

Configuration Data and Materials of Construction

Drive Assembly	Liquid End No.	Size Code	Materials of Construction				Accessory	Tubing & Connections		
			Head & Fittings	Balls	Liquifram™	Seal Ring		Discharge/Suction		
E70 ■ -	297	0.9	316 S.S.	316 S.S.	Fluorofilm™	316 S.S.		Pipe 1/4" NPT M		
	94	0.9	PVC	Ceramic	Fluorofilm™	PTFE		Pipe 1/4" NPT M		
	94S	0.9	PVC	Ceramic	Fluorofilm™	PTFE	4FV	Pipe 1/4" NPT M		
E71 ■ -	361TI	1.8	PGC™/ PGC™	Ceramic	Fluorofilm™	PGC™/ Polyprel®	3FV	PE .375" O.D.		
	361SI	1.8	PGC™/ PGC™	Ceramic	Fluorofilm™	PGC™/ Polyprel®	4FV	PE .375" O.D.		
	362TI	1.8	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / Polyprel®	3FV	PE .375" O.D.		
	362SI	1.8	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / Polyprel®	4FV	PE .375" O.D.		
	E72 ■ -	363TI	1.8	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / PTFE	3FV	PE .375" O.D.	
		363SI	1.8	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / PTFE	4FV	PE .375" O.D.	
		360TI	1.8	Acrylic / PGC™	Ceramic	Fluorofilm™	PGC™/ Polyprel®	3FV	PE .375" O.D.	
		360SI	1.8	Acrylic / PGC™	Ceramic	Fluorofilm™	PGC™/ Polyprel®	4FV	PE .375" O.D.	
		277	1.8	316 S.S.	316 S.S.	Fluorofilm™	316 S.S.		Pipe 1/4" NPT M	
		71FS	1.8	Acrylic / PVDF	PTFE	Hypalon®	Hypalon®	4FV	PE .5" O.D. Vinyl .5" O.D.	
		72S	1.8	PVC	Ceramic	Fluorofilm™	PTFE	4FV	PE .5" O.D.	
		72T	1.8	PVC	Ceramic	Fluorofilm™	PTFE		PE .5" O.D.	
		74	1.8	PVC	Ceramic	Fluorofilm™	PTFE		Pipe 1/4" NPT M	
		74S	1.8	PVC	Ceramic	Fluorofilm™	PTFE	4FV	Pipe 1/4" NPT M	
		75HV	1.8	Polypropylene	316 S.S.	Fluorofilm™	PTFE		PE .5" O.D. Vinyl .938" O.D.	
		75S	1.8	Polypropylene	Ceramic	Fluorofilm™	PTFE	4FV	PE .5" O.D.	
		75T	1.8	Polypropylene	Ceramic	Fluorofilm™	PTFE		PE .5" O.D.	
	76HV	1.8	Acrylic / PP	316 S.S.	Fluorofilm™	Hypalon®		PE .5" O.D. Vinyl .938" O.D.		
	79	1.8	UHMW PE	Ceramic	Hypalon®	Hypalon®		PE .5" O.D. Vinyl .5" O.D.		
E73 ■ -	311TI	3.0	PGC™/ PGC™	Ceramic	Fluorofilm™	PGC™ / Polyprel®	3FV	PE .375" O.D.		
	311SI	3.0	PGC™/ PGC™	Ceramic	Fluorofilm™	PGC™ / Polyprel®	4FV	PE .375" O.D.		
	312TI	3.0	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / Polyprel®	3FV	PE .375" O.D.		
	312SI	3.0	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / Polyprel®	4FV	PE .375" O.D.		
	313TI	3.0	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / PTFE	3FV	PE .375" O.D.		
	313SI	3.0	PVDF / PVDF	Ceramic	Fluorofilm™	PVDF / PTFE	4FV	PE .375" O.D.		
	310TI	3.0	Acrylic / PGC™	Ceramic	Fluorofilm™	PGC™/ Polyprel®	3FV	PE .375" O.D.		
	310SI	3.0	Acrylic / PGC™	Ceramic	Fluorofilm™	PGC™/ Polyprel®	4FV	PE .375" O.D.		
	20HV	3.0	Acrylic / PP	316 S.S.	Fluorofilm™	Hypalon®		PE .5" O.D. Vinyl .938" O.D.		
	20	3.0	Acrylic / PVC	Ceramic	Fluorofilm™	Hypalon®		PE .5" O.D. Vinyl .5" O.D.		
	20S	3.0	Acrylic / PVC	Ceramic	Fluorofilm™	Hypalon®	4FV	PE .5" O.D. Vinyl .5" O.D.		
	24	3.0	PVC	Ceramic	Fluorofilm™	PTFE		Pipe 1/2" NPT M		
	25HV	3.0	Polypropylene	316 S.S.	Fluorofilm™	PTFE		PE .5" O.D. Vinyl .938" O.D.		
	25P	3.0	Polypropylene	Ceramic	Fluorofilm™	PTFE		Pipe 1/2" NPT M		
	25T	3.0	Polypropylene	Ceramic	Fluorofilm™	PTFE		PE .5" O.D.		
	26	3.0	PVC	Ceramic	Fluorofilm™	Viton®		PE .5" O.D.		
	26S	3.0	PVC	Ceramic	Fluorofilm™	Viton®	4FV	PE .5" O.D.		
	27	3.0	316 S.S.	316 S.S.	Fluorofilm™	PTFE		Pipe 1/2" NPT M		
	29	3.0	UHMW PE	Ceramic	Fluorofilm™	Hypalon®		PE .5" O.D.		
E74 ■ -	30	6.0	Acrylic / PVC	Ceramic	Fluorofilm™	PTFE		PE .5" O.D. Vinyl .5" O.D.		
	34	6.0	PVC	Ceramic	Fluorofilm™	PTFE		Pipe 1/2" NPT M		
	35P	6.0	Polypropylene	Ceramic	Fluorofilm™	PTFE		Pipe 1/2" NPT M		
	35T	6.0	Polypropylene	Ceramic	Fluorofilm™	PTFE		PE .5" O.D.		
	36	6.0	PVC	Ceramic	Fluorofilm™	PTFE		PE .5" O.D.		
	37	6.0	316 S.S.	316 S.S.	Fluorofilm™	PTFE		Pipe 1/2" NPT M		

■ See front page for voltage code specifications.

3FV indicates that the pump is equipped with an LMI Three Function Valve (pressure relief, priming aid, line drain).

4FV indicates that the pump is equipped with an LMI Four Function Valve. This diaphragm type anti-syphon/pressure relief valve is installed on the pump head. It provides anti-syphon protection and aids in priming, even under pressure.

Fluorofilm™ is a copolymer of PTFE and PFA. Polyprel® is an elastomeric PTFE copolymer.

Polyprel is a registered trademark of Liquid Metronics, Incorporated. Fluorofilm, Liquifram, PGC are trademarks of Liquid Metronics, Incorporated. Hypalon, Viton are registered trademarks of E. I. du Pont de Nemours & Co., Inc.

Output Information

Series	Gallons per Hour		Liters per Hour		mL/cc per Minute		mL/cc per Stroke		Maximum Injection Pressure	
	Min	Max	Min	Max	Min	Max	Min	Max		
E70*	0.007	1.3	0.025	4.9	0.41	82	0.08	0.82	300 psi	(20.7 Bar)
E71*	0.013	2.5	0.048	9.5	0.79	158	0.16	1.58	150 psi	(10.3 Bar)
E72*	0.020	4.0	0.076	15.1	1.26	252	0.25	2.52	100 psi	(6.9 Bar)
E73*	0.040	8.0	0.151	30.0	2.52	505	0.50	5.05	60 psi	(4.1 Bar)
E74*	0.100	20.0	0.380	76.0	6.33	1267	1.27	12.67	25 psi	(1.7 Bar)

* Minimum output can be reduced to zero (0) when in external mode.