

Guzzler® 24 VDC Electric Pump GE-0504D



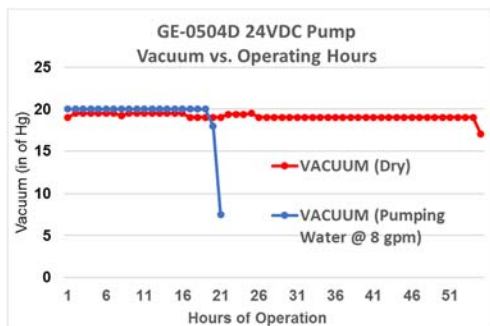
- 8.3 GPM
- Features compact, efficient, quiet-running 24 V Brushless DC 60-rpm motor
- Accommodates 1-1/4" – 2" hose
- Large flange sizes suitable for sanitation applications

Performance

Flow Rate	per stroke: 0.55 Qt (0.52L) per min: 8.3 gpm
Max Lift	20 ft (6.1 m) ^{1,2}
Max Head	25 ft (7.6 m) ¹
Max Pressure	131psi (0.7 bar) ¹
Max Service Temp	212°F (100°C)

¹ depending on choice of motor

² with a check valve



Operating results when pump is powered by two (2) 12 VDC 60 amp-hour batteries.

Specifications / Options

Body & Ports *	Acetal (POM) Copolymer / Gray
Clamp Ring	Aluminum Motor Mounting Plate
Valves *	Flapper, Duckbill, Umbrella
Diaphragm *	Buna-N, Buna-N Double Sided, Neoprene, Viton, EPDM, Silicone
Clevis/Button Assembly *	SS Washer + Aluminum Clevis
Motor	24 VDC, 1/8 HP

* in contact with fluid

Available Ports

	in	1-1/4	1-1/2	2
	cm	3.18	3.81	5.08
Hose (Smooth)			S	•
NPT Female (Tapped)		•		
NPT Male (Threaded)			•	

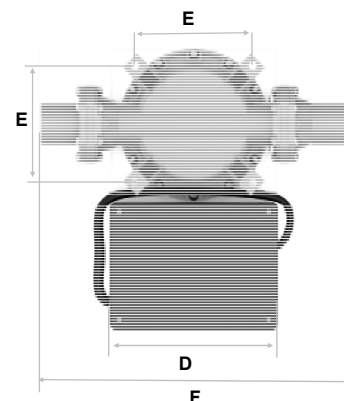
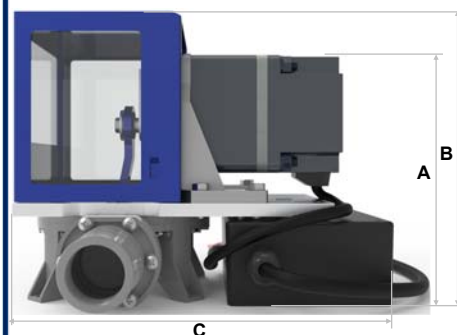
S Standard • Optional

Valve Options

Flapper**	General purpose liquid transfer		For vertical pump mounts, inlet must be below outlet
Duckbill**	For dirty liquid and sewage	Good vacuum service	Mount pump in any position
Umbrella	Clear liquids	Best vacuum service	Mount pump in any position

Motor Specifications

Motor Type	24VDC, Brushless DC Motor
Power	100 W (1/8 HP)
Protection	[Motor] IP65 (excluding connectors) [Driver] IP00
Speed	60 rpm
Torque	152 in-lbs
Ambient Temperature Range	0°C ~ +50°C (+32°F ~ +122°F) (non-freezing)
Max Load Amps	6.0
Weight	~7 lbs
Certifications	UL, CSA, CE



	in	cm
A	7-1/4	18.4
B	8-31/4	21.0
C	10-1/2	26.7
D	6	15.2
E	4-5/16	11.0
F	10-7/8	27.6
Mounting Holes	1/4	0.64
Bolt Circle Diam.	6-1/8	15.6
Weight	15.0 lb	6.8 kg

Guzzler® 24 VDC Electric Pump

GE-0504D

Product Model Number Nomenclature Guide

Example: GE-0504D-011-18-8080-TK

- Guzzler Electric Pump
- Model style #0504D: Acetal Body, Opposite Side Ports
- No Variable Speed control option
- Buna-N Flapper Valves
- Buna Diaphragm
- Acetal Clevis
- Motor Mounting Plate Clamp Ring
- Inlet: 1-1/2" Smooth
- Outlet: 1-1/2" Smooth
- 24 VDC 60 RPM Motor



Guzzler Product	
Option	Code
Electric Pump	GE

Style (Family)	
Option	Code
Acetal, Opp. Side Ports	0504D

Speed Control	
Option	Code
None	0

Valves	
Option	Code
Flapper (Buna-N)	1
Duckbill (Buna-N)	6
Umbrella (Silicone)	7

Diaphragm	
Option	Code
Buna Nitrile	1
Buna-N 3-Ply	2
Neoprene	3
Viton	4
EPDM	5
Silicone	7

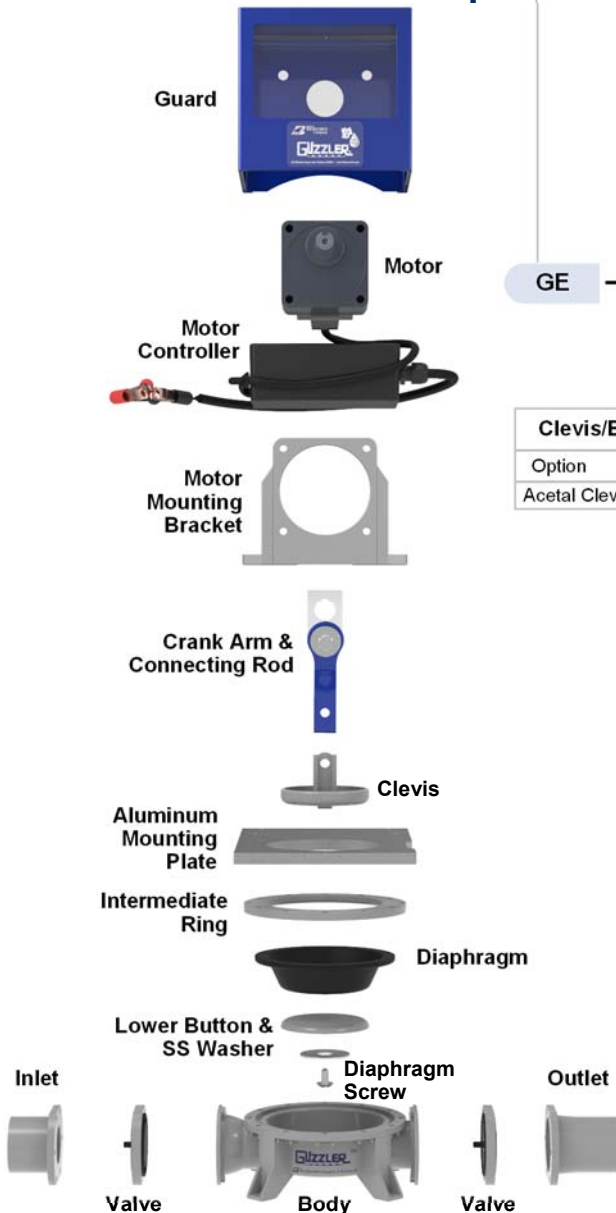
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Clevis/Button Assembly	
Option	Code
Acetal Clevis	1

Clamp Ring	
Option	Code
Motor Mounting Plate	8

Hose Connections		
Option	Code	
	Inlet	Outlet
1-1/4" NPT Tapped	71	71
1-1/2" Smooth	80	80
1-1/2" NPT Threaded	82	82
2" Smooth	90	90

24 VDC Motor	
Option (Speed / Torque)	Code
60 rpm / 152 in-lbs	TK



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