



**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 with wetted pump valves**
- Use on up to 400 taps
- No releaser required

Quiet-running, efficient 115 VAC motor available in a range of speeds and torques.



### Performance

Flow Rate	per stroke: 0.55 Qt (0.52L)
Max Vacuum	28 in Hg (0.9 bar) <sup>1</sup>
Max Lift	20 ft (6.1 m) <sup>2</sup>
Max Pressure	11 psi (0.7 bar) <sup>1</sup>
Max Head	25 ft (7.6 m) <sup>1</sup>
Max Service Temp	220°F (104°C)

<sup>1</sup> with wetted umbrella valves; on sap lines with minimal leaks  
<sup>2</sup> with a check valve

### Specifications / Options

Body & Ports *	Natural (Pigment-free) Delrin / White
Clamp Ring	Aluminum Motor Mounting Plate
Valves *	Umbrella, Duckbill**
Diaphragm *	Buna-N, Silicone (both FDA-approved materials)
Clevis/Button Assembly *	Natural Delrin
Motor Ambient Temp	Ambient Temp: 14°F ~ 104°F (-10°C ~ 40°C)
Motor Enclosure	Provides limited protection against ingress of dust and water spray.

\* in contact with fluid  
 \*\* not FDA-approved material

### 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

- ◆ 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 (8.0 gpm)
- Quiet-running 115 VAC 72 rpm motor
- Water-resistant motor enclosure
- Wired with on/off switch and 6' power cord

### Valve Options

<b>Duckbill**</b>	Good vacuum service. Best for transfer of fluids with some materials in suspension.
<b>Umbrella</b>	Excellent vacuum service. Best for transfer of liquids free of any materials.

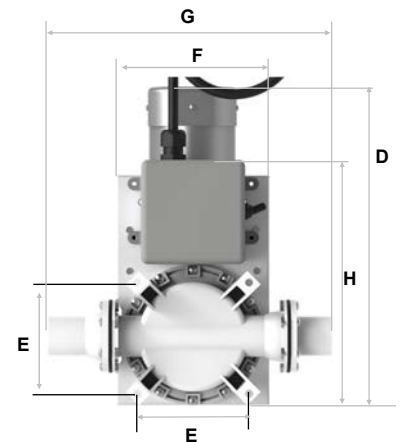
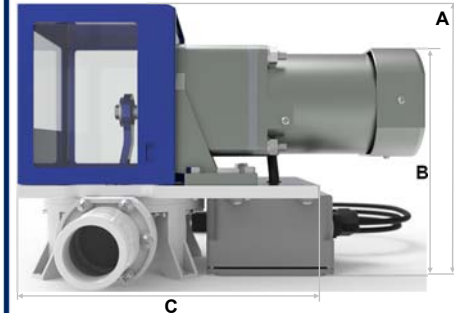
### 115 VAC Motor

Pump Capacity <sup>3</sup> (cfm)	Motor Speed <sup>3</sup> (Name-plate RPM)	Full Load Torque (in-lbs.)	Input HP	Full Load Amps	Max Vacuum (in of Hg) <sup>3</sup>	Max Head Pressure <sup>4</sup> (psi)	Max Head (ft)
1.05	72	111	1/8	1.6	22	11	25

<sup>3</sup> at 0 lift, 0 head

<sup>4</sup> Check valve recommended for lifts above 12 ft.

<sup>5</sup> Assuming dry valves. Higher vacuum possible when valves are wet.



	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

# Guzzler® 115 VAC Electric Pump

## GE-0501N

Example: GE-0501N-071-48-8080-BP

- Guzzler Electric Pump
- Model style #0501N: Natural Delrin Body, Opposite Side Ports
- Silicone Umbrella Valves
- Buna-N (FDA –approved material) Diaphragm
- SS Washer & Aluminum 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

### Product Model Number Nomenclature Guide



**Recommended options for use in maple sap collection**

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
Flapper (Buna-N)	1
Duckbill (Buna-N)	6
<b>Umbrella (Silicone)*</b>	<b>7</b>

Diaphragm	
Option	Code
<b>Buna Nitrile*</b>	<b>1</b>
Buna-N 3-Ply	2
Neoprene	3
Viton	4
EPDM	5
Silicone*	7

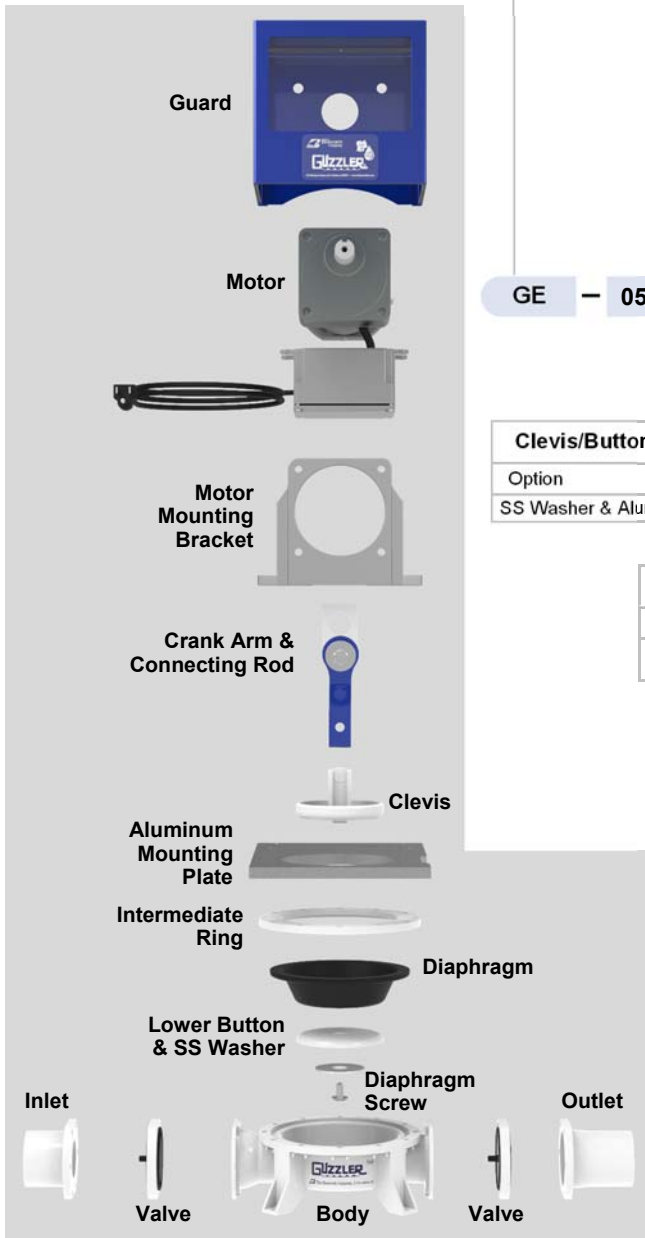
**GE - 0501N - 0 7 1 - 4 8 - 80 80 - BP**

Clevis/Button Assembly	
Option	Code
SS Washer & Alum Clevis	4

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
<b>72</b>	<b>111</b>	<b>BP</b>
100	80	BT



\* These elastomers are made from FDA-approved material.



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