

For maple sap vacuum production on up to 900 taps



Performance

Flow Rate	per cycle: 1.10 Qt (1.0L)
Max Vacuum	28 in Hg (0.9 bar) ¹
Max Lift	20 ft (6.1 m) ¹
Max Pressure	2 psi (0.1bar) ¹
Max Head	4 ft (1.2 m) ¹
Max Service Temp	140°F (60°C)

¹ with wetted umbrella valves; on sugarbushes with tight lines

Specifications / Options

Pump Body & Ports*	Natural (Pigment-free) Delrin / White
Housing & Support Leg	Epoxy-coated steel (resists corrosion)
Valves*	Duckbill**, Umbrella
Diaphragm*	Buna-N
Clevis, diaphragm button and screw *	Natural Delrin (White) and Stainless Steel
Manifolds*	NSF-Potable Water approved PVC pipe
Motor Enclosure	Enclosure provides protection against ingress of dust and water spray from all directions
Motor Ambient Temp	Ambient Temp: 14°F ~ 104°F (-10°C ~ 40°C)

* in contact with fluid

** FDA-approved material

Available Ports

	in	1-1/4
	cm	3.18
NPT Female (Tapped)	S	
NPT Male (Threaded)	•	

S Standard • Optional

- Factory-tested up to 20 in Hg vacuum
 - ◊ **Can achieve up to 28 in Hg** on sugarbushes with tight sap lines and with wetted pump valves
- Use on up to 900 taps
 - ◊ 2.0 cfm (16.0 gpm)
- No releaser required
 - ◊ Creates vacuum and transfers fluid
 - ◊ Liquid will not damage pump
 - ◊ Can run dry without damage
- Wetted components made of NSF-compliant (or better) materials
- Quiet-running 115 VAC 72 rpm motor
 - ◊ Features water-resistant motor enclosure
- Connecting rod bearings require no lubrication
- Pump diaphragms easily accessible by removing pump bodies from housing
- Input/output manifolds can be oriented to point in same or opposite directions
- Wired with on/off switch and 6' power cord

Valve Options

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

Available 115 VAC Motors & Performance

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)	Max Head Pressure ⁴ (psi)	Max Head (ft)
2.0	72	111	1/8	1.6	22	2	4

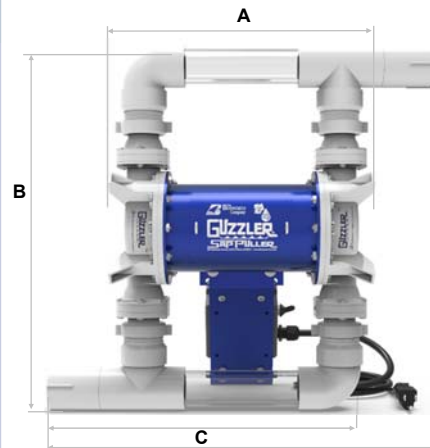
³ at 0 lift, 0 head

⁴ Check valve recommended for lifts above 12 ft.

⁵ Motor Enclosure Rating:

P3: Protection against dust and from water spray in all directions

Quiet-running 115 VAC motor used for the G2-0501N pump features a dust and water-resistant enclosure that provides protection against water spray in all directions.



	in	cm
A	12-1/8	30.8
B	17-1/2	44.5
C	15-1/8	38.4
D	18	45.7
E	9	22.9
F	11-1/4	28.6
G	10-5/8	27.0
H	11-3/16	28.4
Leg Mounting Hole	5/16	0.8
Manifold Mounting Strap Hole	3/8	1.0
Weight	23.5 lb	10.7 kg

Guzzler® 115 VAC Double Diaphragm Electric Pump

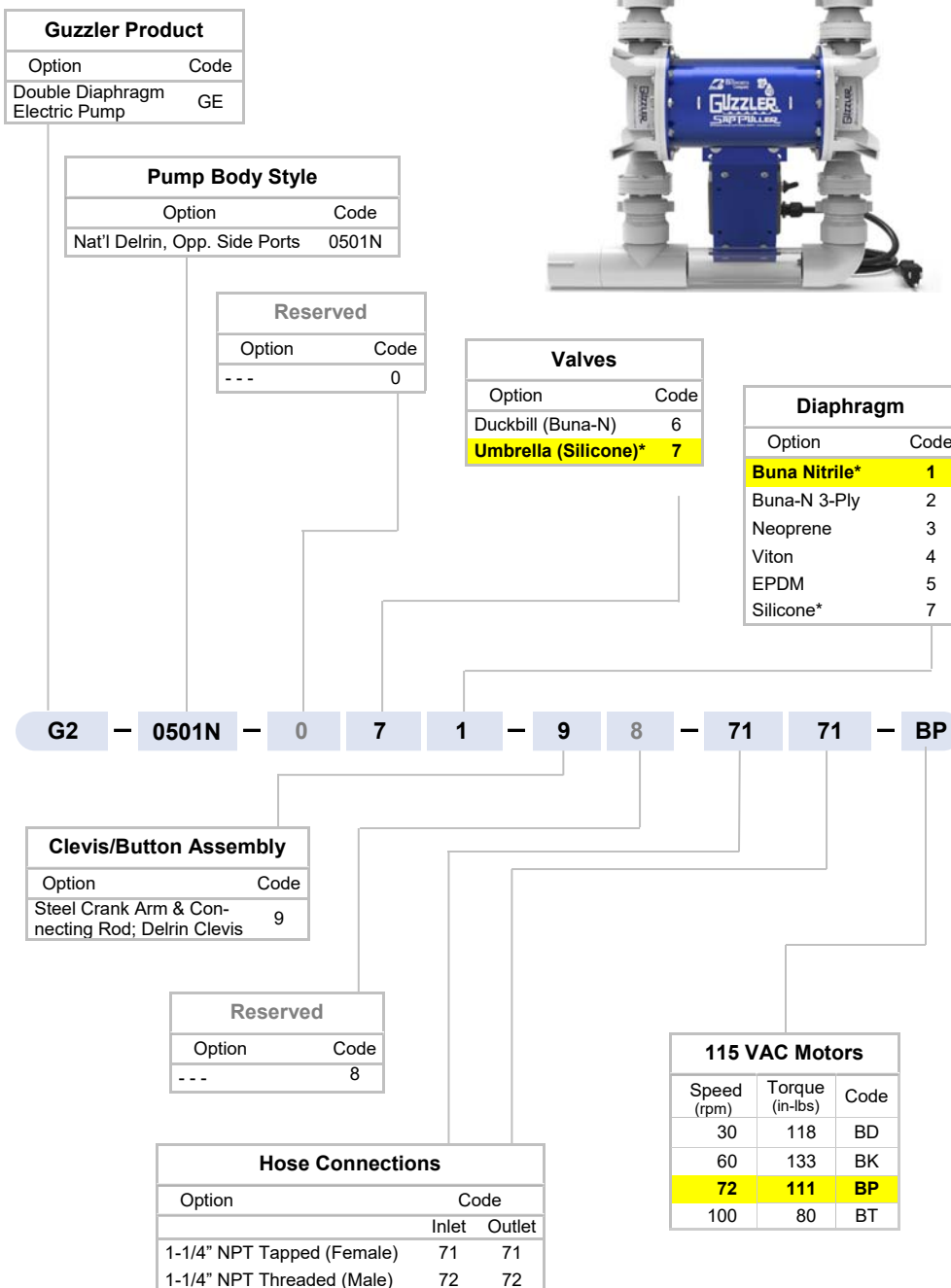
G2-0501N

Product Model Number Nomenclature Guide

Recommended options for use in maple sap collection

Example: G2-0501N-071-98-7171-BP

- Guzzler Electric Pump
- Model style #0501N: Natural Delrin Body, Opposite Side Ports
- Silicone Umbrella Valves
- Buna-N (FDA-approved material) Diaphragm
- Steel Crank Arm & Connecting Rod; Natural Delrin Clevis & Button
- Inlet: 1-1/4" Tapped (Female)
- Outlet: 1-1/4" Tapped (Female)
- 115 VAC / 72 RPM / 111 T Motor; water-resistant motor enclosure



* These elastomers are made from FDA-approved material.