

For maple sap vacuum production on up to 400 taps



Performance

Flow Rate	per stroke: 0.55 Qt (0.52L)
Max Vacuum	29 in Hg (1.0 bar) ¹
Max Lift	20 ft (6.1 m) ²
Max Pressure	10 psi (0.7 bar) ¹
Max Head	23 ft (7.0 m) ¹
Max Service Temp	220°F (104°C)

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

² with a check valve

Specifications / Options

Body & Ports ¹	Natural (Pigment-free) Delrin / White ²
Clamp Ring	Aluminum Motor Mounting Plate
Valves ¹	Umbrella ²
Diaphragm ¹	Buna-N ² , Silicone ² , Santoprene ²
Clevis/Button Assembly ¹	Natural Delrin (White) ² and Stainless Steel ²
Motor Ambient Temp	Ambient Temp: 14°F ~ 104°F (-10°C ~ 40°C)
Motor Enclosure	Enclosure provides limited protection against ingress of dust and water spray.

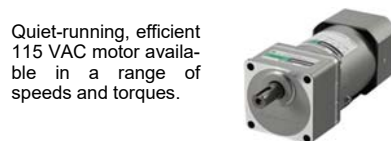
¹ in contact with fluid

² FDA-approved material

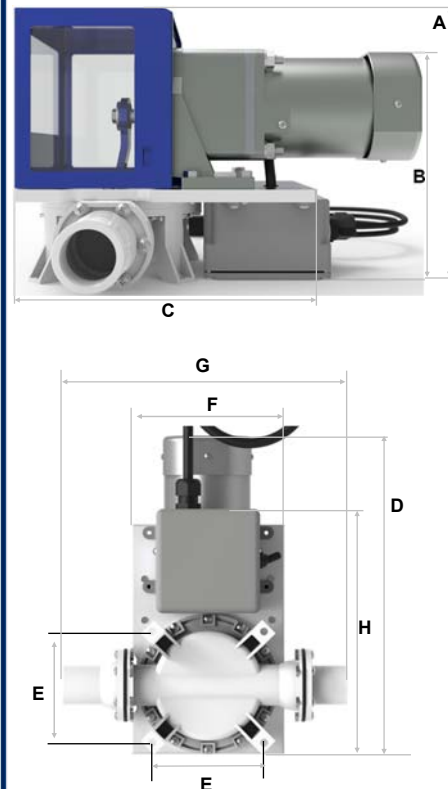
- **Up to 29 in Hg vacuum with wet pump valves**
 - ◇ Dry valves: 20 in Hg
- **Use on up to 400 taps**
- **No releaser required**
 - ◇ Creates vacuum and transfers fluid
 - ◇ Liquid will not damage pump
 - ◇ Can run dry without damage
- **Wetted components made of FDA-approved materials**
- **Quiet-running 115 VAC 72 rpm motor**
 - ◇ Features water-resistant motor enclosure
- **Connecting rod bearings require no lubrication**
- **Pump diaphragm easily accessible**
- **Wired with on/off switch and 6' power cord**
- **Accommodates 1-1/4 in—2 in hose**

Valve Options

Umbrella	Excellent vacuum service. Best for transfer of liquids free of any materials. Made of FDA-approved silicone.
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Quiet-running, efficient 115 VAC motor available in a range of speeds and torques.



	in	cm
A	8-1/4	21.0
B	7-1/4	18.4
C	9-5/8	24.4
D	12-3/4	32.4
E	4-5/16	11.0
F	6	15.2
G	10-7/8	27.6
H	9-5/8	24.4
Mounting Holes	1/4	0.64
Bolt Circle Diam.	6-1/8	15.6
Weight	16.4 lb	7.4 kg

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

115 VAC Motor

Pump Capacity ³ (cfm)	Motor Speed ³ (Name-plate RPM)	Full Load Torque (in-lbs.)	Input HP	Full Load Amps	Max Vacuum (in of Hg) ³	Max Head Pressure ⁴ (psi)	Max Head (ft)
1.05	72	111	1/8	1.6	29	10	23

³ at 0 lift, 0 head

⁴ Check valve recommended for lifts above 12 ft.

⁵ Assuming dry valves. Higher vacuum possible when valves are wet.

Guzzler® 115 VAC Electric Pump

GE-0501N

Product Model Number Nomenclature Guide

Example: GE-0501N-071-58-8080-BP

- Guzzler Electric Pump
- Model style #0501N: Natural Delrin Body, Opposite Side Ports
- Silicone Umbrella Valves
- Buna-N (FDA –approved material) Diaphragm
- Natural Delrin Clevis
- Motor Mounting Plate Clamp Ring
- Inlet: 1-1/2" Smooth
- Outlet: 1-1/2" Smooth
- 115 VAC / 72 RPM / 111 T Motor; water-resistant motor enclosure



Guzzler Product	
Option	Code
Electric Pump	GE

Style (Family)	
Option	Code
Nat'l Delrin, Opp. Side Ports	0501N

Speed Control	
Option	Code
None	0

Valves	
Option	Code
Umbrella (Silicone)*	7

Diaphragm	
Option	Code
Buna Nitrile *	1
Silicone *	7
Santoprene *	8

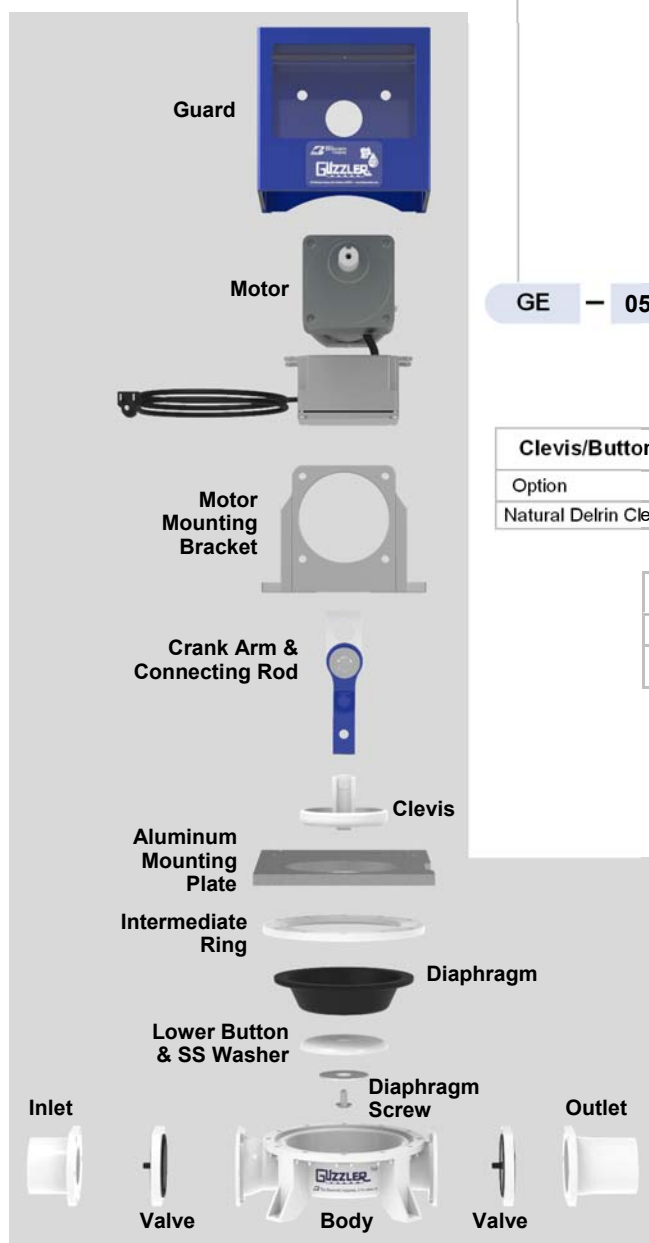
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Clevis/Button Assembly	
Option	Code
Natural Delrin Clevis	5

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

115 VAC Motors		
Speed (rpm)	Torque (in-lbs)	Code
30	118	BD
60	133	BK
72	111	BP
100	80	BT



* These elastomers are made from FDA-approved material.