

Model

GE-480

Description

Electric pump for use with 1/2" to 1 1/4" hose. Available with pump body featuring opposite or same-side inlet/outlet ports

Features

- Pumps 6.7 GPM @ 60 strokes/min
- Durable—Tough Delrin[®] plastic body
- Various end connections available
- Uses 115 VAC/VDC motor

Available Materials

Pump Body	Delrin (Aluminum Mounting Plate) (Gray)
Diaphragm	Buna Nitrile (Buna N), Buna N Double Sided, Buna-N 3-Ply, Neoprene, Viton, EPDM, Silicone
Valves	Buna N, Neoprene, Viton, EPDM, Silicone (<i>Silicone only available with umbrella valve</i>)

Performance

Flow Rate	per Stroke	per Minute (@ 60 cycles/min)
	0.44 Qt 0.42 L	6.7 Gals 25.2 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

Dimensions




	Length		Width	Height
	Body	w/motor	w/mounting plate	w/motor
in	10 1/4	11 7/8	9 1/2	7 3/4
cm	26.04	30.16	24.13	19.69
Mounting Holes			4	Weight
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	
			8.65 lb	3.92 kg

Inlet & Outlet Ends & Sizes

						
in	cm	Hose (Smooth)	N.P.T. Female (Tapped Inside)	N.P.T. Male (Threaded Outside)	Male (Threaded Outside) Garden Hose	Barbed
1/2	1.27		•			
3/4	1.91	•	•	•	•	•
1	2.54	S		•		
1 1/8	2.86	•				•
1 1/4	3.18	•				

(**S**: standard •: optional)

Other Options

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

Consult factory for other options.