HEAD, 6.0 ACRYLIC	EA	\$ 596.00
25719	LIQUIFRAM, 6.0 FLUOROFILM (NON FABRIC)	EA	\$ 167.00
25882	STROKE DIAL, BX1	EA	\$ 11.00
25905	HEAD, 6.0 PVC	EA	\$ 415.00
25906	HEAD, 6.0 PP	EA	\$ 415.00
25970	BOX, TANK 50 GALLON	EA	\$ 92.00
25977	VALVE ASM, FOOT LE-36	EA	\$ 118.00
25985	CAP ASM, TANK	EA	\$ 26.00
26001	VALVE SEAT, 1/2 NPT PVC	EA	\$ 65.00
26013	VALVE ASM, DIS LE-25P/35	EA	\$ 115.00
26014	VALVE ASM, SUC LE-35P	EA	\$ 99.00
26015	VALVE ASM, FOOT LE-25P	EA	\$ 122.00
26019	VALVE ASM, DIS LE-34	EA	\$ 111.00
26020	VALVE ASM, SUC LE-24	EA	\$ 89.00
26021	VALVE ASM, FOOT LE-24/34	EA	\$ 122.00
26024	VALVE, 1/2 NPT PVC	EA	\$ 73.00
26025	BALL, .188 TEFLON	EA	Obsolete
26032	VALVE SEAT, 1/2 NPT PP	EA	\$ 65.00
26033	VALVE HOUSING, 1/2 NPT	EA	\$ 70.00
26040	HEAD, 1.8 PP HV	EA	\$ 328.00
26136	CLAMP RING, 3/8 OD TUBING	EA	\$ 7.00
26293	CORD ASM, 115V B & C	EA	\$ 70.00
26297	CORD ASM, 220-250V DIN B	EA	\$ 41.00
26323	BALL GUIDE, .500 DIA	EA	\$ 13.00
26350	TANK AND COVER ASM	EA	\$ 587.00
26576	MOTOR, AGITATOR 115V	EA	\$ 613.00
26577	SHAFT ASM, AGITATOR 35"	EA	\$ 255.00
26579	FLANGE, AGITATOR MOUNTING	EA	\$ 94.00
26637	COVER, TANK 50 GALLON	EA	\$ 185.00
26710	VALVE ASM, INJ CK LE-25P/35P	EA	\$ 160.00
26713	VALVE ASM, INJ CK LE-30/36	EA	\$ 117.00
26716	VALVE ASM, INJ CK LE-24/34/24WK/34WK	EA	\$ 148.00
26731	SWITCH ASM, LL 115V	EA	\$ 795.00
26732	SWITCH ASM, LL 230V	EA	\$ 689.00
26751	VALVE ASM, INJ CK LE-26	EA	\$ 117.00
26758	VALVE ASM, INJ CK LE-25T	EA	\$ 117.00
26779	CAP, PLUG PE BLACK 10 GAL TANK	EA	\$ 7.00
26839	VALVE SEAT, PVDF 3/8 TUB	EA	Obsolete
26840	VALVE HOUSING, PVDF 3/8	EA	Obsolete
26841	FITTING, INJECTOR	EA	Obsolete
26851	VALVE ASM, INJ CK LE-20/21	EA	\$ 98.00
26893	EPU & SPACER ASM, "B"	EA	\$ 726.00
26897	EPU & SPACER ASM, "B"	EA	\$ 726.00
26900	TANK ASM, SATURATOR	EA	\$ 541.00
26983	O-RING, .937 ID X .139 W	EA	\$ 10.00
27034	SPRING & PAD ASM, D	EA	\$ 8.00
27039	CAP, PLUG 5.25OD PE	EA	\$ 10.00
27052	VALVE ASM, DIS LE-25HV/76-86PB	EA	\$ 86.00
27053	VALVE ASM, SUC LE-25HV/76PB	EA	\$ 92.00
27080	VALVE ASM, INJ 25HV 75HV	EA	\$ 114.00
27097	STICKER, STROKE DIAL DX4	EA	\$ 11.00
27214	HEAD, 1.8 PVDF	EA	\$ 167.00
27226	BOX, 20 1/4 X 20 1/4 X 31	EA	\$ 73.00
27253	RING, RETAINING EXT 3/8	EA	\$ 6.00
27300	VALVE, 1/4 ANGLE PVC	EA	\$ 322.00
27301	BUSHING, .375 ID X .375	EA	\$ 15.00
27352	FLAPPER VALVE,	EA	\$ 12.00
27394	HEAD, 3.0 316 SS	EA	\$ 1,965.00
27397	CONNECTOR, MALE 35	EA	\$ 14.00
27400	TANK ASM, 35 GAL	EA	\$ 684.00
27401	NIPPLE, 1/4 CLOSE PVC	EA	\$ 12.00
27417	SWITCH ASM, LL 35 GAL	EA	\$ 684.00
27511	HEAD, 1.8 UHMWPE SLURRY	EA	\$ 306.00
27516	SPACER, 1.8SI 4.2C	EA	\$ 169.00
27517	SPACER, 3.0SI 4.2C	EA	\$ 99.00
27530	VALVE ASM, DIS LE-37	EA	\$ 361.00
27535	VALVE ASM, FOOT LE-27/37	EA	\$ 716.00
27586	SHIM, 3.5S 4.2C NY	EA	\$ 6.00
27591	AGITATOR, 27" SS 115V	EA	\$ 717.00
27641	STUD ASM, 3.5 SI 4.2C	EA	\$ 15.00
28390	HEAD, 0.5 ACRYLIC	EA	\$ 242.00
28391	HEAD, 0.5 PP	EA	\$ 353.00

PARTS by Number

Part Number	Description	UM	Price
28410	LABEL, MODEL # FIELD	EA	\$ 8.00
28663	FERRULE, 1/4" OD	EA	\$ 7.00
28664	VALVE SEAT, 1/4 TUBING	EA	Obsolete
28665	VALVE HOUSING, 1/4	EA	Obsolete
28804	CONNECTOR, TUBING	EA	Obsolete
28882	VALVE SEAT, 1/4 TUBING	EA	Obsolete
28883	VALVE HOUSING, 1/4	EA	Obsolete
28896	CONNECTOR ASM,	EA	Obsolete
28898	DOWEL, PLASTIC .250 OD X 1.75L	EA	\$ 7.00
28925	HOUSING LESS WIRES	EA	\$ 170.00
28970	HOUSING ASM, 115V B7 BE	EA	\$ 265.00
28983	HOUSING ASM, 220-240V	EA	\$ 281.00
29190	SWITCH ASM, LEVEL A7 B7 D7	EA	\$ 145.00
29256	HOUSING, B1 SERIES	EA	\$ 228.00
29437	DISK, 0.9	EA	\$ 12.00
29445	DISK, 0.5	EA	\$ 13.00
29609	HEAD, 0.5 PVDF	EA	\$ 146.00
29611	HEAD, 0.9 PVDF	EA	\$ 205.00
29788	CORD ASM, 240V	EA	\$ 42.00
30107	EPU ASM W/DISK, 0.5	EA	\$ 408.00
30154	EPU ASM, 3.0 82 OHMS	EA	\$ 408.00
30155	EPU, 3.0 330 OHMS	EA	\$ 299.00
30240	EPU ASM W/DISK, 0.5	EA	\$ 408.00
30242	EPU ASM W/DISK, 0.9	EA	\$ 408.00
30348	SPRING, COATED	EA	\$ 50.00
30375	VALVE HOUSING, PVC	EA	Obsolete
30383	VALVE SEAT, PVC	EA	Obsolete
30414	BOX, "U" AND "P" PUMP	EA	\$ 14.00
30481	VALVE ASM, DIS LE-20PB/66PB/76PB/ 86PB	EA	\$ 95.00
30530	EPU, 3.0 82 OHMS 120 V	EA	\$ 408.00
30531	EPU, 3.0 313 OHMS 240V	EA	\$ 432.00
30643	LABEL COVER, CLEAR	EA	\$ 6.00
30709	KNOB, PUSH-ON	EA	\$ 15.00
30744	PLUG, CAP 1-14	EA	\$ 6.00
30803	GASKET, NEOPRENE	EA	\$ 7.00
30856	SCREW, 10-24 1.25L SS	EA	\$ 7.00
30896	CABLE ASM, CORP STOP 3/4	EA	\$ 46.00
30897	CABLE ASM, CORP STOP 1" STD	EA	\$ 70.00
30916	LIQUIFRAM, 0.5 FLUORFILM	EA	\$ 124.00
30917	LIQUIFRAM, 0.9 FLUORFILM	EA	\$ 124.00
30926	CORD ASM, 115V	EA	\$ 70.00
30970	WASHER, PLUNGER ASM	EA	\$ 10.00
31032	INSERT, "B" SERIES	EA	\$ 9.00
31053	HEAD, 3.0 PVDF MOLDED	EA	\$ 220.00
31255	VARIATOR ASM, 240V	EA	\$ 17.00
31271	DIVIDER ASM, PD-4	EA	\$ 597.00
31277	CONNECTOR ASM, 8 PIN	EA	\$ 46.00
31332	VALVE HOUSING, BARBED PP	EA	\$ 34.00
31419	LIQUIFRAM, 3.0 FLUORFILM (NON FABRIC)	EA	\$ 124.00
31420	LIQUIFRAM, 1.8 FLUORFILM	EA	\$ 124.00
31562	VALVE HOUSING, 1/2 TUBING PVDF	EA	\$ 55.00
31862	EPU, 3.0 82 OHMS	EA	\$ 289.00
31891	KNOB ASM, "B" SERIES	EA	\$ 17.00
31898	STROKE ADJ ASM, B SERIES	EA	\$ 115.00
31927	EPU W/STROKE ADJ, "B" 0.9 115V (D SHAFT)	EA	\$ 726.00
31929	EPU W/STROKE ADJ, "B" 1.8 115V (D SHAFT)	EA	\$ 726.00
31937	VALVE SEAT, 1/2 TUBING	EA	\$ 60.00
31938	VALVE HOUSING, 1/2" TUBING	EA	\$ 70.00
32088	VALVE ASM, INJ. CHECK	EA	Obsolete
32158	EPU ASM, 120V, CX01,CX11	EA	\$ 963.00
32159	EPU ASM, 220/240V	EA	\$ 963.00
32239	EPU ASM, C761/C771	EA	\$ 1,484.00
32314	EPU ASM, 120V C781	EA	\$ 1,484.00
32329	EPU & SPACER ASM, C771	EA	\$ 1,484.00
32405	HOUSING ASM, CX76	EA	\$ 294.00
32465	STROKE DIAL, CX1	EA	\$ 11.00
32466	STROKE DIAL, CX2/CX6	EA	\$ 11.00
32467	STROKE DIAL, CX3	EA	\$ 12.00
32506	HEAD, 0.5 SS 316	EA	\$ 491.00
32507	HEAD, 0.9 SS 316	EA	\$ 557.00
32508	HEAD, 1.8 SS 316	EA	\$ 635.00
32509	HEAD, 3.0 SS 316	EA	\$ 530.00
32514	VALVE ASM, INJ CHECK SS	EA	\$ 109.00
32515	VALVE ASM, CHECK 316 SS	EA	\$ 89.00
32534	EPU & SPACER ASM, "C" 1.8SI 120V	EA	\$ 1,188.00
32536	EPU & SPACER ASM, "C" 3.0SI 120V	EA	\$ 1,188.00
32654	SHIM, .020 THICK 4.2	EA	\$ 12.00
32862	BUSHING, SHAFT AX15	EA	Obsolete
33211	CONTROL PANEL ASM, B7/C7	EA	\$ 769.00
33212	CONTROL PANEL ASM, 230V	EA	\$ 839.00
33256	MAGNET, DIGIPULSE	EA	\$ 64.00
33264	O-RING, .674 ID X .103 W POLYPREL	EA	\$ 7.00
33480	VALVE ASM, FT LE-32, 32S	EA	\$ 133.00

Part Number	Description	UM	Price
33481	VALVE ASM, INJ CK LE-22/32/32S	EA	\$ 132.00
33482	VALVE ASM, SUC LE-22/32/32S	EA	\$ 147.00
33510	SWITCH ASM, LL 35 GAL (230V)	EA	\$ 763.00
33536	VALVE ASM, DIS LE-22/32	EA	\$ 98.00
33738	CABLE ASM, 8 PIN/8WIRE	EA	\$ 57.00
33796	CABLE ASM, 4 PIN/4 WIRE	EA	\$ 68.00
33814	CONTROL PANEL ASM, C701/C711	EA	\$ 680.00
33816	CONTROL PANEL ASM, C721	EA	\$ 1,090.00
33817	CONTROL PANEL ASM, C72X	EA	\$ 875.00
33818	CONTROL PANEL ASM, C731	EA	\$ 875.00
33819	CONTROL PANEL ASM, C73X	EA	\$ 875.00
33820	PANEL ASM, CONTROL	EA	\$ 950.00
33821	CONTROL PANEL ASM, C74X	EA	\$ 875.00
33822	CONTROL PANEL ASM, C781	EA	\$ 875.00
33823	CONTROL PANEL ASM, C78X	EA	\$ 875.00
33833	CABLE ASM, HALL EFFECT	EA	\$ 119.00
34093	CONTROL PANEL ASM, B711	EA	\$ 769.00
34114	Plug, Audio 3.5 MM	EA	\$ 8.00
34115	GASKET, PACKJOINT	EA	\$ 9.00
34116	RING, ANTI-FRICTION	EA	\$ 10.00
34118	GASKET, PACK JOINT	EA	\$ 12.00
34497	O-RING, 0.25ID x 0.437OD	EA	\$ 6.00
34504	AGITATOR, 27" SS 230V	EA	\$ 738.00
34566	FLOW CONTROLLER	EA	\$ 920.00
35184	LABEL SET, SILVER (BLANK)	EA	\$ 9.00
35269	O-RING, 4.984 ID X .139	EA	\$ 15.00
35394	SPACER W/PLUG 5X5 1.8	EA	\$ 101.00
35395	SPACER W/PLUG 5X5 3.0	EA	\$ 101.00
35398	HOUSING, 5 X 5 W/PG9	EA	\$ 165.00
35404	HOUSING, LESS WIRES	EA	\$ 271.00
35420	VALVE SEAT, 1/2" NPT	EA	\$ 243.00
35585	VALVE HOUSING, 1/2" NPT	EA	\$ 144.00
35643	CYLINDER, CALIBRATION 200 ML SEALED TOP	EA	\$ 204.00
35644	CYLINDER, CALIBRATION 1000 ML SEALED TOP	EA	\$ 225.00
35645	CYLINDER, CALIBRATION 200 ML EZ CLEAN	EA	\$ 156.00
35710	CYLINDER, CALIBRATION 1000mL EZ Clean	EA	\$ 216.00
35743	SHAFT, SPEED ADJ	EA	\$ 9.00
35744	PIN, DUAL	EA	\$ 9.00
35837	SPACER, 0.9 W/O BOSSES	EA	\$ 99.00
35838	SPACER, 1.8 W/O BOSSES	EA	\$ 148.00
35839	SPACER, 3.0 W/O BOSSES	EA	\$ 141.00
35890	HOUSING, B9/C9	EA	\$ 389.00
36103	O-RING, .549 ID X .103 W POLYPREL	EA	\$ 9.00
36107	WASHER, CARTRIDGE VALVE	EA	\$ 6.00
36128	HEAD, MOLDED 3.0 PVDF	EA	\$ 247.00
36156	HEAD, MACHINED 0.5 ACRYLIC	EA	\$ 264.00
36157	HEAD, MACHINED 0.9	EA	\$ 203.00
36159	HEAD, MACHINED 3.0	EA	\$ 305.00
36204	COUPLING, FOOT VALVE PP	EA	\$ 29.00
36229	CONTROL PANEL ASM, B121, B131, B141	EA	\$ 515.00
36237	CONTROL PANEL ASM, C101/C111	EA	\$ 531.00
36240	CONTROL PANEL ASM, C121	EA	\$ 454.00
36243	CONTROL PANEL ASM, C131	EA	\$ 531.00
36246	CONTROL PANEL ASM, C141	EA	\$ 480.00
36254	PULSER, FIXED	EA	\$ 149.00
36256	PANEL W/NAMEPLATE, B1/C1	EA	\$ 50.00
36260	CAP ASM, RELIEF	EA	Obsolete
36280	CAP ASM, A/S	EA	Obsolete
36303	CARTRIDGE ASM, .281	EA	\$ 43.00
36304	CARTRIDGE ASM, .281	EA	\$ 43.00
36306	CARTRIDGE ASM, .375	EA	\$ 43.00
36307	CARTRIDGE ASM, .375	EA	\$ 30.00
36346	VALVE ASM, FOOT 1/4"	EA	\$ 83.00
36352	VALVE ASM, FOOT 3/8"	EA	\$ 83.00
36354	VALVE ASM, SUC 3/8" PVDF	EA	\$ 76.00
36358	VALVE ASM, FOOT 1/2"	EA	\$ 83.00
36360	VALVE ASM, SUC 1/2" PVDF	EA	\$ 76.00
36366	VALVE ASM, SUC 1/4" NPT	EA	\$ 76.00
36413	VALVE ASM, FOOT 1/4"	EA	\$ 84.00
36415	VALVE ASM, SUC 1/4" PVDF	EA	\$ 98.00
36418	VALVE ASM, SUC 3/8" PVDF	EA	\$ 76.00
36419	VALVE ASM, FOOT 1/2" PVDF POLYPREL	EA	\$ 83.00
36421	VALVE ASM, SUC 1/2" PVDF	EA	\$ 53.00
36424	VALVE ASM, SUC 1/4" NPT	EA	\$ 55.00
36502	VALVE ASM, FOOT 1/4" NPT	EA	\$ 83.00
36504	VALVE ASM, SUC 1/4" NPT	EA	\$ 53.00
36905	SPACER, FM-PRO	EA	\$ 26.00
37113	FITTING WITH WASHER, 1/4" TUBING PVDF (CART)	EA	\$ 32.00
37115	FITTING WITH WASHER, 3/8" TUBING PVDF (CART)	EA	\$ 32.00
37117	FITTING WITH WASHER, 1/2" TUBING PVDF (CART)	EA	\$ 32.00
37119	FITTING WITH WASHER, 1/4" NPT PVDF (CART)	EA	\$ 32.00
37144	SCREW KIT, HASTELLOY (4)		\$ 164.00
37203	CLAMP RING, 1/2" TUBING SST		\$ 7.00

PARTS by Number

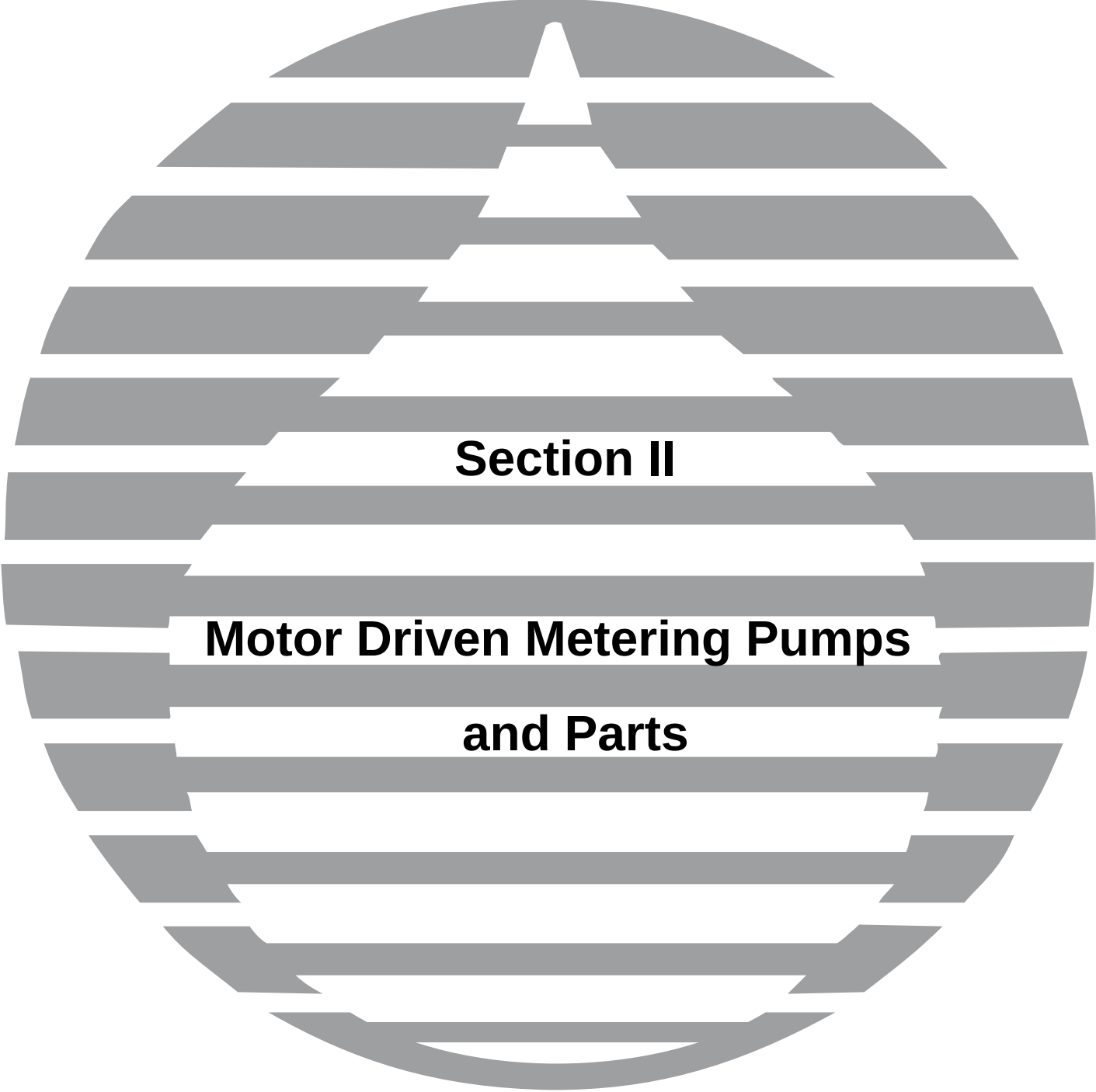
Part Number	Description	UM	Price
37334	Liquid End Cartridge	EA	\$ 30.00
37335	Liquid End Cartridge	EA	\$ 36.00
37337	Liquid End Cartridge	EA	\$ 30.00
37338	Liquid End Cartridge	EA	\$ 38.00
37341	SPRING, COMPRESSION	EA	\$ 11.00
37349	KIT, REPLACEMENT, SPRING LOADED LIQUIPRO INJ C	EA	\$ 18.00
37351	FITTING, LIQUIPRO	EA	\$ 39.00
37354	VALVE ASM, INJ 1/4" PVDF	EA	\$ 98.00
37356	VALVE ASM, INJ 3/8" PVDF	EA	\$ 92.00
37358	VALVE ASM, INJ 1/2" PVDF	EA	\$ 98.00
37360	VALVE ASM, INJ 1/4" NPT	EA	\$ 92.00
37394	BOX, 15 1/8 X 10 5/8 X 10 13/16 BROWN PRINTED	EA	\$ 22.00
37539	SPRING, CLEAR PVDF	EA	\$ 22.00
37742	HEAD, 1.8 MACHINED PVC	EA	\$ 334.00
37745	HEAD, 3.0 MACHINED PVC	EA	\$ 294.00
37750	HEAD, 0.5 MOLDED PVC	EA	\$ 89.00
37752	HEAD, 0.9 MOLDED PVC	EA	\$ 101.00
37754	HEAD, 1.8 MOLDED PVC	EA	\$ 167.00
37756	HEAD, 3.0 MOLDED PVC	EA	\$ 187.00
37763	FITTING WITH WASHER,	EA	Obsolete
37765	FITTING WITH WASHER,	EA	Obsolete
37767	FITTING WITH WASHER,	EA	Obsolete
37769	FITTING WITH WASHER,	EA	Obsolete
37845	VALVE ASM, FOOT 3/8" PVDF POLYPREL	EA	\$ 83.00
37846	VALVE ASM, SUC 1/4" PVDF POLYPREL	EA	\$ 51.00
37848	VALVE ASM, INJ 1/4" PVDF	EA	\$ 120.00
37857	CARTRIDGE ASM, .375 PVC/POLYPREL	EA	\$ 30.00
37858	Liquid End Cartridge	EA	\$ 30.00
37859	Liquid End Cartridge	EA	\$ 30.00
37980	HEAD, 0.5 MOLDED PVDF(DEEP COR	EA	\$ 132.00
38018	VALVE ASM, SUC 1/4" PVC	EA	Obsolete
38019	VALVE ASM, SUC 3/8" PVC	EA	Obsolete
38020	VALVE ASM, SUC 1/2" PVC	EA	Obsolete
38025	VALVE ASM, INJ 1/4" PVC	EA	Obsolete
38026	VALVE ASM, INJ 3/8" PVC	EA	Obsolete
38027	VALVE ASM, INJ 1/2" PVC	EA	Obsolete
38033	VALVE ASM, FOOT 1/2"	EA	Obsolete
38271	VALVE ASM, FOOT	EA	\$ 115.00
38490	WASHER, FLAT #10 SS 316	EA	\$ 6.00
38561	HEAD, 0.9 MACHINED	EA	\$ 225.00
38562	HEAD, 0.9 MACHINED PVC	EA	\$ 196.00
38568	HEAD, 0.9 ACRYLIC HV	EA	\$ 242.00
38569	HEAD, 0.9 PP HV	EA	\$ 300.00
38571	HEAD, 0.5 ACRYLIC HV	EA	\$ 334.00
38572	HEAD, 0.5 PP HV	EA	\$ 290.00
38578	HEAD, 0.5 MACHINED	EA	\$ 225.00
38579	HEAD, 0.5 MACHINED PVC	EA	\$ 204.00
38592	HEAD, 1.8 ACRYLIC HV	EA	\$ 250.00
38593	HEAD, 1.8 PP HV	EA	\$ 265.00
38595	HEAD, 1.8 ACRYLIC MACH	EA	\$ 258.00
38596	HEAD, 1.8 PVC MACHINED	EA	\$ 264.00
48167	DISK, LE ADAPTER SC1	EA	\$ 13.00
48168	DISK, LE ADAPTER SC2	EA	\$ 14.00
48169	DISK, LE ADAPTER SC3	EA	\$ 12.00
48170	DISK, LE ADAPTER SC4	EA	\$ 12.00
48186	LIQUIFRAM, SC1	EA	\$ 124.00
48187	LIQUIFRAM, SC2	EA	\$ 124.00
48188	LIQUIFRAM, SC3	EA	\$ 124.00
48189	LIQUIFRAM, SC4	EA	\$ 124.00
48214	HEAD, MACHINED, SC1 ACL	EA	\$ 194.00
48216	HEAD, MACHINED, SC1 PP	EA	\$ 237.00
48218	HEAD, MACHINED, SC2 ACL	EA	\$ 201.00
48219	HEAD, MACHINED, SC2 PVC	EA	\$ 156.00
48220	HEAD, MACHINED, SC2 PP	EA	\$ 209.00
48222	HEAD, MACHINED, SC3 ACL	EA	\$ 360.00
48224	HEAD, MACHINED, SC3 PP	EA	\$ 217.00
48226	HEAD, MACHINED, SC4 ACL	EA	\$ 220.00
48231	CORD, POWER USA 120V	EA	Obsolete
48313	RETAINING RING, 8MM	EA	\$ 10.00
48347	O-RING, 2-008 80D AFLAS	EA	\$ 6.00
48349	O-RING, 2-111, 80DUR AFLAS	EA	\$ 10.00
48363	HEAD, MOLDED FASTPRIME SC2	EA	\$ 107.00
48364	HEAD, MOLDED FASTPRIME SC2	EA	\$ 114.00
48366	HEAD, MOLDED FASTPRIME SC3	EA	\$ 167.00
48367	HEAD, MOLDED FASTPRIME SC3	EA	\$ 185.00
48369	HEAD, MOLDED FASTPRIME SC4	EA	\$ 173.00
48370	HEAD, MOLDED FASTPRIME SC4	EA	\$ 166.00
48414	CORDSET, 5-PIN REVERSE KEY	EA	\$ 96.00
48414	Cordset, Roytronic 5 pin	EA	\$ 96.00
48422	HEAD, AUTOPRIME, SC1 ACL	EA	\$ 385.00
48423	HEAD, AUTOPRIME, SC1 PVC	EA	\$ 197.00
48425	HEAD, AUTOPRIME, SC2 ACL	EA	\$ 245.00
48426	HEAD, AUTOPRIME, SC2 PVC	EA	\$ 236.00

Part Number	Description	UM	Price
48428	HEAD, AUTOPRIME, SC3 ACL	EA	\$ 331.00
48429	HEAD, AUTOPRIME SC3 PVC	EA	\$ 225.00
48431	HEAD, AUTOPRIME, SC4 ACL	EA	\$ 358.00
48432	HEAD, AUTOPRIME, SC4 PVC	EA	\$ 214.00
48471	HEAD, SC1, 316 SS	EA	\$ 530.00
48472	HEAD, SC2, 316 SS	EA	\$ 517.00
48473	HEAD, SC3, 316 SS	EA	\$ 530.00
48474	HEAD, SC4, 316 SS	EA	\$ 530.00
48488	ADAPTER, ROYTRONIC ACCESSORIES	EA	\$ 84.00
48490	CONNECTOR, 5-PIN REVERSE KEY	EA	\$ 96.00
48543	CARTRIDGE VALVE, 920, 930, 940	EA	\$ 30.00
48545	CARTRIDGE VALVE, 915, 813	EA	\$ 30.00
48546	CARTRIDGE VALVE, 925, 935, 945	EA	\$ 30.00
48549	FASTPRIME CARTRIDGE VALVE, 920	EA	\$ 30.00
48551	FASTPRIME CARTRIDGE VALVE, 915	EA	\$ 30.00
48552	FASTPRIME CARTRIDGE VALVE, 925	EA	\$ 30.00
48589	O-RING, PTFE, 2-113	EA	\$ 8.00
48590	O-RING, PTFE, 2-007, WHITE	EA	\$ 6.00
48591	O-RING, PTFE, 2-111	EA	\$ 8.00
48594	CONTROL PANEL AD2	EA	\$ 250.00
48595	CONTROL PANEL AD8	EA	\$ 271.00
48596	CONTROL PANEL AD9	EA	\$ 285.00
48599	HOUSING, AD	EA	\$ 353.00
48603	COVER, CLEAR AD	EA	\$ 24.00
48617	FITTING, INJECTION VLV, PVC	EA	\$ 27.00
48618	FITTING, INJECTION VLV, PVDF	EA	\$ 38.00
48622	4FV Bleed Nut - Roytronic	EA	\$ 11.00
48646	COUPLING KNOB, 4FV	EA	\$ 11.00
48646	COUPLING KNOB, 4FV	EA	\$ 11.00
48670	FASTPRIME DISCHARGE CV	EA	\$ 57.00
48672	FASTPRIME DISCHARGE CV	EA	\$ 98.00
48676	SUCTION CHECK VALVE, 728, 738,	EA	\$ 43.00
48677	SUCTION CHECK VALVE, 812	EA	\$ 58.00
48678	SUCTION CHECK VALVE, 813	EA	\$ 56.00
48679	SUCTION CHECK VALVE	EA	\$ 98.00
48680	SUCTION CHECK VALVE, 823, 833,	EA	\$ 98.00
48681	SUCTION CHECK VALVE	EA	\$ 73.00
48682	SUCTION CHECK VALVE, 915	EA	\$ 98.00
48683	SUCTION CHECK VALVE, 919	EA	\$ 98.00
48684	SUCTION CHECK VALVE	EA	\$ 58.00
48685	SUCTION CHECK VALVE, 925, 935	EA	\$ 98.00
48686	SUCTION CHECK VALVE, 929, 939,	EA	\$ 98.00
48692	CARTRIDGE VALVE, 929, 939, 949	EA	\$ 30.00
48698	FASTPRIME CARTRIDGE VALVE, 929	EA	\$ 30.00
48699	FASTPRIME VALVE, 8X2, 9X9	EA	\$ 50.00
48700	FASTPRIME VALVE, 8X3	EA	\$ 46.00
48701	FASTPRIME VALVE, 9X5	EA	\$ 52.00
48702	LIQUID END HARDWARE, 9XX	EA	\$ 12.00
48703	LIQUID END HARDWARE, 7XX, 8XX	EA	\$ 12.00
48704	AUTOPRIME DISCHARGE CHECK	EA	\$ 98.00
48705	AUTOPRIME DISCHARGE CHECK	EA	\$ 98.00
48706	AUTOPRIME DISCHARGE CARTRIDGE	EA	\$ 56.00
48707	AUTOPRIME DISCHARGE CARTRIDGE	EA	\$ 47.00
48708	AUTOPRIME SHUTTLE VALVE	EA	\$ 101.00
48709	AUTOPRIME SHUTTLE CARTRIDGE	EA	\$ 84.00
48718	FOOT VALVE, 910, X18	EA	\$ 83.00
48719	FOOT VALVE, 919	EA	\$ 83.00
48720	FOOT VALVE, 812	EA	\$ 83.00
48721	FOOT VALVE, 920, 930, 940	EA	\$ 83.00
48722	FOOT VALVE, 929, 939, 949	EA	\$ 84.00
48723	FOOT VALVE, 822, 832, 842	EA	\$ 84.00
48724	FOOT VALVE, 813	EA	\$ 83.00
48725	FOOT VALVE, 823, 833, 843	EA	\$ 84.00
48726	FOOT VALVE, 915	EA	\$ 84.00
48727	FOOT VALVE, 925, 935, 945	EA	\$ 84.00
48728	INJECTION VALVE, 9X0, XX8	EA	\$ 78.00
48729	INJECTION VALVE, 9X5	EA	\$ 81.00
48730	INJECTION VALVE, 9X9	EA	\$ 81.00
48731	INJECTION VALVE, 8X2	EA	\$ 78.00
48732	INJECTION VALVE, 8X3	EA	\$ 98.00
48743	HEAD, AUTOPRIME, 0.5 ACL	EA	\$ 245.00
48744	HEAD, AUTOPRIME, 0.9 ACL	EA	\$ 296.00
48745	HEAD, AUTOPRIME, 1.8 ACL	EA	\$ 235.00
48748	HEAD, AUTOPRIME, 1.8 PVC	EA	\$ 330.00
48767	DISCHARGE CHECK VALVE, SS	EA	\$ 173.00
48768	SUCTION CHECK VALVE, SS	EA	\$ 173.00
48787	FITTING SGL BALL WITH O-RING	EA	\$ 22.00
48788	FITTING SGL BALL WITH O-RING	EA	\$ 22.00
48789	FITTING SGL BALL WITH O-RING	EA	\$ 22.00
48790	FITTING SGL BALL WITH O-RING	EA	\$ 22.00
48791	FITTING DBL BALL WITH O-RING	EA	\$ 26.00
48792	FITTING DBL BALL WITH O-RING	EA	\$ 26.00
48793	FITTING DBL BALL WITH O-RING	EA	\$ 26.00

PARTS by Number

Part Number	Description	UM	Price
48794	FITTING DBL BALL WITH O-RING	EA	\$ 26.00
48795	INJECTION VLV CARTRIDGE	EA	\$ 30.00
48848	Fastprime Valve xx8, 9x0	EA	\$ 58.00
48851	CORD, POWER USA 120V	EA	\$ 73.00
48852	CORD, POWER USA 230V	EA	\$ 65.00
48873	Foot Valve, 3/8" PVC/TFE	EA	\$ 83.00
49031	Housing ASM, 120 V	EA	Obsolete
49035	Cordset, Roytronic 6 pin	EA	\$ 117.00
49088	VALVE ASM, SUC PVC/AFI/CER	EA	\$ 49.00
49089	VALVE ASM, SUC PVDF/AFI/CER	EA	\$ 98.00
49090	VALVE ASM, SUC PVDF/AFI/CER	EA	\$ 52.00
49092	VALVE ASM, SUC PVDF/PTFE/CER	EA	\$ 98.00
49093	VALVE ASM, SUC PVDF/AFI/PTFE	EA	\$ 98.00
49094	VALVE ASM, SUC PVDF/AFI/PTFE	EA	\$ 59.00
49097	CARTRIDGE SUB ASM, SPRING	EA	\$ 47.00
49098	VALVE ASM, DIS SPRING	EA	\$ 98.00
49099	Foot Valve, PVC/AFI/CER, 358, 450, 458	EA	\$ 73.00
49100	Foot Valve, PVC/AFI/CER, 3/468, 3/498, 460, 490	EA	\$ 83.00
49101	Foot Valve, PVDF/AFI/CER, 352	EA	\$ 84.00
49102	Foot Valve, PVDF/AFI/CER, 362, 392	EA	\$ 83.00
49103	Foot Valve, PVDF/PTFE/CER, 353	EA	\$ 84.00
49104	Foot Valve, PVDF/PTFE/CER, 363, 393	EA	\$ 84.00
49106	Foot Valve, PVDF/AFI/PTFE, 469, 499	EA	\$ 83.00
49107	Foot Valve, PP/PTFE/CER, 455	EA	\$ 84.00
49108	Foot Valve, PP/PTFE/CER, 465, 495	EA	\$ 84.00
49109	LIQUID END HARDWARE, 4XX, DXX	EA	\$ 12.00
49163	VALVE ASM, SUC	EA	\$ 98.00
49164	Foot Valve, 910A, 918A	EA	\$ 84.00
49165	Foot Valve, 920A, 928A	EA	\$ 83.00
49216	90 degree adapter		\$ 122.00
49246	Roytronic Low Level Switch Assembly		\$ 323.00
49249	Switch, Dual Liquid Level (Excel only)		\$ 394.00
49253	3 Pin Connector (4 Pin standard key)	EA	\$ 117.00
49287	CORP STOP ASM, 3/4" - CA AB1953 mat'l req.	EA	\$ 445.00
49288	CORP STOP ASSY, 1" - CA AB1953 mat'l req.	EA	\$ 484.00
49290	CORP STOP ASSY, 1" - CA AB1953 mat'l req.	EA	\$ 432.00
49329	Head, machined SC2 HV Acrylic	EA	\$ 213.00
49331	Head, machined SC2 HV PP	EA	\$ 191.00
49332	Head, machined SC2 HV Ported PP	EA	\$ 444.00
49334	Head, machined SC3 HV Acrylic		\$ 259.00
49336	Head, machined SC3 HV PP		\$ 191.00
49337	Head, machined SC3 HV Ported PP		\$ 444.00
49339	Head, machined SC4 HV Acrylic		\$ 214.00
49341	Head, machined SC4 HV PP	EA	\$ 191.00
49342	Head, machined SC4 HV Ported PP	EA	\$ 444.00
50508	50 piece 1/4" ferrule kit	EA	\$ 73.00
50509	50 piece 3/8" ferrule kit		\$ 142.00
50510	50 piece 1/2" ferrule kit		\$ 142.00
50529	HEAD, AUTOPRIME, 3.0 ACL		\$ 398.00
50530	HEAD, AUTOPRIME, 3.0 PVC		\$ 245.00
50663	PULSER ASM, AD2		\$ 533.00
50664	PULSER ASM, AD8		\$ 572.00
50665	PULSER ASM, AD9		\$ 703.00
54783	TUBING, UV KIT, 1/4"		Obsolete
54784	TUBING, UV KIT, 3/8"		\$ 65.00
55787	REED SWITCH TRANSMITTER W/ FLYING LEADS		\$ 49.00
55789	REED SWITCH TRANSMITTER W/ 4 PIN CONNECT.		\$ 134.00
55796	REED SWITCH TRANSMITTER W/ 3.5MM CONNEC.		\$ 120.00
57958	CABLE ADAPTOR, MP-100 FOR PD7		\$ 111.00
59235	FLOWMETER, RFP-075	EA	\$ 497.00
59236	FLOWMETER, RFP-100	EA	\$ 993.00
59237	FLOWMETER, RFP-150	EA	\$ 1,218.00
59238	FLOWMETER, RFP-200	EA	\$ 1,861.00
59239	SENSOR ASM, RFP-075, 100, 150, 200	EA	\$ 180.00
10141-500	TUBING, .500 OD X .062 VINYL, 500 FEET	EA	Obsolete
10142-500	TUBING, .500 OD X .062 PE, 500 FEET	EA	\$ 673.00
10342-500	TUBING, .375 OD X .062 PE, 500 FEET	EA	\$ 633.00
10469-06	TUBING VINYL, .375 OD X .062, 6 FEET	EA	\$ 15.00
10469-500	TUBING VINYL, .375 OD X .062, 500 FT	EA	\$ 633.00
10492-1	VALVE SEAT, 1/4 NPT	EA	\$ 34.00
10493-1	VALVE HOUSING, 1/4 NPT	EA	\$ 37.00
10524-3	HEAD, 3.0 ACRYLIC	EA	\$ 367.00
10681-3	HEAD, 3.0 PP HV	EA	\$ 400.00
10681-4	HEAD, 3.0 PP	EA	\$ 666.00
10786-1	COUPLING, 1/2" NPT	EA	\$ 58.00
10792-1	VALVE SEAT, .375 X 1/4	EA	\$ 47.00
10793-1	VALVE HOUSING, .375 X	EA	\$ 53.00
25636-16	TUBING PE, .250 X .062, 16 FEET	EA	\$ 33.00
25636-500	TUBING PE, .250 OD X .062, 500 FEET	EA	\$ 70.00
25651-50	TUBING VINYL, .938 OD X .15, 50 FT	EA	\$ 657.00
25906-3	HEAD, 6.0 PP HV	EA	\$ 476.00
26050-1	HEAD, 0.9 PP HV	EA	\$ 420.00
26350-1	TANK W/COVER, DRILL	EA	\$ 615.00
26893CE	EPU & SPACER ASM, "B"	EA	\$ 726.00

Part Number	Description	UM	Price
27142-500	TUBING PE, .500 OD X .062, 500 FEET	EA	\$ 752.00
27342-500	TUBING PE, .375 OD X .062, 500 FEET	EA	\$ 836.00
27641-1	STUD ASM, 3.0 SI 4.2C	EA	\$ 14.00
28636-500	TUBING PE, .250 OD X .062, 500 FEET	EA	\$ 702.00
29033CE	CORD ASM, 115V CE	EA	\$ 70.00
31561-1	VALVE SEAT, 1/4 NPT PVDF	EA	\$ 65.00
31562-1	VALVE HOUSING, 1/4 NPT	EA	\$ 70.00
31927CE	EPU W/STROKE ADJ, "B"	EA	\$ 726.00
31929CE	EPU W/STROKE ADJ, "B"	EA	\$ 628.00
32158CE	EPU ASM, 120V C7 C9 CE	EA	\$ 963.00
32534CE	EPU & SPACER ASM, "C"	EA	\$ 1,188.00
32536CE	EPU & SPACER ASM, "C"	EA	\$ 1,188.00
35895CE	CONTROL PANEL ASM, B92/B93/B94 115V	EA	\$ 1,872.00
35949CE	HOUSING ASM, B9X1/C9X1	EA	\$ 285.00
35956CE	HOUSING ASM, B9X6/C9X6	EA	\$ 306.00
35960CE	CONTROL PANEL ASM, C901/C911 115V	EA	\$ 1,375.00
35962CE	CONTROL PANEL ASM, C921 115 V	EA	\$ 1,375.00
35964CE	CONTROL PANEL ASM, C931 115V	EA	\$ 1,375.00
35966CE	CONTROL PANEL ASM, C941 115V	EA	\$ 1,375.00
38568-1	HEAD, 0.9 ACRYLIC HV	EA	\$ 282.00
38569-1	HEAD, 0.9 PP HV	EA	\$ 286.00
38571-1	HEAD, 0.5 ACRYLIC HV	EA	\$ 470.00
38572-1	HEAD, 0.5 PP HV	EA	\$ 430.00
38592-1	HEAD, 1.8 ACRYLIC HV	EA	\$ 295.00
38593-1	HEAD, 1.8 PP HV	EA	\$ 361.00
50503-15	EXTENSION CABLE, 15 M / 49.2FT	EA	\$ 307.00
50503-6	EXTENSION CABLE, 6 M / 19.7FT	EA	\$ 180.00



Section II

Motor Driven Metering Pumps and Parts

Excel XR® Series



Manual

Communications

Enhanced

XRD

XRE

	Output Code	Max Output		Max Pressure	
		GPH	LPH	PSI	Bar
XRD	XRDx2	5.6	21.2	175	12
	XRDx3	14.0	53.0	75	5
	XRDx4	18.0	68.1	50	3.5
XRE	XREx2	16.0	60.6	150	10.3
	XREx3	32.0	121.1	100	6.9
	XREx4	53.0	200.6	60	4.1

For support:



What's in the Box

Excel XR units include:					Enhanced Model:	Communications Model:
 Excel® XR Series Electronic Mixing Pump Installation & Operation Manual Manual No. 54010 Revision: 02 Rev. Date: 07/2017 Note: All copyright content remains the property of LMI.						
Manual	Foot Valve	Tubing (0 or 2 rolls) & Tube Connection Hardware	Ceramic Foot Valve Weight	Injection Check Valve	4 Pin Cordset	5 Pin Cordset

Note: Depending on the configuration of the LE, some of the items may not be included in the box.

Company Confidential

Prices subject to change without notice

EXCEL® XR SPECIFICATIONS

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General Description

The EXCEL® XR metering pump is a mechanically actuated diaphragm pump driven by advanced variable speed technology to provide the most accurate and reliable performance in the industry. This proven technology is easy to maintain and will provide years of maximum up-time service. The EXCEL XR pump fits seamlessly into the process control requirements of every application. All models come standard with a color backlit display, multi-language options and remote operation options.

General Performance Specifications

- Flow rate up to 18.0 GPH (68.1 LPH)
 - Pressure up to 175 psi (12.0 bar)
 - Steady state accuracy +/- 1%
 - Turndown 1000:1 (200:1 PTFE Seat, 500:1 FPM Seat)
 - Power Required - 42 W rated (ETL)
- ** Flow rates up to 53.0 GPH (200.6 LPH) to be released with XRE in 2020

Weights and Shipping Dimensions

Weight (approximate)	lbs	kg
Plastic Head (unboxed)	14	6.35
SS Head (unboxed)	24.5	11.1
Domestic Box	22	10

Domestic Box Dimensions	
Inches	Metric
16.5" x 18" x 13.5"	420 x 457 x 343

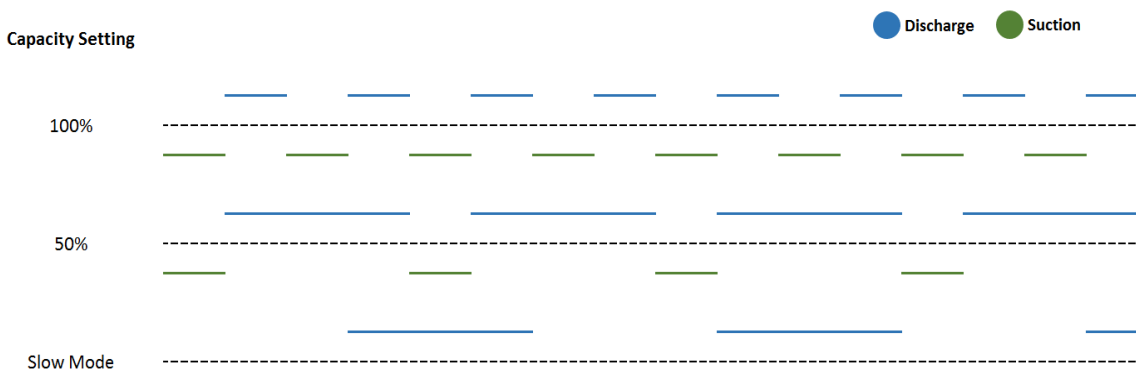
Temperature & Environmental Ratings

Unit	Ambient	Process Fluid	Storage
Fahrenheit	14°F to +104°F	14°F to +104°F	-40°F to +158°F
Celsius	-10°C to +40°C	-10°C to +40°C	-40°C to +70°C

Operating humidity range:	0-95% RH (Non-condensing)
Ingress protection:	IP65 / NEMA 4X
Operation environment:	Indoor

Drive Specifications

The drive is powered by an electronically controlled variable speed stepper motor which provides accurate dosing output of the fixed stroke length drive.



Capacity Adjustment

Variable speed stepper motor with controlled stroke profile. The profile features constant speed suction, and the discharge stroke is used to control pump capacity. This takes full advantage of the characteristics of a positive displacement pump, in that once the fluid is within the pump head, discharging it is highly controllable and predictable.

The profile also has a configurable feature allowing the suction stroke to be extended to better handle viscous fluids, or fluids with high specific gravity. The chart below indicates how the flexible stroke profile functions.

Overpressure Protection

An external safety relief valve is required for safe installation. The pump includes motor stall detection in the event of

EXCEL[®] XR SPECIFICATIONS

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motor stall, but is not sufficient as the only means of overpressure protection.

Lubrication System

Pump is factory lubricated for life.

Pump Housing Material

Polyphenylene ether and Polystyrene blend - 20% glass reinforced

Liquid End Specifications

Mechanically actuated diaphragm with suction and discharge ball check valves.

Materials

Refer to Price Tables for most materials

Spring Materials:

In High Viscosity Liquid ends - Spring material is 316ss

Injection Valve Spring Material - Hastelloy C 276

Performance Specifications

Turndown Ratio:	1000:1 (200:1 PTFE Seat, 500:1 FKM Seat)
Steady State Accuracy:	± 1.0%
Repetitive Accuracy:	± 3.0%
Linearity:	± 3.0%
Duty Rating:	Continuous

Suction Lift and Pressure

Drive	Max. Suction Lift [ft]	[m]	Max. Suction Inlet Pressure [psi]	[bar]
XRDx2	13.1	4	30	2
XRDx3	13.1	4	30	2
XRDx4	6.5	2	30	2
XREx2	13.1	4	30	2
XREx3	6.5	2	30	2
XREx4	6.5	2	30	2

Testing

Standard Production Test: Every pump is tested to assure the pump meets capacity and pressure expectations and functions as expected.

Certifications

NSF 61

CE Compliant

ETL listed by Intertek to UL 61010-1 issued 2012/5/11 edition 3, and CSA C22.2#61010-1 issued 2012/5/11 edition 3

Dimension Drawing and Documentation

Description	No.
Customer Data Sheet	59261
Brochure	59260
Customer Dimensional Drawing	59017
Installation, Operation and Maintenance	54630
Enhanced Supplement	54772
Modbus Supplement	55312
Profibus Supplement	55313
Instruction Supplement	59288
Quick Start Guide	54941

EXCEL® XR SPECIFICATIONS

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	Manual	Enhanced	Communications
User Interface			
Four Color Backlit graphical display	●	●	●
Flow rate or volume display (GPH, L/hr)	●	●	●
Capacity setting display	●	●	●
Start/Stop button	●	●	●
Mode/Select button	●	●	●
Full capacity (100%) button	●	●	●
Prime button	●	●	●
Active operation mode indication on display	●	●	●
Active alarm indication on display	●	●	●
Calibration status indication on display	●	●	●
Control Modes			
Manual (Internal)	●	●	●
Analog [0/4-20 mA] (External)	●	●	●
Pulse [volume/pulse] (External)	●	●	●
Batch (External)	●	●	●
Cycle Timer (Internal)	●	●	●
Timed event (Internal)	●	●	●
Control Input			
Programmable digital contacts	1	4	4
User 1**	●	●	●
User 2**	●	●	●
User 3**	●	●	●
Single level float switch	●	●	●
Dual low level float switch	●	●	●
Pulse control	●	●	●
Remote start/stop	●	●	●
Remote internal/external mode selection	●	●	●
Programmable analog inputs	0	2	2
Pacing	●	●	●
Tank level	●	●	●
Control Protocol			
Modbus RTU*	●	●	●
Profibus DP*	●	●	●

* Must order pump configured for your control protocol

	Manual	Enhanced	Communications
Control Output			
Programmable digital contacts	0	2	2
Pump running	●	●	●
Pump standby/stopped [not pumping but ready]	●	●	●
Alarm status	●	●	●
User alarm status	●	●	●
Internal/External mode indication	●	●	●
Pump stopped	●	●	●
Stroke pulse	●	●	●
Timed event running	●	●	●
Programmable analog output	0	1	1
Flow rate [4-20 mA correlates to 0 - max capacity]	●	●	●
Mirror analog input 1	●	●	●
Mirror analog input 2**	●	●	●
Power supply for remote device [24V] (eg. Flow sensor)	0	1	1
Operation functions			
Capacity control by motor speed variation	●	●	●
Variable stroke profile (variable discharge speed/constant suction speed)	●	●	●
Slow suction mode for viscous or degassing media	●	●	●
Calibration function (single point)	●	●	●
Prime feature (max capacity) button, timer	●	●	●
Totalizer (strokes, volume, hours motor operation, number of power cycles)	●	●	●
Keypad lock (software driven with password)	●	●	●
Clock feature (date and 12 hour time)	●	●	●
Diaphragm replacement mode (sets stroke to extended position)	●	●	●
Display firmware revision	●	●	●
Load factory defaults	●	●	●
Battery to maintain date and time settings when main power is removed	●	●	●
EEPROM nonvolatile memory (configurations saved/powers up in last used mode)	●	●	●
Internal/External input control mode configuration	●	●	●
Alarm output mask configuration (configure which events trigger alarm output relay)	●	●	●
Analog input response curve customization	●	●	●
Input pulse width setting	●	●	●
Start/Stop via remote signal	●	●	●
Pump switch off on tank empty	●	●	●
Modbus RTU / Profibus DP protocol	●	●	●
StayPrime Degassing Technology**	●	●	●
Alarm Log**	●	●	●

** Features coming to software version 2.0 alongside launch of XRE in 2020

EXCEL® XR

PUMP SELECTION AND PRICING

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XRD - OUTPUT CODE 2

151 SPM Max.

Size Code 4

5.6 GPH (21.2 LPH); 175 psi (12 bar)

Note: High Viscosity option and PE tube limited to 150 psi (10.3 bar)

XRDx2														
Drive End									Price					
Control	Description				Cordset Included		Part Number							
XRD12	Manual Control				-		-		See Note	\$ 2,860				
XRD92	Enhanced Control				4 Pin Cordset		54711			\$ 3,316				
XRDP2	Enhanced Control with ProfiBus				4 Pin, 5 Pin Cordset		54711, 55199			\$ 3,989				
XRDM2	Enhanced Control with ModBus				4 Pin, 5 Pin Cordset		54711, 55199			\$ 3,989				
	Power Code		Voltage		Plug									
	1		Universal		110 - 120 VAC 1 Phase US Plug						\$ -			
	2		Universal		220 - 240 VAC 1 Phase US Plug						\$ -			
	3		Universal		220 - 240 VAC 1 Phase DIN Plug						\$ -			
	5		Universal		220 - 240 VAC 1 Phase UK Plug						\$ -			
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug						\$ -			
		Liquid End		Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit					
									Standard	DN15 Conn.				
		Standard Plastic												
		A44AC		PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$ 342			
		A44A1		PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 328			
		A44AT		PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 328			
		A74TC		PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 554			
		A74AT		PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 540			
		Standard Metallic												
		A1411		316L	316L	316L	316L	1000:1	see below		\$ 973			
		Slurry												
		S1414		316L	316L	440C	316L	1000:1	RPM54776		\$ 1,053			
		High Viscosity												
		V44T1		PP	PTFE	316L	PP	1000:1	RPM54777		\$ 337			
				Standard Plastic		Diaphragm		O-Rings	Fittings	Connections	Tubing Kit	RPM Kit		
				A7T1		PTFE/PVDF		TFE/P	PVDF	Imperial Tube	1	-	\$ 301	
				A7PN		PTFE/PVDF		TFE/P	PVDF	1/2" BSP	-	-	\$ -	
				A7M2		PTFE/PVDF		TFE/P	PVDF	Metric Tube	2	-	\$ 121	
				A2FN		PTFE/PVDF		TFE/P	PVDF/PVC	DN15 Female	-	see above	\$ 63	
				A7DN PVDF heads only		PTFE/PVDF		TFE/P	PVDF	DN15 Male	-	see above	\$ 546	
				Standard Metallic										
				A1PN		PTFE/316L		TFE/P	316L	1/2" FNPT	-	RPM56407	\$ -	
				V1PN		PTFE/316L		FKM	316L	1/2" FNPT	-	RPM54775	\$ -	
				Slurry										
				V1PN		PTFE/316L		FKM	316L	1/2" FNPT	-	-	\$ -	
				High Viscosity										
	N4T3		PTFE/PVDF		-	PP	Imperial Tube	3	-	\$ 160				
XRD12	1	A44AC	A7T1											

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 422	RPM54777	\$ 399	• Primary Diaphragm • Secondary Diaphragm housing seal • Required O-rings • Replacable Check valves or components
RPM54772	\$ 405	RPM54778	\$ 420	
RPM54773	\$ 420	RPM54779	\$ 404	
RPM54774	\$ 404	RPM56407	\$ 1,054	
RPM54775	\$ 755	RPM56409	\$ 438	
RPM54776	\$ 873	RPM56410	\$ 432	

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

63

XRD - OUTPUT CODE 3

162 SPM Max.

Size Code 4

14.0 GPH (53.0 LPH); 75 psi (5 bar)

XRDx3															
Drive End										Price					
Control	Description				Cordset Included			Part Number							
XRD13	Manual Control				-			-			See Note	\$ 3,035			
XRD93	Enhanced Control				4 Pin Cordset			54711				\$ 3,491			
XRDP3	Enhanced Control with ProfiBus				4 Pin, 5 Pin Cordset			54711, 55199				\$ 4,164			
XRDM3	Enhanced Control with ModBus				4 Pin, 5 Pin Cordset			54711, 55199				\$ 4,164			
	Power Code		Voltage		Plug										
	1		Universal		110 - 120 VAC 1 Phase US Plug							\$ -			
	2		Universal		220 - 240 VAC 1 Phase US Plug							\$ -			
	3		Universal		220 - 240 VAC 1 Phase DIN Plug							\$ -			
	5		Universal		220 - 240 VAC 1 Phase UK Plug							\$ -			
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug							\$ -			
		Liquid End		Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit						
									Standard	DN15 Conn.					
		Standard Plastic													
		A44AC		PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$ 342				
		A44A1		PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 328				
		A44AT		PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 328				
		A74TC		PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 554				
		A74AT		PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 540				
		Standard Metallic													
		A1411		316L	316L	316L	316L	1000:1	see below		\$ 973				
		Slurry													
		S1414		316L	316L	440C	316L	1000:1	RPM54776		\$ 1,053				
		High Viscosity													
		V44T1		PP	PTFE	316L	PP	1000:1	RPM54777		\$ 337				
				Standard Plastic		Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit				
				A7T1		PTFE/PVDF	TFE/P	PVDF	Imperial Tube	1	-	\$ 301			
				A7PN		PTFE/PVDF	TFE/P	PVDF	1/2" BSP	-	-	\$ -			
				A7M2		PTFE/PVDF	TFE/P	PVDF	Metric Tube	2	-	\$ 121			
				A2FN		PTFE/PVDF	TFE/P	PVDF/PVC	DN15 Female	-	see above	\$ 63			
				A7DN PVDF heads only		PTFE/PVDF	TFE/P	PVDF	DN15 Male	-	see above	\$ 546			
				Standard Metallic											
				A1PN		PTFE/316L	TFE/P	316L	1/2" FNPT	-	RPM56407	\$ -			
				V1PN		PTFE/316L	FKM	316L	1/2" FNPT	-	RPM54775	\$ -			
				Slurry											
				V1PN		PTFE/316L	FKM	316L	1/2" FNPT	-	-	\$ -			
				High Viscosity											
	N4T3		PTFE/PVDF		-	PP	Imperial Tube	3	-	\$ 160					
XRD13	1	A44AC	A7T1												

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 422	RPM54777	\$ 399	- Primary Diaphragm - Secondary Diaphragm housing seal - Required O-rings - Replacable Check valves or components
RPM54772	\$ 405	RPM54778	\$ 420	
RPM54773	\$ 420	RPM54779	\$ 404	
RPM54774	\$ 404	RPM56407	\$ 1,054	
RPM54775	\$ 755	RPM56409	\$ 438	
RPM54776	\$ 873	RPM56410	\$ 432	

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR

PUMP SELECTION AND PRICING

64

XRD - OUTPUT CODE 4

144 SPM Max.

Size Code 6

18.0 GPH (68.1 LPH): 50 psi (3.5 bar)

XRDx4															
Drive End										Price					
Control		Description			Cordset Included			Part Number							
XRD14		Manual Control			-			-		See Note		\$	3,087		
XRD94		Enhanced Control			4 Pin Cordset			54711				\$	3,543		
XRDP4		Enhanced Control with ProfiBus			4 Pin, 5 Pin Cordset			54711, 55199				\$	4,216		
XRDM4		Enhanced Control with ModBus			4 Pin, 5 Pin Cordset			54711, 55199				\$	4,216		
	Power Code		Voltage			Plug									
	1		Universal			110 - 120 VAC 1 Phase US Plug							\$	-	
	2		Universal			220 - 240 VAC 1 Phase US Plug							\$	-	
	3		Universal			220 - 240 VAC 1 Phase DIN Plug							\$	-	
	5		Universal			220 - 240 VAC 1 Phase UK Plug							\$	-	
	6		Universal			220 - 240 VAC 1 Phase Australia / New Zealand Plug							\$	-	
			Liquid End		Head	Seat	Balls	Check Valve Body	Diaphragm	Max Turndown Ratio	RPM Kit				
			Standard PP												
			A46VC	PP	FKM	Ceramic	PP	PTFE	500:1	RPM54780		\$	480		
			A46V1	PP	FKM	316L	PP	PTFE	500:1	RPM54784		\$	466		
			A46AC	PP	TFE/P	Ceramic	PP	PTFE	500:1	RPM56405		\$	480		
			A46A1	PP	TFE/P	316L	PP	PTFE	500:1	RPM56406		\$	466		
			Standard PVDF												
			A76VC	PVDF	FKM	Ceramic	PVDF	PTFE	500:1	RPM54780		\$	897		
			A76AT	PVDF	TFE/P	PTFE	PVDF	PTFE	500:1	RPM56411		\$	883		
			A76AC	PVDF	TFE/P	Ceramic	PVDF	PTFE	500:1	RPM56405		\$	897		
			Standard Metallic												
			A1611	316L	316L	316L	316L	PTFE	1000:1	see below		\$	2,559		
			Slurry												
			S1614	316L	316L	440C	316L	PTFE	1000:1	RPM54783		\$	2,639		
			High Viscosity												
			V46T1	PP	PTFE	316L	PP	PTFE	1000:1	RPM54782		\$	466		
				Standard PP		O-Rings	Fittings	Connections	Tubing Kit		RPM Kit				
				N4PN	-	-	PP	1/2" NPT	-	-	-	\$	-		
				N4TN	-	-	PP	Imperial Tube	-	-	-	\$	-		
				N2FN	-	-	PP/PVC	DN15 Female	-	-	-	\$	63		
				Standard PVDF											
				N2FN	-	-	PVDF/PVC	DN15 Female	-	-	-	\$	63		
				N7PN	-	-	PVDF	1/2" NPT	-	-	-	\$	-		
				N7TN	-	-	PVDF	Imperial Tube	-	-	-	\$	-		
				Standard Metallic											
				A1PN	-	-	TFE/P	316L	1/2" FNPT	-	RPM56408	\$	-		
				V1PN	-	-	FKM	316L	1/2" FNPT	-	RPM54781	\$	-		
				Slurry											
				V1PN	-	-	FKM	316L	1/2" FNPT	-	-	\$	-		
				High Viscosity											
				N4P4	-	-	PP	1/2" NPT	4	-	\$	391			
				N4T4	-	-	PP	Imperial Tube	4	-	\$	391			
XRD14	1	A46VC	N4PN												

XRD14	1	A46VC	N4PN		
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RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 205	RPM56405	\$ 282	• Primary Diaphragm
RPM54781	\$ 782	RPM56406	\$ 277	• Secondary Diaphragm
RPM54782	\$ 242	RPM56408	\$ 834	housing seal
RPM54783	\$ 841	RPM56411	\$ 309	• Required O-rings
RPM54784	\$ 201			• Replacable Check valves or components

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.

For accessory kits and pricing, see Accessories section

EXCEL® XR PUMP SELECTION AND PRICING

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XRE - OUTPUT CODE 2

198 SPM Max.

Size Code 4

16 GPH (60.6 LPH); 150 psi (10.3 bar)

XREx2		Note: Cordsets from the accessories table may be required for the customer to connect to desired input/output.								Price			
Control	Description			Cordset Included			Part Number						
XRE12	Manual Control			-			-			See Note	\$ 4,299		
XRE92	Enhanced Control			4 Pin Cordset			54711				\$ 5,437		
XREP2	Enhanced Control with ProfiBus			4 Pin, 5 Pin Cordset			54711, 55199				\$ 6,198		
XREM2	Enhanced Control with ModBus			4 Pin, 5 Pin Cordset			54711, 55199				\$ 6,198		
	Power Code		Voltage		Plug								
	1		Universal		110 - 120 VAC 1 Phase US Plug							\$ -	
	2		Universal		220 - 240 VAC 1 Phase US Plug							\$ -	
	3		Universal		220 - 240 VAC 1 Phase DIN Plug							\$ -	
	5		Universal		220 - 240 VAC 1 Phase UK Plug							\$ -	
	6		Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug							\$ -	
		Liquid End		Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit				
									Standard	DN15 Conn.			
		Standard Plastic											
		A44A1		PP	TFE/P	316L	PVDF	1000:1	RPM54778	RPM54779	\$ 328		
		A44AC		PP	TFE/P	Ceramic	PVDF	1000:1	RPM54771	RPM54772	\$ 342		
		A44AT		PP	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 328		
		A74AT		PVDF	TFE/P	PTFE	PVDF	1000:1	RPM56409	RPM56410	\$ 540		
		A74TC		PVDF	PTFE	Ceramic	PVDF	200:1	RPM54773	RPM54774	\$ 554		
		Standard Metallic											
		A1411		316L	316L	316L	316L	1000:1	see below		\$ 973		
		Slurry											
		S1414		316L	316L	440C	316L	1000:1	see below		\$ 1,053		
		High Viscosity											
		V44T1		PP	PTFE	316L	PP	1000:1	see below		\$ 337		
				Standard Plastic		Diaphragm	O-Rings	Fittings	Connections	Tubing Kit	RPM Kit		
				A2FN		PTFE/PVDF	TFE/P	PVDF/PVC	DN15 Female	-	-	\$ 63	
				A7M2		PTFE/PVDF	TFE/P	PVDF	Metric Tube	2	-	\$ 121	
				A7PN		PTFE/PVDF	TFE/P	PVDF	1/2" NPT/BSP	-	-	\$ -	
				A7T1		PTFE/PVDF	TFE/P	PVDF	Imperial Tube	1	-	\$ 301	
				A7DN (PVDF heads only)		PTFE/PVDF	TFE/P	PVDF	DN15 Male	-	-	\$ 546	
	Standard Metallic												
A1PN				PTFE/316L	TFE/P	316L	1/2" FNPT	-	RPM56407	\$ -			
V1PN				PTFE/316L	FKM	316L	1/2" FNPT	-	RPM54775	\$ -			
Slurry													
V1PN				PTFE/316L	FKM	316L	1/2" FNPT	-	RPM54776	\$ -			
High Viscosity													
N4T3		PTFE/PVDF		-	PP	Imperial Tube	3	RPM54777	\$ 160				
XRE12	1	A44AC	A7T1										

RPM Kit	Price	RPM Kit	Price	Contents
RPM54771	\$ 422	RPM54777	\$ 399	• Primary Diaphragm
RPM54772	\$ 405	RPM54778	\$ 420	• Secondary Diaphragm
RPM54773	\$ 420	RPM54779	\$ 404	housing seal
RPM54774	\$ 404	RPM56407	\$ 1,054	• Required O-rings
RPM54775	\$ 755	RPM56409	\$ 438	• Replacable Check valves or components
RPM54776	\$ 873	RPM56410	\$ 432	

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR

PUMP SELECTION AND PRICING

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XRE - OUTPUT CODE 3

200 SPM Max.

Size Code 6

28 GPH (106 LPH); 100 psi (6.9 bar) - 32 GPH (121 LPH); 50 psi (3.5 bar)

XREx3							
Drive End		Note: Cordsets from the accessories table may be required for the customer to connect to desired input/output.					
Control	Description	Cordset Included		Part Number			
XRE13	Manual Control	-		-		See Note	\$ 4,616
XRE93	Enhanced Control	4 Pin Cordset		54711			\$ 5,754
XREP3	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 6,515
XREM3	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 6,515
	Power Code	Voltage		Plug			
	1	Universal		110 - 120 VAC 1 Phase US Plug			\$ -
	2	Universal		220 - 240 VAC 1 Phase US Plug			\$ -
	3	Universal		220 - 240 VAC 1 Phase DIN Plug			\$ -
	5	Universal		220 - 240 VAC 1 Phase UK Plug			\$ -
	6	Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug			\$ -
	Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit
	Standard PP						
	A46A1	PP	TFE/P	316L	PP	500:1	RPM56406
	A46AC	PP	TFE/P	Ceramic	PP	500:1	RPM56405
	A46V1	PP	FKM	316L	PP	500:1	RPM54784
	A46VC	PP	FKM	Ceramic	PP	500:1	RPM54780
	Standard PVDF						
	A76AC	PVDF	TFE/P	Ceramic	PVDF	500:1	RPM56405
	A76AT	PVDF	TFE/P	PTFE	PVDF	500:1	RPM56411
	A76VC	PVDF	FKM	Ceramic	PVDF	500:1	RPM54780
	Standard Metallic						
	A1611	316L	316L	316L	316L	1000:1	see below
	Slurry						
	S1614	316L	316L	440C	316L	1000:1	RPM54783
	High Viscosity						
	V46T1	PP	PTFE	316L	PP	1000:1	RPM54782
	Standard PP						
	N4PN	PTFE	-	PP	1/2" MNPT	-	-
	N2FN	PTFE	-	PP/PVC	DN15 Female	-	-
	Standard PVDF						
	N2FN	PTFE	-	PP/PVC	DN15 Female	-	-
	N7PN	PTFE	-	PVDF	1/2" MNPT	-	-
	Standard Metallic						
	A1PN	PTFE/316L	TFE/P	316L	1/2" FNPT	-	RPM56408
	V1PN	PTFE/316L	FKM	316L	1/2" FNPT	-	RPM54781
	Slurry						
	V1PN	PTFE/316L	FKM	316L	1/2" FNPT	-	-
	High Viscosity						
	N4P4	PTFE/PVDF	-	PP	1/2" MNPT	4	-

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 205	RPM56405	\$ 282	- Primary Diaphragm - Secondary Diaphragm housing seal - Required O-rings - Replacable Check valves or components
RPM54781	\$ 782	RPM56406	\$ 277	
RPM54782	\$ 242	RPM56408	\$ 834	
RPM54783	\$ 841	RPM56411	\$ 309	
RPM54784	\$ 201			

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR

PUMP SELECTION AND PRICING

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XRE - OUTPUT CODE 4

184 SPM Max.

Size Code 6

53 GPH (200.6 LPH); 60 psi (4.1 bar)

XREx4							
Drive End	Note: Cordsets from the accessories table may be required for the customer to connect to desired input/output.						
Control	Description	Cordset Included		Part Number			
XRE14	Manual Control	-		-		See Note	\$ 5,121
XRE94	Enhanced Control	4 Pin Cordset		54711			\$ 6,259
XREP4	Enhanced Control with ProfiBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 7,020
XREM4	Enhanced Control with ModBus	4 Pin, 5 Pin Cordset		54711, 55199			\$ 7,020
	Power Code	Voltage		Plug			
	1	Universal		110 - 120 VAC 1 Phase US Plug			\$ -
	2	Universal		220 - 240 VAC 1 Phase US Plug			\$ -
	3	Universal		220 - 240 VAC 1 Phase DIN Plug			\$ -
	5	Universal		220 - 240 VAC 1 Phase UK Plug			\$ -
	6	Universal		220 - 240 VAC 1 Phase Australia / New Zealand Plug			\$ -
	Liquid End	Head	Seat	Balls	Check Valve Body	Max Turndown Ratio	RPM Kit
	Standard PP						
	A46A1	PP	TFE/P	316L	PVDF	500:1	RPM56406
	A46AC	PP	TFE/P	Ceramic	PVDF	500:1	RPM56405
	A46V1	PP	FKM	316L	PVDF	500:1	RPM54784
	A46VC	PP	FKM	Ceramic	PVDF	500:1	RPM54780
	Standard PVDF						
	A76AC	PVDF	TFE/P	Ceramic	PVDF	500:1	RPM56405
	A76AT	PVDF	TFE/P	PTFE	PVDF	500:1	RPM56411
	A76VC	PVDF	FKM	Ceramic	PVDF	500:1	RPM54780
	Standard Metallic						
	A1611	316L	316L	316L	316L	1000:1	see below
	Slurry						
	S1614	316L	316L	440C	316L	1000:1	RPM54783
	High Viscosity						
	V46T1	PP	PTFE	316L	PP	1000:1	RPM54782
	Standard PP		Diaphragm	O-Rings	Fittings	Connections	Tubing Kit
	N7NN		PTFE	-	PVDF	3/4" MNPT	-
	N2GN		PTFE	-	PVDF/PVC	DN20 Female	-
	Standard PVDF						
	N7NN		PTFE	-	PVDF	3/4" MNPT	-
	N2GN		PTFE	-	PVDF/PVC	DN20 Female	-
	Standard Metallic						
	A1NN		PTFE	TFE/P	316L	3/4" FNPT	-
	V1NN		PTFE	FKM	316L	3/4" FNPT	-
	Slurry						
	V1NN		PTFE	FKM	316L	3/4" FNPT	-
	High Viscosity						
	N4N5		PTFE	-	PP	3/4" MNPT	5

RPM Kit	Price	RPM Kit	Price	Contents
RPM54780	\$ 205	RPM56405	\$ 282	- Primary Diaphragm - Secondary Diaphragm housing seal - Required O-rings - Replacable Check valves or components
RPM54781	\$ 782	RPM56406	\$ 277	
RPM54782	\$ 242	RPM56408	\$ 834	
RPM54783	\$ 841	RPM56411	\$ 309	
RPM54784	\$ 201			

Note: Add 6 pin cordset (49035) for digital input and analog output and 5 pin (48414) for digital output.

For Tubing Kit contents, refer to Tubing Kits Table.
For accessory kits and pricing, see Accessories section

EXCEL® XR

PUMP SELECTION AND PRICING

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Tubing Kits (included in select pump configurations)

Tubing Kit 1	Tubing Kit 2	Tubing Kit 3	Tubing Kit 4	Tubing Kit 5
• Injection Valve • Foot Valve • 1 Weight (Suction Tubing) • 16' PE Tube 3/8" • 20' Reinforced PVC Hose 1/4" x 1/2"	• Injection Valve • Foot Valve • 1 Weight (Suction Tubing) • Metric Ferrules 6x12mm • 6m Reinforced PVC Hose 6x12mm	• Injection Valve • 2m Reinforced PVC hose 15x23mm (Suction) • 3m PE Tube 1/2" (Discharge) • 1 Suction hose fitting (1/2" FNPT X 15x23 hose) & 2 hose clamps	• 2m Reinforced PVC hose 15x23mm (Suction) • 1 suction hose fitting (1/2" FNPT X 15x23 hose) & 2 hose clamps	• 6.5ft Reinforced PVC hose 0.75" x 1.031" (Suction) • 1 Suction hose fitting (3/4" MNPT x 0.75" x 1.031" hose) & 2 hose clamps

ACCESSORY KITS

OUTPUT CODE XRDx2, XRDx3, XREx2

Imperial Connections

Part No.	Description	Price
PP Head, 316 SS Balls		
58982	Injection Valve, PTFE	\$ 80.00
58987	Foot Valve, Mixed	\$ 74.00
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 340.00
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 18.00
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 105.00
PP Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 80.00
58985	Foot Valve, Aflas	\$ 74.00
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 340.00
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 18.00
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 105.00
PVDF Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 80.00
58986	Foot Valve, PTFE	\$ 74.00
59008	Connection Kit, 0.375 and 0.25x0.5	\$ 340.00
Tubing Kit, includes:		
10342-10	3/8" TUBE X 10 FT	\$ 18.00
54342-20	1/4" x 1/2" HOSE x 20 FT	\$ 105.00

Metric Connections

Part No.	Description	Price
PP Head, 316 SS Balls		
58982	Injection Valve, PTFE	\$ 80.00
58987	Foot Valve, Mixed	\$ 74.00
59009	Connection Kit, 6x12	\$ 83.00
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 32.00
70121-6M	6x12mm HOSE X 6m	\$ 43.00
PP Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 80.00
58985	Foot Valve, Aflas	\$ 74.00
59009	Connection Kit, 6x12	\$ 83.00
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 32.00
70121-6M	6x12mm HOSE X 6m	\$ 43.00
PVDF Head, Ceramic Balls		
58983	Injection Valve, Mixed	\$ 80.00
58986	Foot Valve, PTFE	\$ 74.00
59009	Connection Kit, 6x12	\$ 83.00
Tubing Kit, includes:		
36181-6M	8mm TUBE X 6m	\$ 32.00
70121-6M	6x12mm HOSE X 6m	\$ 43.00
High Viscosity		
58984	Injection Valve, HV	\$ 80.00
59010	Connection Kit, Hose Clamp	\$ 38.00
59013	Tubing Kit, HV	\$ 55.00

OUTPUT CODE XRDx4, XREx3 (NPT Connections only)

Tubing Connections

Part No.	Description	Price
PP Head		
26758	Injec. Valve, 0.5" Tube, PP, PTFE, Cer	\$117.00
25154	Foot Valve, 0.5" Tube, PP, PTFE, Cer	\$122.00
77384	Connection Kit, 0.5" Tubing	\$21.00
PVDF Head		
33481	Injec. Valve, 0.5" Tube, PVDF, PTFE, Cer	\$ 132.00
33480	Foot Valve, 0.5" Tube, PVDF, PTFE, Cer	\$ 133.00
77384	Connection Kit, 0.5" Tubing	\$ 21.00

NPT Connections

Part No.	Description	Price
PP Head		
26710	Injection Valve, NPT, PP, PTFE, Cer	\$ 160.00
26015	Foot Valve, NPT, PP, PTFE, Cer	\$ 122.00
PVDF Head		
38270	Injection Valve, NPT, PVDF, PTFE, Cer	\$ 186.00
38271	Foot Valve, NPT, PVDF, PTFE, Cer	\$ 115.00
High Viscosity		
56912	Injec. Valve, 0.5" MNPT, PVDF, PTFE, Cer	\$ 77.00

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OUTPUT CODE XREx4

Part No.	Description	Price
PP Head		
56909	Injection Valve, 0.75" MNPT, PP, PTFE, Cer	\$ 124.00
56914	Foot Valve, 0.75" MNPT, PP, PTFE, Cer	\$ 258.00
PVDF Head		
56910	Injec. Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 181.00
56915	Foot Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 113.00
High Viscosity		
56911	Injec. Valve, 0.75" MNPT, PVDF, PTFE, Cer	\$ 121.00

ACCESSORIES

Tubing Connection Kits (One kit needed per tube end)

Kit No.	Description	Price
54714	TUBING CONNECTION KIT, 3/8" TUBE	\$ 13.00
54715	TUBING CONNECTION KIT, 1/4"x1/2" HOSE	\$ 10.00
54716	TUBING CONNECTION KIT, 8mm TUBE	\$ 31.00
54717	TUBING CONNECTION KIT, 6x12mm HOSE	\$ 19.00
54718	TUBING CONNECTION KIT, 1/2" TUBE	\$ 12.00
48378	COUPLING NUT	\$ 13.00
10411	COUPLING NUT, 1/2" TUBE	\$ 14.00

Tubing

Part No.	Description	Price
10342-10	3/8" TUBE X 10 FT	\$ 18.00
10142-10	1/2" TUBE X 10 FT	\$ 21.00
54342-20	1/4"x1/2" HOSE X 20 FT	\$ 105.00
36181-6M	8mm TUBE X 6m	\$ 32.00
70121-6M	6x12mm HOSE X 6m	\$ 43.00

Bulk Kit of 20 Ferrules Each Kit

Kit No.	Description	Price
54800	BULK FERRULE KIT, 3/8" TUBE	\$ 32.00
54801	BULK FERRULE KIT, 1/4"x1/2" HOSE	\$ 186.00
54802	BULK FERRULE KIT, 8mm TUBE	\$ 78.00
54803	BULK FERRULE KIT, 6x12mm HOSE	\$ 330.00

Input/Output Cordsets

Part No.	Description	Application Notes	Price
48414	CORDSET, 5 PIN, 2 M / 6.6 FT	(J2) Digital output	\$ 96.00
49035	CORDSET, 6 PIN, 2 M / 6.6 FT	(J1 & J4) Digital input & Analog output	\$ 117.00
54711	CORDSET, 4 PIN, 2 M / 6.6 FT	(J3) Analog input	\$ 84.00
55199	CORDSET, 5 PIN, 2 M / 6.6 FT	(C) ProfiBus/ModBus Communicaton	\$ 154.00

Extension Cable Assemblies - 5 Pin

Part No.	Description	Price
50503-6	Extension Cable, 6 M / 19.7 Ft	\$ 180.00
50503-15	Extension Cable, 15 M / 49.2 Ft	\$ 307.00

Extension Cable Assemblies - 6 Pin

Part No.	Description	Price
50684-6	Extension Cable, 6 M / 19.7 Ft	\$ 250.00
50684-30	Extension Cable, 30 M / 98.4 Ft	\$ 569.00

Excel® XR METERING PUMP SERIES

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Parts by Number

Part Number	Description	List Price	Part Number	Description	List Price
10138	BALL	\$ 17.00	54804	BULK FERRULE KIT, 1/2" TUBE	\$ 43.00
10228	SEAT	\$ 18.00	58994	ASM, CHECK VALVE CARTRIDGE, TEFLON	\$ 30.00
10338	BALL	\$ 10.00	70033	LIQUID END HEAD Size 4 316L ss	\$ 917.00
10411	COUPLING NUT	\$ 14.00	70034	LIQUID END HEAD Size 6 316L ss	\$ 1,681.00
10659	BALL	\$ 10.00	70117	LIQUID END HEAD Size 4 PVDF	\$ 574.00
25042	BALL	\$ 11.00	70143	FERULE, MALE	\$ 8.00
25128	SEAT	\$ 21.00	70185	FERULE, MALE	\$ 8.00
25558	SPRING	\$ 12.00	70186	FERULE, FEMALE	\$ 8.00
25906	LIQUID END HEAD Size 6 PP	\$ 415.00	70187	FERULE, MALE	\$ 7.00
32234	LIQUID END HEAD Size 6 PVDF	\$ 1,860.00	70188	FERULE, FEMALE	\$ 8.00
35031	LIQUID END HEAD Size 4 PP Hi Vis	\$ 278.00	70192	FERULE, MALE	\$ 8.00
35326	SEAT	\$ 36.00	70193	FERULE, FEMALE	\$ 7.00
35330	SECONDARY DIAPHRAGM	\$ 22.00	77118	ASSEMBLY, DIAPHRAGM	\$ 336.00
36054	SEAT	\$ 10.00	77119	ASSEMBLY, DIAPHRAGM	\$ 377.00
36103	O-RING	\$ 9.00	0210599016N	FITTING	\$ 243.00
36116	CARTRIDGE	\$ 8.00	0210696016N	FITTING	\$ 190.00
36953	ASSEMBLY, DIAPHRAGM	\$ 226.00	0920046016N	BALL STOP	\$ 73.00
37012	LIQUID END HEAD Size 4 PP	\$ 154.00	0920064016N	BALL STOP	\$ 70.00
37340	SEAT	\$ 11.00	4070014112N	BALL	\$ 6.00
37341	SPRING	\$ 11.00	4370000144N	BALL	\$ 10.00
48145	SEAT	\$ 11.00	4370000224N	BALL	\$ 30.00
48349	O-RING	\$ 10.00	4370002094N	BALL	\$ 37.00
48378	COUPLING NUT	\$ 13.00	4370002144N	BALL	\$ 56.00
48485	LIQUID END HEAD Size 6 PP Hi Vis	\$ 735.00	4370002224N	BALL	\$ 28.00
48851	CORD, POWER USA 120V, A+	\$ 73.00	4380051072N	O-RING	\$ 8.00
48852	CORD, POWER USA 230V, A+	\$ 65.00	4380051162N	O-RING	\$ 6.00
48853	CORD, POWER DIN, A+	\$ 79.00	52702-1680	BEZEL,DISPLAY	\$ 70.00
48855	CORD, POWER BRITISH, A+	\$ 65.00	52702-1810	CLEAR COVER,DISPLAY	\$ 74.00
48856	CORD, POWER AUST, A+	\$ 65.00	RPM54771	RPM Size 4 PP/Ceramic Tube Conn	\$ 422.00
48857	CORD, POWER SWISS, A+	\$ 59.00	RPM54772	RPM Size 4 PP/Ceramic DN15 Conn	\$ 405.00
48859	CORD, POWER NO PLUG, A+	\$ 59.00	RPM54773	RPM Size 4 PVDF/Ceramic Tube Conn	\$ 420.00
53441	FERULE, MALE	\$ 50.00	RPM54774	RPM Size 4 PVDF/Ceramic DN15 Conn	\$ 404.00
53442	FERULE, FEMALE	\$ 29.00	RPM54775	RPM Size 4 316 ss Standard	\$ 755.00
54195	DISPLAY MEMBRANE	\$ 126.00	RPM54776	RPM Size 4 316 ss Slurry	\$ 873.00
54714	CONN KIT, 3/8" TUBE	\$ 13.00	RPM54777	RPM Size 4 PP/316 Ball Hi Vis	\$ 399.00
54715	CONN KIT, 1/4"x1/2" HOSE	\$ 10.00	RPM54778	RPM Size 4 PP/316 Ball Tube Conn	\$ 420.00
54716	CONN KIT, 8mm TUBE	\$ 31.00	RPM54779	RPM Size 4 PP/316 Ball DN15	\$ 404.00
54717	CONN KIT, 6x12mm HOSE	\$ 19.00	RPM54780	RPM Size 6 Ceramic Ball FKM Seat	\$ 205.00
54718	CONN KIT, 1/2" TUBE	\$ 12.00	RPM54781	RPM Size 6 316 ss Standard	\$ 782.00
54800	BULK FERRULE KIT, 3/8" TUBE	\$ 32.00	RPM54782	RPM Size 6 PP Hi Viscosity	\$ 242.00
54801	BULK FERRULE KIT, 1/4"x1/2" HOSE	\$ 186.00	RPM54783	RPM Size 6 316L ss Ball & Seat Slurry	\$ 841.00
54802	BULK FERRULE KIT, 8mm TUBE	\$ 78.00	RPM54784	RPM Size 6 316Lss Ball FKM Seat	\$ 201.00
54803	BULK FERRULE KIT, 6x12mm HOSE	\$ 330.00			

SERIES G SD METERING PUMPS



Size Code	Max Output		Max Pressure	
	GPH	LPH	PSI	Bar
2	0.7	2.6	175	12.1
4	12	45	150	10.3
7	50	189	100	6.9
8	115	435	75	5.2

Liquid Ends & Drives

The liquid ends and drives for Series G pumps can be purchased separately using the codes and pricing from the following price pages.

NOTE: Drives cannot be mixed and matched with all liquid end sizes. Check with factory before attempting to put a different size liquid end on a drive.

SERIES G - SD

PUMP SELECTION AND PRICING

72

SIZE CODE 2

0.7 GPH (2.6 LPH); 175 psi (12 bar)

SD2												Price
Drive End												
SD2	Size Code											\$ 2,262
</												

RPM	Price	Contents
RPM099	\$ 1,339.50	
RPM101	\$ 1,248.00	*Diaphragm *Oil Seal *O-Rings *Suction & Discharge Cartridge, OR *Balls & Seats

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD

PUMP SELECTION AND PRICING

73

SIZE CODE 4

14.4 GPH (55 LPH); 150 psi (10 bar)

SD4												Price	
Drive End													
SD4 Size Code												\$	2,262
											</		

RPM Kit	Price	Contents
RPM102	\$ 513.00	*Diaphragm
RPM102	\$ 513.00	*Oil Seal
RPM104	\$ 678.00	*O-Rings
RPM196	\$ 1,801.50	*Suction & Discharge Cartridge,
RPM173	\$ 1,171.50	OR
RPM212	\$ 1,630.50	*Balls & Seats

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD

PUMP SELECTION AND PRICING

74

SIZE CODE 7

50 GPH (189 LPH); 100 psi (7 bar)

SD7												Price		
Drive End														
SD7	Size Code											\$ 2,262		
	60Hz					50Hz								
	Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM			
	1	13	49	100	7	43	10	38	100	7	36	\$ -		
	2	25	95	100	7	86	21	79	100	7	72	\$ -		
	6	34	129	100	7	120	28	106	100	7	102	\$ -		
	3	50	189	100	7	173	42	159	100	7	144	\$ -		
	Motor Code													
	8	0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 330		
	9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 330		
	J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 330		
	L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C										\$ 330		
	P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,630		
	X	Mount less Motor; Flange Mount, NEMA 56C										\$ -		
	Liquid End		Head		Valves		Seals		Seats		Balls		RPM Kit	
	2	PVDF	PVDF		PVDF		Teflex®		PVDF		Ceramic		RPM136	\$ 3,863
	8	PVC	PVC		PVDF		Viton®		PVC		Ceramic		RPM135	\$ 1,755
	7	316 SS	316 SS		316 SS		Viton®		316 SS		316 SS		RPM137	\$ 4,128
	P	Polymer Apps	PVC		PVC		Viton®		316 SS		316 SS		RPM211	\$ 2,247
	L	Slurry Apps	PVC		316 SS		Viton®		316 SS		316 SS		RPM401	\$ 4,392
	N	H2SO4 Apps	PVC		PVDF		PolyPrel®		Alloy 20		Alloy 20		RPM175	\$ 2,912
	Connection Code													
	P	Standard 1/2" NPTF										\$ -		
	T	Tubing (Barb Fitting) 1/2"								Not available on Metallic Heads		\$ -		
	P	Degassing, 1/2" NPTF, must order Valve PN 61411								Not available on Metallic Heads		\$ -		
T	Degassing, 1/2" Tubing, must order Valve PN 61411								Not available on Metallic Heads		\$ -			
SD7	1	8	2	P										

RPM Kit	Price	Contents
RPM135	\$ 522.00	*Diaphragm
RPM136	\$ 576.00	*Oil Seal
RPM137	\$ 1,785.00	*O-Rings
RPM211	\$ 1,195.50	*Suction & Discharge Cartridge,
RPM175	\$ 1,035.00	OR
RPM401	\$ 1,552.50	*Balls & Seats

Degassing Valve	Price
61411	\$ 2,037

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD

PUMP SELECTION AND PRICING

75

SIZE CODE 8

127 GPH (481 LPH); 75 psi (5 bar)

SD8												Price
Drive End												
SD8	Size Code											\$ 2,644
	60Hz											
	Gear Code	GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM	
	1	31	117	75	5	43	26	98	75	5	36	\$ -
	2	57	216	75	5	86	47	178	75	5	72	\$ -
	6	87	329	75	5	120	72	273	75	5	102	\$ -
	3	127	481	75	5	173	106	401	75	5	144	\$ -
	Motor Code											
	9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 330
	T	0.33 HP (.25 kW), 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$ 330
	J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$ 330
	L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C										\$ 330
	P	DC Variable Speed Drive; 0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$ 2,630
	X	Mount less Motor; Flange Mount, NEMA 56C										\$ -
	Liquid End											
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM106	\$ 3,998			
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM105	\$ 2,034			
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM107	\$ 4,627			
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM210	\$ 2,346			
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	Call Factory	\$ 4,752			
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM183	\$ 3,172			
	Connection Code											
	P	Standard 1/2" NPTF										\$ -
	T	Tubing (Barb Fitting) 1/2"										Not available on Metallic Heads \$ -
	P	Degassing, 1/2" NPTF, must order Valve PN 61411										Not available on Metallic Heads \$ -
	T	Degassing, 1/2" Tubing, must order Valve PN 61411										Not available on Metallic Heads \$ -
SD8	1	8	2	P								

RPM Kit	Price	Contents
RPM105	\$ 522.00	*Diaphragm
RPM106	\$ 516.00	*Oil Seal
RPM107	\$1,785.00	*O-Rings
RPM210	\$ 907.50	*Suction & Discharge Cartridge,
RPM183	\$1,068.00	OR
		*Balls & Seats

Degassing Valve	Price
61411	\$ 2,037

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW for 3-phase
1/3 Horsepower or 0.25 KW for 1-phase

SERIES G - SD

PUMP SELECTION AND PRICING

76

Series G Model SD Drive End

SD					Price	
Drive End Only						
SD					\$	-
	Liquid End Size Code			Max GPH at 173 SPM		
	2	Only fits on Liquid End Code 2			0.7	\$ 2,262
	4	Liquid End Code 4 & 7 are interchangeable on drives with any of these codes			14.4	\$ 2,262
	7	Liquid End Code 4 & 7 are interchangeable on drives with any of these codes			50	\$ 2,262
	8	Only fits on Liquid End Code 8			127	\$ 2,644
		Gear Code			SPM at 60 Hz	SPM at 50 Hz
		1	43	36	\$	-
		2	86	72	\$	-
		6	120	102	\$	-
		3	173	144	\$	-
		Motor Code				
		8	0.25 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C			\$ 330
		9	0.33 HP (.25 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C			\$ 330
		T	0.33 HP (.25 kW), 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C			\$ 330
		J	0.25 HP, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C			\$ 330
		L	0.33 HP (.25 kW), 1425 RPM, 3 Phase, 50 Hertz, 220/380/440 Volt, TEFC, NEMA 56C			\$ 330
		P	0.5 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA Input, NEMA 4/12 115 VAC			\$ 2,630
		X	Mount less Motor; Flange Mount, NEMA 56C			\$ -
SD	2	1	8			

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G - SD

PUMP SELECTION AND PRICING

77

Series G Model SD Liquid End

SD										
Liquid End Only								Price		
SD2	Size Code 2							\$ -		
SD4	Size Code 4							\$ -		
SD7	Size Code 7							\$ -		
SD8	Size Code 8							\$ -		
	Liquid End Material by Size Code									
	Size Code 2		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	PolyPrel®	C22	Ceramic	RPM099	\$ 1,759	
	8	PVC	PVC	PVDF	PolyPrel®	C22	Ceramic	RPM099	\$ 1,073	
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM101	\$ 2,477	
	P	Polymer Apps.	PVC	PVDF	Viton®	Alloy 22	Alloy 20	Call Factory	\$ 2,163	
	N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	Call Factory	\$ 2,181	
	Size Code 4		Head	Valves	Seals	Seats	Balls	RPM Kit		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM102	\$ 1,759	
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM102	\$ 1,073	
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM104	\$ 2,477	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM196	\$ 2,163	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM212	\$ 2,961	
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM173	\$ 2,181	
	Size Code 7		Head	Valves	Seals	Seats	Balls	RPM Kit		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM136	\$ 3,863	
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM135	\$ 1,755	
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM137	\$ 4,128	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM211	\$ 2,247	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	RPM401	\$ 4,392	
	N	H2SO4 Apps	PVC	PVDF	PolyPrel®	Alloy 20	Alloy 20	RPM175	\$ 2,912	
	Size Code 8		Head	Valves	Seals	Seats	Balls	RPM Kit		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM106	\$ 3,998	
	8	PVC	PVC	PVDF	Viton®	PVC	Ceramic	RPM105	\$ 2,034	
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM107	\$ 4,627	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM210	\$ 2,346	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS	316 SS	Call Factory	\$ 4,752	
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM183	\$ 3,172	
		Connections by Size Code								
		Size Code 2								
		P	Standard 1/4" NPTM						\$ -	
		T	Tubing (Barb Fitting) 1/4"					Not available on Metallic Heads	\$ -	
		Size Code 4								
		P	Standard, 1/4" NPTM (1/2" for Slurry Apps)						\$ -	
		T	Tubing (Barb Fitting) 1/2"					Not available on Metallic Heads	\$ -	
		Size Code 7 & 8								
		P	Standard 1/2" NPTF						\$ -	
		T	Tubing (Barb Fitting) 1/2"					Not available on Metallic Heads	\$ -	
		P	Degassing, 1/2" NPTF, must order Valve PN 61411					Not available on Metallic Heads	\$ -	
	T	Degassing, 1/2" Tubing, must order Valve PN 61411					Not available on Metallic Heads	\$ -		
	SD2	2	P							

Degassing Valve	Price
61411	\$ 2,037

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.
Motor requirements: 1/4 Horsepower or 0.18 KW

SERIES G SG METERING PUMPS



Size Code	Max Output		Max Pressure	
	GPH	LPH	PSI	Bar
5	106	400	150	10.3
6	147	556	100	6.9
7	300	1136	50	3.4

Liquid Ends & Drives

The liquid ends and drives for Series G pumps can be purchased separately using the codes and pricing from the following price pages.

NOTE: Drives cannot be mixed and matched with all liquid end sizes. Check with factory before attempting to put a different size liquid end on a drive.

SERIES G - SG

PUMP SELECTION AND PRICING

79

SIZE CODE 5

106 GPH (400 LPH); 150 psi (10.3 bar)

SG5												Price			
Drive End															
SG5 Size Code												\$	3,631		
	Gear Code	60Hz					50Hz								
		GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM				
		1	26	98	150	10.3	43	22	82	150	10.3	36	\$	-	
		2	53	200	150	10.3	86	44	167	150	10.3	72	\$	-	
		6	75	284	150	10.3	120	63	237	150	10.3	102	\$	-	
		3	106	400	150	10.3	173	88	334	150	10.3	144	\$	-	
		Motor Code													
			8	1 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C										\$	514
			9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C										\$	514
			J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C										\$	514
			L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C										\$	514
			P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 mA input, NEMA 4/12 115 VAC										\$	2,632
			X	Mount less Motor; Flange Mount, NEMA 56C										\$	-
			Y	Mount less Motor; Flange Mount, NEMA 143/145TC										\$	-
			Liquid End	Head	Valves	Seals	Seats	Balls	RPM						
				2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM046	\$	3,544		
				7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM047	\$	4,233		
				8	PVC	PVC	PVC	Viton®	PVC	Ceramic	RPM045	\$	1,839		
				4	Black PP	Black PP	PVDF	Viton®	PVC	Ceramic	RPM045	\$	2,508		
				C	Caustic Apps	PVC	PVDF	EPDM	PVC	Ceramic	RPM483	\$	1,839		
	F			Flouride Apps	PVC	PVDF	Viton®	PVC	PTFE	RPM045	\$	1,839			
	P			Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM126	\$	2,471			
	L			Slurry Apps*	PVC	316 SS	Viton®	316 SS (pin)	316 SS	SEE NOTE	\$	2,336			
	N			H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM175	\$	2,672			
			Connection Code												
P				Standard, 1/2" NPTF							\$	-			
T				Tubing (Barb Fitting) 1/2"							\$	-			
P				Degassing, 1/2" NPTF, must order Valve PN 61411					Not available on Metallic Heads		\$	-			
T				Degassing, 1/2" Tubing, must order Valve PN 61411					Not available on Metallic Heads		\$	-			
SG5	1	8	2	P											

RPM	Price	Contents
RPM045	\$ 696.00	
RPM046	\$ 675.00	*Diaphragm
RPM047	\$ 2,056.50	*Oil Seal
RPM483	\$ 457.50	*O-Rings
RPM126	\$ 1,392.00	*Suction & Discharge
RPM175	\$ 1,035.00	Cartridge, OR
RPM226	\$ 3,042.00	*Balls & Seats
RPM400	\$ 2,236.50	

Degassing Valve	Price
61411	\$ 2,037

*NOTE:

Slurry LE prior to May 2008, use RPM226.

Slurry LE post May 2008, new, or converted, use RPM400

SG5 Slurry pumps made before 2008 may require conversion kit RPM226 in order to use parts in RPM400 going forward. RPM400 is a more cost effective design used on all new pumps after May 2008 and on those converted to the new design using RPM226.

High Viscosity Liquid Ends may result in a reduction of output.

All Diaphragms are PTFE.

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor Requirements: 1HP / 0.75kW for Single and Three Phase

SERIES G - SG

PUMP SELECTION AND PRICING

80

SIZE CODE 6

147 GPH (556 LPH); 100 psi (6.9 bar)

SG6												Price						
Drive End																		
SG6	Size Code											\$	3,631					
	60Hz					50Hz												
	Gear Code		GPH	LPH	psi	bar	SPM	GPH	LPH	psi	bar	SPM						
	1		36	136	100	6.9	43	30	114	100	6.9	36	\$	-				
	2		73	276	100	6.9	86	61	230	100	6.9	72	\$	-				
	6		104	394	100	6.9	120	87	238	100	6.9	102	\$	-				
	3		147	556	100	6.9	173	123	464	100	6.9	144	\$	-				
	Motor Code																	
	8		1 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C									\$	514					
	9		1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TE, NEMA 56C									\$	514					
	J		1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C									\$	514					
	L		1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C									\$	514					
	P		1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC									\$	2,632					
	X		Mount less Motor; Flange Mount, NEMA 56C									\$	-					
	Y		Mount less Motor; Flange Mount, NEMA 143/145TC									\$	-					
	Liquid End																	
	2		PVDF		PVDF		PVDF		Teflex®		PVDF		Ceramic		RPM049		\$	6,135
	7		316 SS		316 SS		316 SS		PTFE		316 SS		316 SS		RPM050		\$	4,630
	8		PVC		PVC		PVC		Viton®		PE		Ceramic		RPM048		\$	2,243
	4		Black PP		Black PP		PP		Viton®		PE		Ceramic		RPM048		\$	2,803
	C		Caustic Apps		PVC		PVC		EPDM		PE		Ceramic		RPM485		\$	2,243
	F		Flouride Apps		PVC		PVC		Viton®		PE		PTFE		RPM048		\$	2,243
	P		Polymer Apps		PVC		PVC		Viton®		316 SS		316 SS		RPM176		\$	3,572
	L		Slurry Apps		PVC		316 SS		Viton®		316 SS (pin)		316 SS		RPM219		\$	4,700
	N		H2SO4 Apps		PVC		PVDF		Viton®		Alloy 20		Alloy 20		RPM194		\$	3,330
	Connection Code																	
	P		Standard; 1" NPTF for Plastic Heads, 1" NPTM for Metallic Heads										\$	-				
	T		Tubing (Barb Fitting) 1"										\$	-				
P		Degassing, 1/2" NPTF, must order Valve PN 61421					Not available on Metallic Heads					\$	-					
T		Degassing, 1/2" Tubing, must order Valve PN 61421					Not available on Metallic Heads					\$	-					
SG6	1	8	2	P														

RPM	Price	Contents
RPM048	\$ 870.00	*Diaphragm
RPM049	\$ 1,422.00	*Oil Seal
RPM050	\$ 816.00	*O-Rings
RPM176	\$ 2,065.50	*Suction & Discharge
RPM194	\$ 4,585.50	Cartridge, OR
RPM219	\$ 1,417.50	*Balls & Seats
RPM485	\$ 631.50	

Degassing Valve	Price
61411	\$ 2,037

NOTE:

High Viscosity Liquid Ends may result in a reduction of output.

All Diaphragms are PTFE.

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor Requirements: 1HP / 0.75kW for Single and Three Phase

81

300 GPH (1136 LPH); 50 psi (3.4 bar)

RPM	Price	Contents
RPM051	\$ 913.50	*Diaphragm
RPM052	\$ 1,485.00	*Oil Seal
RPM053	\$ 1,305.00	*O-Rings
RPM203	\$ 3,912.00	*Suction & Discharge
RPM220	\$ 1,564.50	Cartridge, OR
RPM221	\$ 2,955.00	*Balls & Seats
RPM487	\$ 696.00	
RPM488	\$ 481.50	

NOTE:

High Viscosity Liquid Ends may result in a reduction of output.

All Diaphragms are PTFE.

All capacities are based on maximum pressures. For operation at reduced pressures, add 1% flow for every 25 psi (1.7 bar) decrease in pressure.

Motor Requirements-

Single Phase: 1.5 HP / 1.1 kW

Three Phase : 1 HP / 0.75 kW

SERIES G - SG

PUMP SELECTION AND PRICING

82

Series G Model SG Drive End

SG				Price
Drive End Only				
SG	Size Code			\$ 3,631.00
	Gear Code	SPM at 60 Hz	SPM at 50 Hz	
	1	43	36	\$ -
	2	86	72	\$ -
	6	120	102	\$ -
	3	173	144	\$ -
	Motor Code			
	8	1 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C		\$ 514
	9	1 HP (.75 kW), 1425 RPM, 1 Phase, 50 Hertz, 115/230 Volt, TEFC, NEMA 56C		\$ 514
	T	1.5 HP, 1725 RPM, 1 Phase, 60 Hertz, 115/230 Volt, TEFC, NEMA 56C		\$ 514
	J	1 hp, 1725 RPM, 3 Phase, 60 Hertz, 230/460 Volt, TEFC, NEMA 56C		\$ 514
	L	1 HP (.75 kW), 1450 RPM, 3 Phase, 50 Hertz, 220/380 Volt, TEFC, NEMA 56C		\$ 514
	P	1 HP 1725 RPM TEFC motor w/DC Drive, 4-20 ma input, NEMA 4/12 115 VAC		\$ 2,632
	X	Mount less Motor; Flange Mount, NEMA 56C		\$ -
	Y	Mount less Motor; Flange Mount, NEMA 143/145TC		\$ -
SG	1	8		

SERIES G - SG

PUMP SELECTION AND PRICING

83

Series G Model SG Liquid End

SG										
Liquid End Only									Price	
SG5	Size Code 5								\$ -	
SG6	Size Code 6								\$ -	
SG7	Size Code 7								\$ -	
	Liquid End Material by Size Code									
	Size Code 5		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM046	\$ 3,544	
	7	316 SS	316 SS	316 SS	Viton®	316 SS	316 SS	RPM047	\$ 4,233	
	8	PVC	PVC	PVC	Viton®	PVC	Ceramic	RPM045	\$ 1,839	
	4	Black PP	Black PP	PVDF	Viton®	PVC	Ceramic	RPM045	\$ 2,508	
	C	Caustic Apps	PVC	PVDF	EPDM	PVC	Ceramic	RPM483	\$ 1,839	
	F	Flouride Apps	PVC	PVDF	Viton®	PVC	PTFE	RPM045	\$ 1,839	
	P	Polymer Apps	PVC	PVDF	Viton®	316 SS	316 SS	RPM126	\$ 2,471	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	see note	\$ 2,336	
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM175	\$ 2,672	
	Size Code 6		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM049	\$ 6,135	
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM050	\$ 4,630	
	8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM048	\$ 2,243	
	4	Black PP	Black PP	PP	Viton®	PE	Ceramic	RPM048	\$ 2,803	
	C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM485	\$ 2,243	
	F	Flouride Apps	PVC	PVC	Viton®	PE	PTFE	RPM048	\$ 2,243	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM176	\$ 3,572	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM219	\$ 4,700	
	N	H2SO4 Apps	PVC	PVDF	Viton®	Alloy 20	Alloy 20	RPM194	\$ 3,330	
	Size Code 7		Head	Valves	Seals	Seats	Balls	RPM		
	2	PVDF	PVDF	PVDF	Teflex®	PVDF	Ceramic	RPM052	\$ 9,005	
	7	316 SS	316 SS	316 SS	PTFE	316 SS	316 SS	RPM053	\$ 5,726	
	8	PVC	PVC	PVC	Viton®	PE	Ceramic	RPM051	\$ 4,181	
	C	Caustic Apps	PVC	PVC	EPDM	PE	Ceramic	RPM487	\$ 4,181	
	F	Flouride Apps	PVC	PVC	Viton®	PE	Teflon	RPM488	\$ 4,181	
	P	Polymer Apps	PVC	PVC	Viton®	316 SS	316 SS	RPM221	\$ 5,821	
	L	Slurry Apps	PVC	316 SS	Viton®	316 SS (pin)	316 SS	RPM220	\$ 6,330	
	N	H2SO4 Apps	PVC	PVC	Viton®	Alloy 20	Alloy 20	RPM203	\$ 6,237	
		Connections by Size Code								
		Size Code 5								
		P	Standard, 1/2" NPTF							\$ -
		T	Tubing (Barb Fitting) 1/2"							\$ -
		P	Degassing, 1/2" NPTF, must order Valve PN 61411				Not available on Metallic Heads		\$ -	
		T	Degassing, 1/2" Tubing, must order Valve PN 61411				Not available on Metallic Heads		\$ -	
		Size Code 6 & 7								
		P	Standard; 1" NPTF for Plastic Heads, 1" NPTM for Metallic Heads							\$ -
		T	Tubing (Barb Fitting) 1"							\$ -
		P	Degassing, 1/2" NPTF, must order Valve PN 61421				Not available on Metallic Heads		\$ -	
	T	Degassing, 1/2" Tubing, must order Valve PN 61421				Not available on Metallic Heads		\$ -		
SG5	2	P								

Degassing Valve	Price
61411	\$ 2,037
61421	\$ 2,951

Series G Parts by Number

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Part Number	Description	Units	Price	Part Number	Description	Units	Price
21291	DRIVE SHAFT MACROY D	EA	\$ 828.00	60640	DIAPHRAGM CAP GB80 PVDF	EA	\$ 1,878.00
39461	CARTRIDGE ASM, 375	EA	\$ 826.50	60642	SUPPORT NUT GB80 304SS	EA	\$ 1,510.50
40203	WALDES TRUARC RET RING 5133-12	EA	\$ 16.50	60654	OBSOLETE - SEE S60654	EA	Obsolete
40204	WALDES RET RING X5133-18	EA	\$ 16.50	60733	COUPLING WORM,GM/MACROY D, 56C	EA	\$ 48.00
40348	O-RING TEFLON PARKER#2-117	EA	Obsolete	60754	BACK-UP PLATE G40/60	EA	\$ 283.50
41065	BREATHING PLUG, 3/8 (#54022)	EA	\$ 76.50	60765	O-RING, TEFLON-V-123	EA	\$ 43.50
41069	SOC HD SCR #10-24X1-3/4 SS	EA	\$ 16.50	60819	G40 LIME SLURRY, SEAL RING, 316S	EA	\$ 690.00
41655	BALL 9/32 DIA. CA20	EA	\$ 114.00	60828	DO NOT USE (S60829&S60829)	EA	Obsolete
60001	DRIVE HOUSING MACHINED GB	EA	\$ 1,074.00	60829	DO NOT USE (S60829&S60829)	EA	Obsolete
60002	SLIDING CRANK STEEL GB	EA	\$ 501.00	60855	SEAT 5/8" BALL CA20	EA	\$ 324.00
60003	ECCENTRIC STEEL GB	EA	\$ 435.00	60865	CONV KIT D7,D8,G5 POLYMER 1/2"	EA	\$ 1,446.00
60007	GEAR 10:1	EA	Obsolete	60875	ECCENTRIC; STROKE COUNTING	EA	\$ 3,097.50
60009	GEAR 20:1 MACD	EA	Obsolete	60876	TARGET; MACG STROKE COUNTING	EA	\$ 1,378.50
60011	GEAR 40:1 MACG	EA	Obsolete	60877	HOUSING; STROKE COUNTING	EA	\$ 2,136.00
60014	THRUST FLANGE BEARING GB	EA	\$ 150.00	60878	INDUCTIVE PROXIMITY SWITCH	EA	\$ 1,980.00
60020	WORM 40:1 F130 GB	EA	Obsolete	60931	BASE KIT MACROY	EA	\$ 84.00
60024	CARTRIDGE BODY PVDF GB40	EA	\$ 67.50	60948	STRK ADJ SCR G OBSOL(H60768)	EA	Obsolete
60031	HEAD PVDF GB40	EA	\$ 3,592.50	60949	BRG RET OBSOL(H60757)	EA	Obsolete
60032	HEAD POLYPRO GB40	EA	\$ 382.50	60973	HSG STROKE COUNTING SPECIAL G	EA	\$ 2,821.50
60033	HEAD PVC GB40	EA	\$ 571.50	60974	TARGET ADAPTER STR COUNTING	EA	\$ 4,222.50
60034	OIL SEAL CLAMP ALUM G	EA	\$ 55.50	60995	DIAPHRAGM, MACROY D, LE4	EA	\$ 285.00
60035	DIAPH SUPPORT RING GB40 POLYP	EA	\$ 130.50	61035	SPACER; MACROY D LE 2/4	EA	\$ 549.00
60043	OIL SEAL CLAMP ALUM G	EA	\$ 33.00	61051	SUPPORT NUT: MACD4.0	EA	\$ 409.50
60048	DIAPHRAGM / OIL SEAL BELLOW	EA	\$ 34.50	61052	DIAPHRAGM CAP; PVC; MACD4.0	EA	\$ 285.00
60050	GEAR OBSOLETE - SEE S60050	EA	Obsolete	61053	DIAPHRAGM CAP; PVDF; MACD4.0	EA	\$ 379.50
60052	SHOE GB	EA	\$ 66.00	61055	PTFE WASHER	EA	\$ 19.50
60068	HEAD PVDF GB60	EA	\$ 2,997.00	61056	PVC HEAD	EA	\$ 807.00
60070	DIAPHRAGM SUPPORT RING GB60	EA	\$ 135.00	61057	DIAPHRAGM HEAD, MACD4.0, PVDF	EA	\$ 2,517.00
60086	HEX HEAD PLUG 3/8-19 BSP	EA	\$ 91.50	61059	10-24X 3/4" HI-PREFORM HEXHEAD	EA	\$ 15.00
60117	UNION END 1/2 NPT FEMALE PVC	EA	\$ 57.00	61075	SUPPORT RING MACROY D 4	EA	\$ 159.00
60119	UNION END 1/2 NPT PVDF	EA	\$ 118.50	61076	MAC D & MIL D NAMEPLTE	EA	\$ 39.00
60130	HEAD PVC GB60	EA	\$ 612.00	61083	ADAPTER; MACD2.0	EA	\$ 561.00
60132	UNION END 1" NPT PVC	EA	\$ 52.50	61088	DIAPHRAGM SEAT RING	EA	\$ 580.50
60133	UNION END 1" NPT PVDF	EA	\$ 231.00	61089	DIAPHRAGM HEAD PVC SD2	EA	\$ 1,239.00
60135	COUPLING 1 BSP X 1/2 NPT 316	EA	\$ 457.50	61090	DIAPHRAGM HEAD PVDF SD2	EA	\$ 1,414.50
60147	UNION END 1" BSP PVDF	EA	\$ 654.00	61104	MALE ECCENTRIC SD2	EA	\$ 987.00
60148	CAUTION MOTOR DECAL G	EA	\$ 22.50	61105	FEMALE ECCENTRIC SD2	EA	\$ 910.50
60150	DIAPHRAGM ASSY GB40 PVC	EA	\$ 1,126.50	61106	DIAPHRAGM HEAD 316SS SD2	EA	\$ 1,906.50
60151	DIAPHRAGM ASSY GB60 PVC	EA	\$ 1,815.00	61107	BALL SEAT 9/32 BALL	EA	\$ 552.00
60159	DIAPHRAGM SUPPORT RING GB80	EA	\$ 445.50	61108	KEY SD2	EA	\$ 448.50
60160	CAP POLYPRO B80 (60639)	EA	Obsolete	61114	COUPLING IEC 71 FR MAC D	EA	\$ 690.00
60162	DIAPHRAGM GB80 GYLON	EA	\$ 382.50	61115	COUPLING 56CFR MAC D	EA	\$ 2,230.50
60163	SUPPORT NUT ALUM GB80 (60642)	EA	Obsolete	61116	BEARING DEEP GROOVE SKF# 6203	EA	\$ 52.50
60165	ADAPTER LE/HSG ALUM GB80	EA	\$ 663.00	61118	G60-80 SLURRY VALVE BODY, 316	EA	\$ 2,343.00
60171	HEAD PVC GB80	EA	\$ 1,524.00	61136	COVER MACHINED SD	EA	\$ 2,467.50
60173	DIAPH CAP PVDF GB80 (60640)	EA	\$ 1,041.00	61141	CHECK VALVE SD2-PVC/PVDF-NPT	EA	\$ 1,258.50
60174	HEAD PVDF GB80	EA	\$ 8,622.00	61142	CHECK VALVE SD2-PVC/PVDF-TUBE	EA	\$ 1,293.00
60180	DIAPHRAGM HEAD 316 GB80	EA	Obsolete	61145	SUPPORT RING, SD8	EA	\$ 973.50
60199	MOTOR ADAPTER PLATE IEC 80	EA	\$ 445.50	61146	SUPPORT NUT; D8	EA	\$ 594.00
60206	HEX HD SCR M8X130MM LG 304SS	EA	\$ 42.00	61147	HEAD PVDF SD8	EA	\$ 1,627.50
60208	HEX NIPPLE 1/4NPT X 1/4BSP 316	EA	\$ 114.00	61148	HEAD PVC SD8	EA	\$ 628.50
60222	WORM-GEAR-SHAFT 10:1 IEC80	EA	\$ 1,176.00	61149	HEAD 316SS SD8	EA	Obsolete
60223	WORM-GEAR-SHAFT 20:1 IEC 80	EA	\$ 1,176.00	61152	SPACER; MACROY D7/8	EA	\$ 22.50
60224	WORM-GEAR-SHAFT 40:1 IEC80	EA	\$ 1,176.00	61153	SPRING CUP D7/8 (6)	EA	\$ 84.00
60226	DIAPHRAGM ASSY GB80 PVC	EA	\$ 2,149.50	61154	PTFE SEAL RING	EA	\$ 43.50
60227	DIAPHRAGM ASSY GB80 POLYPRO	EA	\$ 1,606.50	61155	ADAPTER, CONN. ROD, SD7/8	EA	\$ 66.00
60228	DIAPHRAGM ASSY GB80 316SS	EA	\$ 2,958.00	61156	LE ADPTR, SD7/8(D61156/HSIS)	EA	\$ 531.00
60229	DIAPHRAGM ASSY GB80 PVDF	EA	\$ 2,002.50	61216	SEAT CA20 1" BALL, MACROY G	EA	\$ 726.00
60232	D.D. SPACER PVC GB80	EA	\$ 2,845.50	61246	STANDOFF - D/SD ECC	EA	\$ 343.50
60233	D.D. INTER RING PVC GB80	EA	\$ 3,127.50	61247	DRIVE COUPLING - D/SD ECC	EA	\$ 652.50
60260	WORM SHAFT COUPLING IEC 71 FR	EA	\$ 130.50	61260	HEAD BLEED PORT 316 GB40	EA	\$ 2,187.00
60261	WORM SHAFT COUPLING 56C FR	EA	\$ 130.50	61261	STROKE SCREW, ORING, MACROY D	EA	\$ 2,277.00
60264	SPRING LEE LC-092H-1	EA	\$ 16.50	61262	SET SCREW M8 MOD, 3"MACROY D	EA	\$ 115.50
60266	CHECK 1/2NPTF CERAMIC BALL	EA	Obsolete	61266	BASE MACROY G AND D	EA	\$ 240.00
60292	SIDE GUARDS ECC GB MODIFY	EA	\$ 561.00	61270	SEAT 3/8 BALL MACROY D-4, D-2	EA	\$ 486.00
60294	PAN HD SCR SLOT M3X10MM 304SS	EA	\$ 15.00	61273	CHECK VLV SD4-PVC/PVDF-NPT DIS	EA	\$ 1,006.50
60296	STROKE CONTROL KNOB KIT	EA	\$ 118.50	61274	CHECK VLV SD4-PVC/PVDF-NPT SUC	EA	\$ 561.00
60395	WORM-GEAR-SHAFT 10:1 56C	EA	\$ 1,176.00	61275	SPRING, LEE LC-016C-8-HAST-C	EA	\$ 634.50
60396	WORM-GEAR-SHAFT 20:1 56C	EA	\$ 1,176.00	61277	CHKVLVS SLURRY G6,7 KIT	EA	\$ 5,778.00
60397	WORM-GEAR-SHAFT 40:1 56C"G"	EA	\$ 1,176.00	61300	INDUCTIVE SWITCH CABLE	EA	\$ 202.50
60443	SIDE COVR OBSOLETE USE H60767	EA	Obsolete	61302	VALVE BODY & GUIDE D15.9 316L	EA	\$ 796.50
60444	STROKE ADJ (H60768)INS OBSOLET	EA	Obsolete	61303	COUPLING 1 BSP X 3/4 NPT 316	EA	\$ 976.50
60536	HEAD ACRYLIC GB40	EA	\$ 2,119.50	61304	SUC CHECK ASSY G6 316 KIT	EA	\$ 2,305.50
60618	DIAPHRAGM D82 LE 40 GYLON	EA	\$ 285.00	61305	HEAD BLEED PORT PVC GB40	EA	\$ 850.50
60624	DIAPHRAGM GB60 GYLON	EA	\$ 285.00	61306	HEAD BLEED PORT POLY PRO GB40	EA	\$ 1,074.00
60628	DIAPHRAGM CAP GB40 PVC	EA	\$ 205.50	61307	HEAD BLEED PORT PVDF GB40	EA	\$ 2,226.00
60629	DIAPHRAGM CAP GB40 POLYPRO	EA	\$ 304.50	61316	BALL SEAT 3/8 BALL CA-20	EA	\$ 439.50
60630	DIAPHRAGM CAP GB40 PVDF	EA	\$ 426.00	61319	HEX HD SCR M8X140MM LG 304SS	EA	\$ 16.50
60631	DIAPHRAGM CAP GB40 316SS	EA	\$ 544.50	61377	DIAPHRAGM HEAD BLK POLY SD2	EA	\$ 1,123.50
60632	SUPPORT NUT GB40 304SS	EA	\$ 358.50	61378	MALE CONN 1/16 NPTM X1/8 TUBE	EA	Obsolete
60633	DIAPHRAGM CAP GB60 PVC	EA	\$ 172.50	61379	MODIFY STUD 1/4 X 1-3/8LG	EA	\$ 387.00
60634	DIAPHRAGM CAP GB60 POLYPRO	EA	\$ 216.00	61380	ADAPTER DOUBLE DIAPH MACD2.0	EA	\$ 1,102.50
60635	DIAPHRAGM CAP GB60 PVDF	EA	\$ 1,437.00	61381	DIAPH MACROY D2 MODIFY DD	EA	\$ 439.50
60636	DIAPHRAGM CAP GB60 316SS	EA	\$ 717.00	61386	DIAPHRAGM SEAT RING DD	EA	\$ 1,356.00
60637	SUPPORT NUT GB60 304SS	EA	\$ 438.00	61395	ELBOW 1"MPT X 1"BARB PVDF	EA	\$ 105.00
60638	DIAPH CAP GB80 PVC (60170)	EA	\$ 532.50	61396	ELBOW 1/2"MPT X 1/2"BARB PVDF	EA	\$ 57.00
60639	DIAPH CAP GB80 POLYPRO (60160)	EA	\$ 2,881.50	61407	DE-GASSING VALVE BODY PVC	EA	\$ 900.00

Series G Parts by Number

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Part Number	Description	Units	Price	Part Number	Description	Units	Price
61408	DE-GASSING SEAT INSERT PVC	EA	\$ 552.00	435003542	HEX HD SCR M8 X 35MM Z PL	EA	Obsolete
61409	DE-GASSING BALL STOP PVC	EA	\$ 207.00	435003565	HEX HD SCR M8X 90MM LG 304SS	EA	\$ 25.50
61410	DE-GASSING LIFT PIN HASTC22	EA	\$ 283.50	4350035785	HEX HD SCR M10 X 75MM LG 304	EA	\$ 34.50
61411	DE-GAS VAL ASY PVC D7/D8/G5	EA	\$ 2,037.00	4350036035	HEX HD SCR M12 X 130MM 304SS	EA	\$ 42.00
61412	UNION END 1/4 NPTF PVC	EA	\$ 114.00	4350071284	SOC SET SCR DOG PT M10X45MM ST	EA	\$ 16.50
61413	"O" RING 2-015 VITON	EA	Obsolete	4350071334	SOC SET SCR DOG PT M10X70MM ST	EA	\$ 22.50
61414	DE-GASSING ADAP PVC 1" BSP	EA	\$ 1,351.50	4350013734	SOC SET SCR CUP PT M10X90MM	EA	\$ 36.00
61415	WORM-GEAR-SHAFT 14:1 56C	EA	\$ 1,176.00	4350117100	SELF-TAPPING TH'D INSERT M10	EA	\$ 18.00
61421	DEGASSING VALVE	EA	\$ 2,950.50	4370000140	BALL 14MM CERAMIC AD995	EA	\$ 142.50
61422	SENSOR ADAPTER STR COUNTING	EA	\$ 685.50	4370000169	BALL D15.9 GLASS (BOROSILICATE)	EA	\$ 69.00
61425	DE-GASSING ADAP PVC 1-1/2 BSP	EA	\$ 1,597.50	4380051062	O-RING VITON	EA	Obsolete
61426	HEAD BLEED PORT PVC GB60	EA	\$ 1,150.50	60030106071	BALL GUIDE PVC	EA	\$ 309.00
61439	SEAT 9/32 BALL CA20	EA	\$ 552.00	60240137073	SEAT POLYETHYLENE 1" BALL	EA	\$ 181.50
62000	BASE MACROY D 3-A	EA	\$ 1,191.00	1600273192N	MALE ECCENTRIC 6MM S.L. - N/A	EA	\$ 900.00
62001	DRIVE HOUSING MACHINED FD	EA	\$ 1,044.00	2502110067N	SEAL SIDE COVER SD	EA	\$ 79.50
62002	LOCKING KNOB MACROY FD 316	EA	\$ 685.50	3701310039N	OBSOLETED SEE 37013100039	EA	Obsolete
62003	STROKE KNOB MACROY FD 316SS	EA	\$ 1,893.00	4380024051N	O-RING 102MM ID 4MM THICK	EA	\$ 45.00
62009	STROKE SCREW COVER REWORK	EA	\$ 556.50	5203092085N	GEAR 10:1 MACROY D - N/A Must purchase Drive	EA	\$ 516.00
62013	DIAPHRAGM CAP 40 316SS 3A PUMP	EA	\$ 1,554.00	5203093085N	GEAR 20:1 MACROY D - N/A Must purchase Drive	EA	\$ 516.00
62014	LE ADAPTOR, SD7/8, 3A PUMP	EA	\$ 3,055.50	5203094085N	GEAR 40:1 MACROY D - N/A Must purchase Drive	EA	\$ 261.00
62019	BALL GUIDE 5/8 WITH 1" T/C	EA	\$ 2,388.00	H60767	SIDE COVER GB	EA	\$ 673.50
62020	SEAT 5/8 BALL WITH 1" T/C	EA	\$ 754.50	H60768	ADJUST SCREW GB	EA	\$ 195.00
62021	LIQUID END SD 7/8 3-A	EA	\$ 4,279.50	RPM019	ROUTINE MAINT KIT GB40 POLYPRO	EA	\$ 1,044.00
70003	MOLDED CONNECTING ROD DMR PART-N/A	EA	\$ 163.50	RPM020	ROUTINE MAINT KIT GB60 POLYPRO	EA	\$ 2,065.50
70022	G KNOB STICKER(SEE69004)	EA	Obsolete	RPM021	ROUTINE MAINT KIT GB80 POLYPRO	EA	\$ 2,130.00
70066	STROKE ADJUST KNOB GB	EA	\$ 84.00	RPM022	ROUTINE MAINT KIT GB40 PVC	EA	\$ 924.00
70067	VENT W/DIP STICK	EA	\$ 100.50	RPM023	ROUTINE MAINT KIT GB60 PVC	EA	\$ 1,576.50
40215010	VALVE CLAMP 304SS	EA	\$ 544.50	RPM024	ROUTINE MAINT KIT GB80 PVC	EA	\$ 1,935.00
210696016	VAL BODY & GUIDE (REWORK)	EA	\$ 633.00	RPM025	ROUTINE MAINT KIT GB40 PVDF	EA	\$ 1,326.00
210696071	CARTRIDGE BODY DOUBLE B40 PVC	EA	\$ 379.50	RPM026	ROUTINE MAINT KIT GB60 PVDF	EA	\$ 2,266.50
210760016	HEAD 316 GB40	EA	Obsolete	RPM027	ROUTINE MAINT KIT GB80 PVDF	EA	\$ 4,107.00
210761016	HEAD 316 GB60	EA	Obsolete	RPM028	ROUTINE MAINT KIT GB40 GS 316	EA	\$ 2,673.00
240137016	SEAT, 1" BALL, 316SS	EA	\$ 1,431.00	RPM029	ROUTINE MAINT KIT GB60 316SS	EA	\$ 1,369.50
440090078	POPPET, PVDF	EA	\$ 231.00	RPM030	ROUTINE MAINT KIT GB80 316SS	EA	\$ 2,130.00
450128116	CHECK VALVE BODY 1"NPT 316	EA	\$ 357.00	RPM045	RPM KIT G5 SG5 PP/PVC/ACRYLIC	EA	\$ 696.00
450420016	COUPLING 1 BSP X 1/2 BSP 316	EA	\$ 343.50	RPM046	RPM KIT G5 SG5 PVDF	EA	\$ 675.00
800123026	SPRING, HASTELLOY C	EA	\$ 96.00	RPM047	RPM KIT G5 SG5 316SS	EA	\$ 2,056.50
920064071	BALL STOP B40 PVC	EA	\$ 216.00	RPM048	RPM KIT G6 SG6 PP/PVC/ACRYLIC	EA	\$ 870.00
980358062	SUPPORT NUT D82 LE 40	EA	\$ 172.50	RPM049	RPM KIT G6 SG6 PVDF	EA	\$ 1,422.00
980366071	D.D. INTER RING PVC GB40	EA	\$ 651.00	RPM050	RPM KIT G6 SG6 316SS	EA	\$ 816.00
980367071	D.D. SPACER PVC GB40	EA	\$ 651.00	RPM051	RPM KIT G7 SG7 PP/PVC/ACRYLIC	EA	\$ 913.50
980368071	D.D. INTER RING PVC GB60	EA	\$ 3,715.50	RPM052	RPM KIT G7 SG7 PVDF	EA	\$ 1,485.00
980369071	D.D. SPACER PVC GB60	EA	\$ 3,199.50	RPM053	RPM KIT G7 SG7 316SS	EA	\$ 1,305.00
2240173078	SEAT 5/8 PVDF	EA	\$ 57.00	RPM099	RPM KIT D2/SD2 PVC / PVDF	EA	\$ 1,339.50
2530046062	STROKE SCALE	EA	\$ 22.50	RPM101	RPM KIT D2/SD2 316SS	EA	\$ 1,248.00
3050583022	CHECK VALVE D25 ASSY 316SS	EA	\$ 997.50	RPM102	RPM KIT D4/SD4 PVC / PVDF	EA	\$ 513.00
3050629007	COMP BODY/SEAT/ORING/BALL	EA	\$ 865.50	RPM104	RPM KIT D4/SD4 316SS	EA	\$ 678.00
3050629008	CHECK VALVE D25 ASSY PVDF	EA	\$ 820.50	RPM105	RPM KIT D8/SD8 PVC	EA	\$ 522.00
3050629009	COMP BODY/SEAT/ORING/BALL	EA	\$ 1,332.00	RPM106	RPM KIT D8/SD8 PVDF	EA	\$ 516.00
3050629500	SEAT, BALL, SEAL KIT - G6/7	EA	\$ 411.00	RPM107	RPM KIT D8/SD8 316SS	EA	\$ 1,785.00
3050629700	SEAT, O-RING, BALL D25 PVDF	EA	\$ 1,690.50	RPM126	RPM KIT G5 SG5 POLYMER CHKVLVS	EA	\$ 1,392.00
3050870007	CHK VALVE DN 15 PVC	EA	\$ 402.00	RPM134	RPM KIT G51X0002	EA	\$ 1,756.50
3050870008	CHECK VALVE D15.9 ASSY PVDF	EA	\$ 439.50	RPM135	RPM KIT D7/SD7 PVC	EA	\$ 522.00
3050876602	SS CHK VALV USE IN HSE COMPON	EA	\$ 927.00	RPM136	RPM KIT D7/SD7 PVDF	EA	\$ 576.00
3050879500	SEAT, BALL & O-RING KIT GB	EA	\$ 276.00	RPM137	RPM KIT D7/SD7 316SS	EA	\$ 1,785.00
3050879700	SEAT, O-RING, BALL D15.9 PVDF	EA	\$ 300.00	RPM161	RPM KIT D2/SD2 PVC / PVDF D.D.	EA	\$ 1,791.00
3050976090	DIAPHRAGM ASSY GB60 POLYPRO	EA	\$ 898.50	RPM162	RPM KIT D2/SD2 316SS D.D.	EA	\$ 1,698.00
3050976110	DIAPHRAGM ASSY G5 POLYPRO	EA	\$ 898.50	RPM163	RPM KIT D4/SD4 PVC / PVDF D.D.	EA	\$ 709.50
3050976120	DIAPHRAGM ASSY GB40 316	EA	\$ 1,044.00	RPM164	RPM KIT D4/SD4 316SS D.D.	EA	\$ 886.50
3050976130	DIAPHRAGM ASSY GB40 PVDF	EA	\$ 1,150.50	RPM173	RPM KIT D4 H2SO4 NPT CONN	EA	\$ 1,171.50
3050976230	DIAPHRAGM ASSY GB60 PVDF	EA	\$ 1,035.00	RPM174	RPM KIT D4 H2SO4 TUBING CONN	EA	\$ 1,179.00
3050976320	DIAPHRAGM ASSY GB60 316	EA	\$ 1,167.00	RPM175	RPM KIT G5 D7 SG5 SD7 H2SO4	EA	\$ 1,035.00
404009012	FLAT WASHER 3/8 Z PLT	EA	\$ 13.50	RPM176	RPM KIT G6 SG6 POLYMER CHKVLVS	EA	\$ 2,065.50
4040107231	TRUARC RET RING 5160-66 - N/A	EA	\$ 13.95	RPM178	ROUTINE MAINT KIT SD71X0001	EA	\$ 2,871.00
4050018119	HEX HD SCR 3/8-16X1 GR5 ULTRA	EA	\$ 18.00	RPM183	RPM KIT D8 H2SO4	EA	\$ 1,068.00
4070014172	BALL 5/8 316SS	EA	\$ 70.50	RPM185	RPM KIT FD7 SEAT,BALL,GASKET	EA	\$ 1,176.00
4070014173	BALL, 5/8 CA20	EA	\$ 177.00	RPM194	RPM KIT G6 SG6 H2SO4	EA	\$ 4,585.50
4070014233	BALL 1" CA20	EA	\$ 433.50	RPM196	RPM KIT SD4 & SD2 POLYMER	EA	\$ 1,801.50
4070152010	GEAR OIL EP-95, QUART CAN	QT	\$ 36.00	RPM203	RPM KIT G7 H2SO4	EA	\$ 3,912.00
4070324030	SD GEAR OIL	QT	\$ 85.50	RPM210	RPM KIT D8/SD8 POLYMER	EA	\$ 907.50
4080068135	O-RING 2-123 VITON A	EA	\$ 22.50	RPM211	RPM KIT D7/SD7 POLYMER	EA	\$ 1,195.50
4080095371	O-RING PARKER 2-246 BUNA N	EA	\$ 22.50	RPM212	RPM KIT D4/SD4 SLURRY	EA	\$ 1,630.50
4090116040	BEARING CONE - TIMKEN LM11949	EA	\$ 55.50	RPM219	RPM KIT G6 SG6 316SS SLURRY	EA	\$ 1,417.50
4090116050	BEARING CUP - TIMKEN LM11910	EA	\$ 30.00	RPM220	RPM KIT G7 SG7 316SS SLURRY	EA	\$ 1,564.50
4099994000	BEARING SINGLE ROW SKF# 6303 - N/A	EA	\$ 270.00	RPM221	RPM KIT G7 SG7 POLYMER CHKVLVS	EA	\$ 2,955.00
4320236038	UNION NUT 1/2" PVC	EA	\$ 39.00	S60654	CONNECTING ROD GB	EA	\$ 565.50
4320236058	UNION NUT 1"PVC	EA	\$ 49.50				
4320350008	UNION END METRIC SOC 25X32PVC	EA	\$ 34.50				
4320350028	UNION END METRIC SOC 15X20PVC	EA	\$ 22.50				
4340009002	SPRING LOCKWASHER 8MM SS	EA	\$ 15.00				
4340009095	SPRING LOCKWASHER 12MM 18-8SS	EA	\$ 15.00				
4340055073	FLAT WASHER M12 REG 304SS	EA	\$ 15.00				
4350000042	HEX NUT M8 CLASS 8 STAINLESS S	EA	\$ 15.00				
4350001622	HEX HD SCR M8X 16MM LG Z PL	EA	\$ 15.00				
4350001655	HEX HD SCR M8-1.25X110 304SS	EA	\$ 18.00				
4350001732	HEX HD SCR M10 X 25MM STL	EA	\$ 15.00				
4350003473	SOC HD SCR M8 X 25MM ZINC PLT	EA	\$ 15.00				

SECTION III
CONTROLLERS
&
ACCESSORIES

Controllers



CONTROLLERS

Conductivity

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Conductivity

Liquitron™ DC4000 Series					Price
DC4000	Microprocessor-Based, Cooling Tower/boiler conductivity controller with four [4] programmable inhibitor feed options, 4-20 mA (non-isolated) recorder output. 0 - 20,000 µS /cm control range.				\$ 1,124
	Voltage	Voltage	Frequency	Plug	
	01	115VAC	50-60 HZ	No power cord, PG-9 connectors	\$ -
	02	230VAC	50-60 HZ	No power cord, PG-9 connectors	\$ -
	03	115VAC	50-60 HZ	No power cord, 1/2" NPT Plugs	\$ -
	04	230VAC	50-60 HZ	No power cord, 1/2" NPT plugs	\$ -
	1	115 VAC*	50-60 HZ	USA Plug	\$ -
	2	230 VAC*	50-60 HZ	USA Plug	\$ -
	3	220-240 VAC*	50-60 HZ	DIN Plug	\$ -
	5	240-250 VAC*	50-60 HZ	UK Plug	\$ -
	6	240-250 VAC*	50-60 HZ	AUST/NZ Plug	\$ -
	Probe and Manifold				
	0	No Probe/Manifold			\$ -
	1	Cooling Tower Carbon Probe and 3/4" Fslip Sch 80 PVC Tee with 10 ft (3m) Cable Assembly (Manifold # 34758)			\$ 357
	2	Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 34752)			\$ 635
	3	Boiler Probe Assembly with 1" Cross and 1/2" Conduit Tee (Manifold # 34761)			\$ 512
DC4000 -	01 -	0			

NOTES:

*+ All options listed with a part number above are available for purchase separately. The price listed with the accessory is the price if purchased separately.

* 115VAC Units are provided with one 6 ft. (2m) grounded power cord and plug, and two [2] 1 ft. (30 cm) output power cords with grounded receptacles for controlled devices.

230VAC Units are provided with 6 ft. (2m) grounded power cords and plug, and throughput connectors for hardwire connection of controlled devices.

A CE approved controller must be requested by adding the prefix "CE". Example: CE-DC4000-X.

For support:



Conductivity

Liquitron™ DC4500 Series										Price	
DC4500		Microprocessor-Based, Cooling Tower conductivity controller with dual biocide, adjustable lockout timer, prebleed, four [4] programmable inhibitor feed options, and 4-20 mA (non-isolated) recorder output. 0 - 20,000 µS /cm control range.								\$	1,504
			Power Supply		Voltage						
	1		115 VAC					\$	-		
	2		220 - 250 VAC					\$	-		
			Voltage		Description		Frequency	Plug			
	0		PG-9 Connectors		50-60 HZ	No Power Cord	\$	-			
	1		115 VAC*		50-60 HZ	USA Plug	\$	-			
	2		230 VAC*		50-60 HZ	USA Plug	\$	-			
	3		220-240 VAC*		50-60 HZ	DIN Plug	\$	-			
	5		240-250 VAC*		50-60 HZ	UK Plug	\$	-			
	6		240-250 VAC*		50-60 HZ	AUST/NZ Plug	\$	-			
			Pump Control Wiring								
	0		No Pump Output Power Cables (Pump Hardwired)						\$	-	
	1		Three (3) Pump Output Power Cables (115VAC recepticles)						\$	-	
	2		Three (3) Pump Signal Cables (Four [4] Conductor with 4-pin Connector for B7, C7, B9, C9 series)						\$	-	
	3		Three (3) Pump Signal Cables (Five [5] Conductor with 5-pin Connector for AD8, AD9, PD7 series)						\$	-	
			Probe and Manifold								
	0		No Probe/Manifold						\$	-	
	1		Cooling Tower Carbon Probe and 3/4" Fslip Sch 80 PVC Tee with 10 ft (3m) Cable Assembly (Manifold # 34758)						\$	357	
	2		Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 34752)						\$	635	
	3		Cooling Tower Carbon Probe and Manifold Assembly with Flow Switch, Sample Valve and 10ft (3m) Cable Assembly (Manifold # 35657) – Includes ¾" FNPT Connections						\$	637	
DC4500 -	1	0	0	A -	0						

NOTES:

*+ All options listed with a part number above are available for purchase separately. The price listed with the accessory is the price if purchased separately.

* 115VAC Units are provided with one 6 ft. (2m) grounded power cord and plug, and four [4] 1 ft. (30 cm) output power cords with grounded receptacles for controlled devices.

230VAC Units are provided with 6 ft. (2m) grounded power cords and plug, and throughput connectors for hardwire connection of controlled devices.

For support:



CONTROLLERS Conductivity

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Conductivity Controller - Accessories			
DC4500 Part No.	DC4000 Part No.	Description	Price
35659	35659	Carbon Probe & 3/4" NPT Sch 80 PVC Tee	\$ 349
34758	34758	Carbon Probe & 3/4" Fslip Sch 80 PVC Tee	\$ 357
35657	35657	Carbon Probe & Manifold Assembly, NPT	\$ 637
34752	34752	Carbon Probe & Manifold Assembly	\$ 635
34659	34659	Carbon Probe & Cable	\$ 311
32623	32623	Carbon Probe with Tee & 4-Pin Connector	\$ 440
34565	34565	Flow Switch Assembly with 3/4" Fslip Sch 80 PVC Tee	\$ 245
48088	48088	Flow Switch Assembly with 3/4" Fslip Sch 80 PVC Tee w/ Union	\$ 263
36130	36130	Flow Switch Assembly with 3/4" NPT Sch 80 PVC Tee	\$ 245
36131	36131	Flow Switch Assembly, Threaded	\$ 245
37505	37505	Float Assembly (Techtron)	\$ 64
37586	37586	Tee, Flow Switch Assembly NPT	\$ 72
35674	35674	Tee, Flow Switch Assembly	\$ 25
34572	34572	Flow Switch & 3/4" Fslip	\$ 380
34746	34746	Sample Valve with 3/4" Fslip Sch 80 PVC Tee (Horizontal Mounting)	\$ 72
34747	34747	Sample Valve with 3/4" Fslip Sch 80 PVC Tee (Vertical Mounting)	\$ 200
34749	34749	Union Kit, PVC (Union & 2 Sleeves)	\$ 37
37535-20	37535-20	20 FT Extension Cable Assembly, Carbon Probe	\$ 123
37535-50	37535-50	50 FT Extension Cable Assembly, Carbon Probe	\$ 202
37535-100	37535-100	100 FT Extension Cable Assembly, Carbon Probe	\$ 323
-	34761	Boiler Probe Assembly with 1" Cross & 1/2" Conduit	\$ 512

Replacement Parts for Controller Accessories			
DC4500 Part No.	DC4000 Part No.	Description	Price
32829	32829	Clamp, Pipe	\$ 15
32838	32838	Pin, Retaining for Tee	\$ 17
34541	34541	Standoff, Pipe	\$ 11
32383	32383	Tee for 32776 Carbon Probe	\$ 84
35660	35660	Tee Assembly, 3/4" NPT PVC (for carbon probe)	\$ 105
34668	34668	Tee Assembly, 3/4" Fslip PVC (for carbon probe)	\$ 98
-	34759	Boiler Probe	\$ 354
-	34760	Cross, 1"	\$ 114
-	34796	Conduit Box Assembly	\$ 72
-	35058	Nipple, 1/2" Conduit	\$ 10
-	35059	Fitting, 1/2" Conduit	\$ 29
37435	37435	O-Ring, Union	\$ 33
35666	35666	Sample Valve Tee Assembly, 3/4" NPT Vertical	\$ 76

CONTROLLERS Conductivity

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DC4000 - Boiler Accessories		
DC4000 Part Number	Description	Price
35201	Flow Control Valve 1/2" - 800 psi	\$ 1,400
35202	Flow Control Valve 3/4" - 800 psi	\$ 1,674
35206	Orifice Union	Obsolete
35207	Orifice Union w/Plates (no holes)	\$ 311
35208	Orifice Union w/Plates (pre-drilled)	\$ 360
35210	Orifice Plates (no holes)	Obsolete
35211	Orifice Plates (pre-drilled)	\$ 158
35213	Worcester 10-36 Actuator	Obsolete
35216	Worcester 10-36 Actuator with 1/2" valve	Obsolete
35217	Worcester 10-36 Actuator with 3/4" valve	Obsolete
35218	Worcester 10-75 Actuator with 1/2" valve	Obsolete
35219	Worcester 10-75 Actuator with 3/4" valve	Obsolete

Conductivity Controller - Spare Parts				
DC5500 Part No.	DC4500 Part No.	DC4000 Part No.	Description	Price
25930	25930	25930	Cap, 4-Pin Jack, Yellow	\$ 7
25957-1	25957-1	25957-1	Cord Clamp	\$ 14
25990	25990	25990	Connector Assembly	\$ 17
36810	36810	36810	Dowel	\$ 6
30588	30588	30588	Label, Outside Junction Panel (LMI)	\$ 9
30749	30749	30749	Power Cord, 115V - '1' Cord	\$ 65
30752	30752	30752	Power Cord, 230V - '3' Cord, DIN	\$ 43
30754	30754	30754	Power Cord, 230V - '6' Cord, AUST	\$ 43
31571	31571	31571	Clamp, Cord (PG-9)	\$ 12
31617	31617	31617	Cover	\$ 44
32094	32094	32094	Label, Housing Cover (water drop)	\$ 15
32186	32186	32186	Screw, 4-40 x .37	\$ 6
32187	32187	32187	Nut, 4-40 Flush	\$ 6
32209	32209	32209	Latch	\$ 16
32211	32211	32211	Cap, .125 x .38	\$ 7
32352	32352	32352	O-Ring, Sponge	\$ 9
32395	32395	32395	Screw	\$ 7
33566	33566	33566	Solder Lug Terminal	\$ 8
34074	34074	34074	Gasket, Foam	\$ 8
34088	34088	34088	Cover Utility Box	\$ 29
-	-	36525	Front Panel Assembly	\$ 903
34716	34716	34716	Standoff	\$ 11
34735	34735	34735	Ground Wire Assembly	\$ 10
-	-	34710	I/O Board Assembly	\$ 527
-	-	34675	Housing, U.S.A.	\$ 130
-	-	34931	Label, External Plugs	\$ 15
35712	35712	35712	Fuse, 4A, Time Delay	\$ 11

pH / ORP

Liquitron™ DP5000 & DR5000 Series					Price	
DP5000	Microprocessor-Based, pH controller, wall mount, on/off or proportional pump control, limit timers, hi/low alarm, low level and flow switch inputs, custom backlit LCD display.				\$ 2,313	
DR5000	Microprocessor-based ORP controller, wall mount, on/off or proportional pump control, limit timers, hi/low alarm, low level and flow switch inputs, custom backlit LCD display.				\$ 2,313	
	Voltage		Frequency	Plug		
	1	115 VAC*	50/60 Hz	USA Plug	\$ -	
	2	230 VAC*	50/60 Hz	USA Plug	\$ -	
	3	220-240 VAC*	50/60 Hz	DIN Plug	\$ -	
	5	240-250 VAC*	50/60 Hz	UK Plug	\$ -	
	6	240-250 VAC*	50/60 Hz	AUST/NZ Plug	\$ -	
		Pump Control				
		A	On/Off Output			\$ -
		B	Proportional Output (for B7, C7, B9 and C9 series)			\$ -
		C	Proportional Output (for AD8, AD9, PD7 series)			\$ -
			Recorder Output			
			0	No Probe/Manifold		\$ -
			1	4-20 mA Recorder Output (isolated) (replacement part 37830 - see note below)		\$ 494
DP5000 -	1	A -	0			

To complete your DP5000 or DR5000 installation, select either:

1. Submersible probe and cable assembly, or
2. In-line probe, cable assembly, and tee assembly.

See the following page for more details

NOTES:

*+ All options listed with a part number above are available for purchase separately. The price listed with the accessory is the price if purchased separately.

* 115VAC & 220 VAC Proportional Units are provided with one [1] 6 ft. (2m) grounded power cord and plug, and two [2] 10 ft. (3 cm) output cables for direct connections to LMI Series "7" and "9" pumps.

115VAC On/Off Units are provided with one 6 ft. (2m) grounded power cord and plug, and two [2] 1 ft (30cm) output power cords with grounded receptacles for pumps.

230VAC Units are provided with 6 ft. (2m) grounded power cords and plug, and throughput connectors for hardwire connection of controlled devices.

For DR Controller support:



For DP Controller support:



To complete your DP5000 or DR5000 installation, select either

- 1) submersible probe and cable assembly or
- 2) in-line probe, cable assembly and tee assembly.

CONTROLLERS pH and ORP

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pH / ORP Controller - Accessories			
DP5000 Part No.	DR5000 Part No.	Description	Price
32820	-	Flat Surface Combination [pH] Electrode, In-Line PVC Body	\$ 546
-	33369	Flat Surface Combination [ORP] Electrode, In-Line PVC Body	\$ 657
32821	-	Flat Surface Combination [pH] Electrode, Submersible PVC Body	\$ 546
-	33368	Flat Surface Combination [ORP] Electrode, Submersible PVC Body	\$ 501
32822	-	Cable Assembly with Temperature Compensation for In-Line Mounting (compatible with Electrode p/n 32819)	\$ 2,291
32823	-	Cable Assembly with Temperature Compensation for Submersible Mounting	\$ 627
32824	-	Cable Assembly with Temperature Compensation for In-Line Mounting (compatible with Electrode p/n 32820)	\$ 828
33370	33370	Cable Assembly, Non-Temperature Compensated, install kit with a 3/4" NPT PVC "T" for In-Line Mounting (Compatible with Electrodes 32819 [pH])	\$ 336
33371	33371	Cable Assembly, Non-Temperature Compensated, install kit with a 3/4" NPT CPVC "T" for In-Line Mounting (Compatible with Electrodes 32820 [pH] or 33369 [ORP])	\$ 494
33372	33372	Cable Assembly, Non-Temperature Compensated, for Submersible Mounting (Compatible with Electrodes 32819 & 32821 [pH])	\$ 266
34495	-	Cable Assembly with Temperature Compensation for In-Line Mounting (Compatible with Electrode 32819 & 32820 [pH only])	\$ 782
34624	34624	Tee Assembly, without TC (F Slip) (Compatible with 32820 electrode [pH] or 33369 electrode [ORP])	\$ 100
34625	-	Tee Assembly, with TC (Compatible with 32820 electrode [pH only])	Obsolete
34665	34665	Tee Assembly, without TC (Compatible with 32819 electrode [pH])	\$ 194
34666	-	Tee Assembly, with TC (Compatible with 32819 electrode [pH only]) - Included in 32824	Obsolete
35662	-	Tee Assembly, pH with TC, 3/4" NPT	Obsolete
33217	33217	Pre-Amp, pH / ORP	\$ 521
33286-25	33286-25	25' Cable Assembly (only), for Pre-Amp to Controller	\$ 191
33286-50	33286-50	50' Cable Assembly (only), for Pre-Amp to Controller	\$ 258
33286-100	33286-100	100' Cable Assembly (only), for Pre-Amp to Controller	\$ 416
37830	37830	4-20 mA Circuit Board Assembly	\$ 488
34565	34565	Flow Switch Assembly with 3/4" Fslip Sch 80 TVC Tee	\$ 245
36130	36130	Flow Switch Assembly with 3/4" NPT Sch 80 PVC Tee	\$ 245
34561	34561	Switch Assembly	\$ 155
37505	37505	Float Assembly (Techtron)	\$ 64
37586	37586	Tee, Flow Switch Assembly NPT	\$ 72
34746	34746	Sample Valve with 3/4" Fslip Sch 80 TVC Tee (Horizontal Mounting)	\$ 72
34747	34747	Sample Valve with 3/4" Fslip Sch 80 TVC Tee (Vertical Mounting)	\$ 200
34749	34749	Union Kit, PVC (Union & Two [2] Sleeves)	\$ 37
34751	34751	pH/ORP Manifold Assembly (Compatible with 32820 electrode [pH] or 33369 [ORP])	Obsolete

CONTROLLERS
pH and ORP

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pH / ORP Controller - Spare Parts			
DP5000 Part No.	DR5000 Part No.	Description	Price
25957-1	25957-1	Cord Clamp	\$ 14.00
28898	28898	Dowel	\$ 7.00
30588	30588	Label	\$ 9.00
30749	30749	Power Cord, 115V - '1' Cord	\$ 65.00
30752	30752	Power Cord, 230V - '3' Cord	\$ 43.00
30754	30754	Power Cord, 230V - '6' Cord	\$ 43.00
31571	31571	Clamp, Cord (PG-9)	\$ 12.00
31576	31576	Standoff	\$ 7.00
32094	32094	Label	\$ 15.00
32186	32186	Screw, 4-40 x .37	\$ 6.00
32187	32187	Nut, 4-40 Flush	\$ 6.00
32209	32209	Latch	\$ 16.00
32211	32211	Cap, .125 x .38	\$ 7.00
32352	32352	O-Ring, Sponge	\$ 9.00
32395	32395	Screw	\$ 7.00
33636	33636	4-Pin Cable Assembly	\$ 51.00
34074	34074	Gasket, Foam	\$ 8.00
34092	-	Switch, Membrane	\$ 140.00
-	34642	Switch, Membrane	\$ 394.00
37524	-	Front Panel Assembly	\$ 1,289.00
-	37526	Front Panel Assembly	\$ 1,631.00
34200	34200	PCB Assembly	\$ 1,289.00
34270	34270	I/O Board Assembly	\$ 609.00
34329	34329	BNC Cable Assembly	\$ 105.00
34330	34330	Ribbon Cable Assembly	\$ 54.00
34691	34691	Housing	\$ 131.00
34716	34716	Standoff	\$ 11.00
34930	34930	Label, Terminal Cover	\$ 16.00
37435	37435	O-Ring, Union	\$ 33.00

Flow Switch and Time Switch

Flow Switch & Time Switch

Liquitron™ FS5000 Series Flow Switch		Price
FS5000	Flow Switch Controller for use in applications that require flow/no flow control of metering pumps or other devices. Includes flow switch with 3/4" FSLIP fittings, three (3) 115 VAC receptacles on with flow, one (1) 115 VAC service receptacle, and 0.75 GPM flow activation. Power indicator light, flow indicator light and test switch included.	\$ 811

Liquitron™ FS5000 Series Flow Switch		Price
33424	This compact digital time switch is capable of operating two pumps or one pump and one valve for simultaneous operation of feed and bleed. It provides precise timing with the flexibility of daily and/or weekly programming. Simple and fast setting by means of push buttons and display prompts.	\$ 964

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