

Model GE-580

Description Electric pump for use with 1 1/4" to 2" hose.

- Features**
- Capable of pumping up to 10 GPM
 - Durable—Tough Delrin® plastic body
 - Various end connections available
 - Uses 115 VAC/VDC motor

Performance

Flow Rate	per Stroke	per Minute (@ 60 cycles/min)
	0.67 Qt 0.63 L	10 Gals 37.9 L
Max Pressure	20 psi	1.4 kg/cm ²
Max Head *	3.5 ft	1.07 m
Max Lift *	3.5 ft	1.07 m

* with 100 in-lbs torque motor




Available Motors

Name-Plate RPM	No-Load RPM	Full Load Torque (In-Lbs.)	Over-hung Load (Lbs.)	Gear Ratio	Input HP	Full Load Amps
4.5	—	250	100	1714:1	1/15	1.4
9.0	—	162	100	747:1	1/15	1.4
16.0	—	110	100	391:1	1/15	1.4
27.0 S	—	100	100	229:1	1/15	1.4
62.0	—	45	100	100:1	1/15	1.4
100.0	—	27	100	52:1	1/15	1.4

Available Materials

Pump Body	Delrin (Gray)
Diaphragm	Buna Nitrile (Buna N), Buna N Double Sided, Buna-N 3-Ply, Neoprene, Viton, EPDM, Silicone
Valves	Buna N

Inlet & Outlet Ends & Sizes

				
in	mm	Hose (Smooth)	N.P.T. Female (Tapped Inside)	N.P.T. Male (Threaded Outside)
1 1/4	31.8		•	
1 1/2	38.1	S		•
2	50.8	•		

(**S**: standard •: optional)

Dimensions

	Length		Width	Height
	Body	w/motor	w/mounting plate	w/ motor
in	10 7/8	11 3/4	9 1/2	7 3/4
cm	27.62	29.85	24.13	19.69
Mounting Holes			4	
Mounting Hole Diam			1/4 in 0.64 cm	
Bolt Circle Diameter			6 1/8 in 15.56 cm	
Hole-to-Hole Distance			4 5/16 in 10.95 cm	
				Weight
				8.75 lb 3.96 kg

Other Options

Item	Standard	Optional
Valves	 Flapper	 Duckbill
Motor	Variable speed control; 20-100% of motor speed	

Consult factory for other options.