

For maple sap vacuum production on up to 1800 taps



Performance

Flow Rate	30 gpm ¹
Max Vacuum	28 in Hg (0.9 bar) ²
Max Lift	20 ft (6.1 m) ²
Max Pressure	2 psi (0.1 bar) ²
Max Head	4 ft (1.2 m) ²
Max Service Temp	140°F (60°C)

¹ transferring water from/to atmospheric pressure

² with wetted umbrella valves; on sugarbushes with tight lines

Specifications / Options

Pump Body & Ports¹	Natural (Pigment-free) Delrin / White ²
Housing & Support Leg	Epoxy-coated steel (resists corrosion)
Valves¹	Umbrella ²
Diaphragm¹	Santoprene ²
Clevis, diaphragm button and screw¹	Natural Delrin (White) ² and Stainless Steel ²
Manifolds¹	NSF-Potable Water approved PVC pipe ³
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)

¹ in contact with fluid ² FDA-approved material

³ NSF-61 compliant

Available Ports

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

S Standard **•** Optional

- Up to 28 in Hg vacuum with wet pump valves
 - ◊ Dry valves: 20 in Hg
- Use on up to 1800 taps
- 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 120 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
- Wired with on/off switch and 6' power cord
- Available with optional "split" inlet manifold to accommodate connections to 2 mainlines

Valve Options

Umbrella	Excellent vacuum service. Best for transfer of liquids free of any materials. Made from FDA-approved silicone.
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Available 120 VAC Motors & Performance

Pump Capacity ³ (gpm)	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)
30.0	72	200	1/4	3.0	28	2	4

³ at 0 lift, 0 head

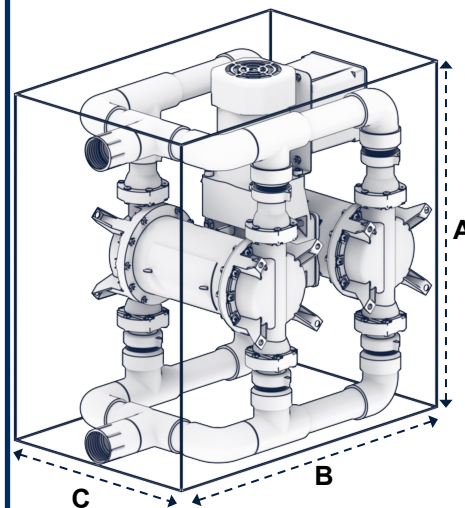
⁴ Check valve recommended for lifts above 12 ft.

⁵ Motor Enclosure Rating:

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



Shown with optional "split" inlet manifold to accommodate connections to two mainlines.



	in	cm
A	19	48.3
B	19-1/2	49.5
C	12-1/8	30.8
Manifold Mounting Strap Hole	3/8	1.0
Weight	46.0 lb	20.8 kg

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SP-G4-0501N-110623

Guzzler® 120 VAC Quad Diaphragm Electric Pump

G4-0501N

Product Model Number Nomenclature Guide

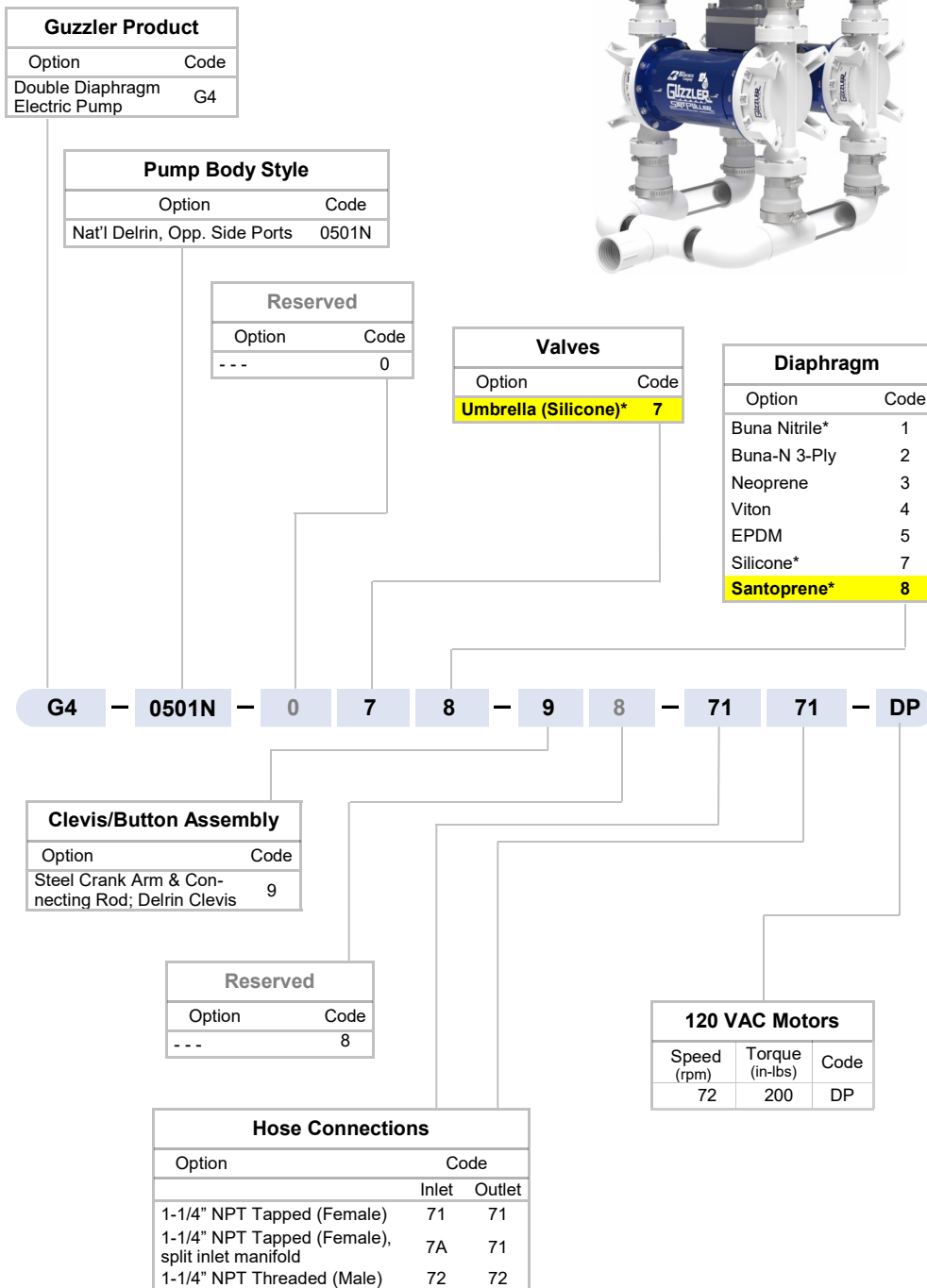
Recommended options for use in maple sap collection

Example: G4-0501N-078-98-7171-DP

- Guzzler Electric Pump
- Model style #0501N: Natural Delrin Body, Opposite Side Ports
- Silicone Umbrella Valves
- Santoprene (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)
- 120 VAC / 72 RPM / 200T Motor; with double-output gearhead; water-resistant motor enclosure



Also available with "split" inlet manifold, accommodating two separate pump inlets. (Inlet Option Code 7A.)



* These elastomers are made from FDA-approved material.