



Performance

Flow Rate	per stroke: 0.55 Qt (0.52L) per min: 8.3 gpm
Max Vacuum	28 in Hg (0.9 bar) ¹
Max Lift	20 ft (6.1 m) ¹
Max Pressure	11 psi (0.7 bar) ¹
Max Head	25 ft (7.6 m) ¹
Max Service Temp	220°F (104°C)

¹ with umbrella valve; on sap lines with minimal leaks; wetted valves

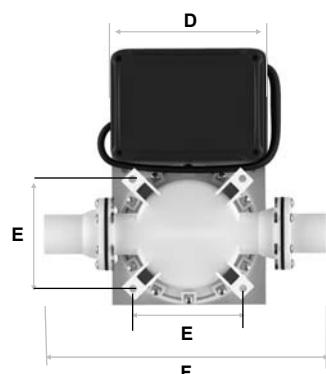
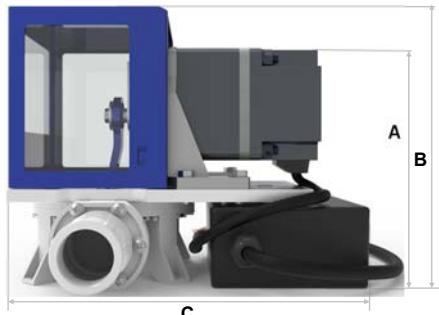
Motor Specifications

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

Recommended for maple sap vacuum production on up to 400 taps

- Factory-tested to 20 in Hg vacuum
- ◊ **Can achieve up to 28 in Hg vacuum on sugarbushes with tight sap lines and wetted pump valves**
- Use on up to 400 taps
- No releaser required
- ◊ Creates vacuum and transfers fluid
 - ◊ Liquid will not damage pump
 - ◊ Can run dry without damage
- **Wetted components made of FDA-approved materials**
- **1.0 cfm (8.3 gpm)**
- Quiet-running 24 VDC 60 rpm motor
- Water-resistant motor enclosure
- Accommodates 1-1/4" – 2" hose/tubing
- **Minimum 20 hours operation on 2 12VDC 60-amp hour batteries**

Quiet-running, efficient, brushless 24 VDC motor and driver offers high performance in a compact design

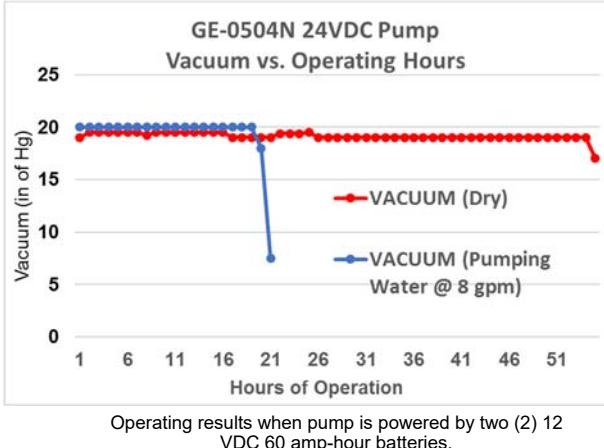


Specifications / Options

Body & Ports *	Natural (Pigment-free) Delrin / White
Clamp Ring	Aluminum Motor Mounting Plate
Valves *	Duckbill**, Umbrella
Diaphragm *	Buna-N
Available Ports*	1-1/4" F (tapped), 1-1/2" smooth, 1-1/2" M (threaded)

* in contact with fluid

** not FDA-approved material



Valve Options

	Good vacuum service. Best for transfer of fluids with some materials in suspension.
	Excellent vacuum service. Best for transfer of liquids free of any materials.

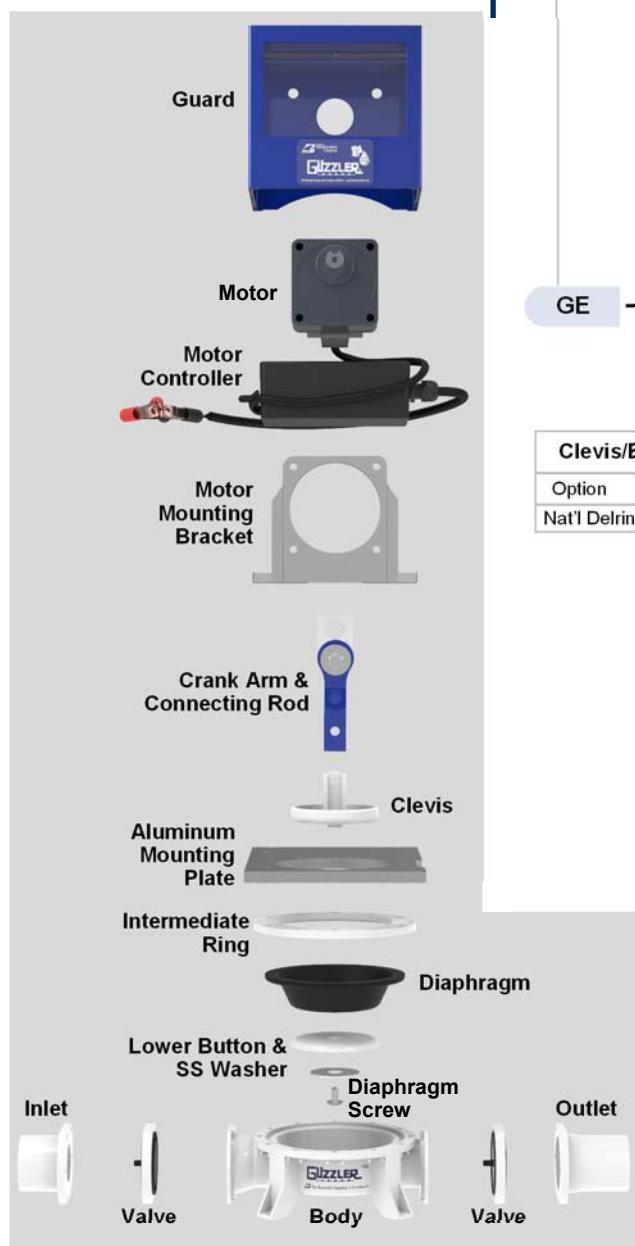
	in	cm
A	7-1/4	18.4
B	8-1/4	21.0
C	10-1/2	26.7
D	6	15.2
E	4-5/16	11.0
F	10-7/8	27.6
Mounting Holes	1/4	0.64
Bolt Circle Diam.	6-1/8	15.6
Weight	13.2 lb	6.0 kg

Guzzler® 12 VDC Electric Pump

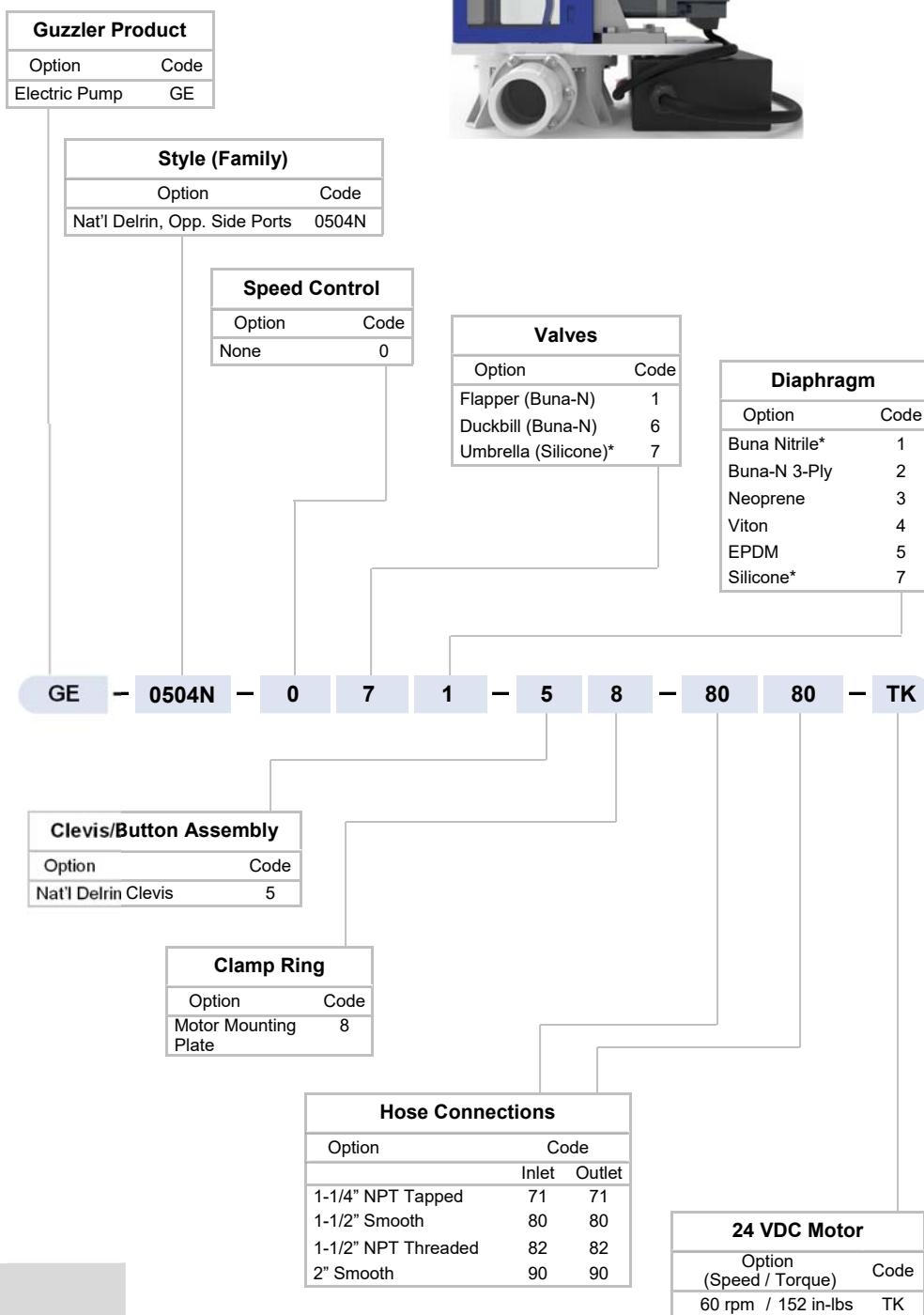
GE-0504N

Example: GE-0504N-071-58-8080-TK

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



Product Model Number Nomenclature Guide



* These elastomers are made from FDA-approved material.