

**For maple sap vacuum production on up to 1800 taps**



### Performance

<b>Flow Rate</b>	30 gpm <sup>1</sup>
<b>Max Vacuum</b>	29 in Hg (1.0 bar) <sup>2</sup>
<b>Max Lift</b>	20 ft (6.1 m) <sup>2</sup>
<b>Max Pressure</b>	10 psi (0.7bar) <sup>2</sup>
<b>Max Head</b>	23 ft (7.0 m) <sup>2</sup>
<b>Max Service Temp</b>	140°F (60°C)

<sup>1</sup> transferring water from/to atmospheric pressure

<sup>2</sup> with wetted umbrella valves; on sugarbushes with tight lines

### Specifications / Options

<b>Pump Body &amp; Ports<sup>1</sup></b>	Natural (Pigment-free) Delrin / White <sup>2</sup>
<b>Housing &amp; Support Leg</b>	Epoxy-coated steel (resists corrosion)
<b>Valves<sup>1</sup></b>	Umbrella <sup>2</sup>
<b>Diaphragm<sup>1</sup></b>	Santoprene <sup>2</sup>
<b>Clevis, diaphragm button and screw<sup>1</sup></b>	Natural Delrin (White) <sup>2</sup> and Stainless Steel <sup>2</sup>
<b>Manifolds<sup>1</sup></b>	NSF-Potable Water approved PVC pipe <sup>3</sup>
<b>Motor Enclosure</b>	Enclosure provides protection against ingress of dust and water spray from all directions
<b>Motor Ambient Temp</b>	Ambient Temp: 14°F ~ 104°F (-10°C ~ 40°C)

<sup>1</sup> in contact with fluid

<sup>2</sup> FDA-approved material

<sup>3</sup> NSF-61 compliant

### Available Ports

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

**S** Standard • **•** Optional

- **Up to 29 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 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**

◇ Ships with 4 spare santoprene diaphragms

- **Wired with on/off switch and 6' power cord**

- **Available with optional "split" inlet manifold to accommodate connections to 2 mainlines**

### Valve Options

<b>Umbrella</b>	Excellent vacuum service. Best for transfer of liquids free of any materials. Made from FDA-approved silicone.
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### Available 115 VAC Motors & Performance

Pump Capacity <sup>3</sup> (gpm)	Motor Speed <sup>3</sup> (Name-plate RPM)	Output Power	Full Load Amps	Max Vacuum (in of Hg)	Max Head Pressure <sup>4</sup> (psi)	Max Head (ft)
30.0	72	200 Watt (1/4 Hp)	3.0	29	10	23

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

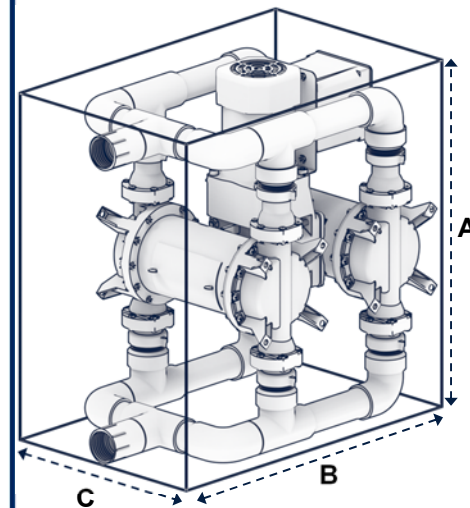
<sup>4</sup> Check valve recommended for lifts above 12 ft.

<sup>5</sup> 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
<b>A</b>	19	48.3
<b>B</b>	19-1/2	49.5
<b>C</b>	12-1/8	30.8
<b>Manifold Mounting Strap Hole</b>	3/8	1.0
<b>Weight</b>	46.0 lb	20.8 kg

# Guzzler® 115 VAC Quad Diaphragm Electric Pump

## G4-0501N

*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)
- 115 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.)



Guzzler Product	
Option	Code
Double Diaphragm Electric Pump	G4

Pump Body Style	
Option	Code
Nat'l Delrin, Opp. Side Ports	0501N

Reserved	
Option	Code
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Valves	
Option	Code
Umbrella (Silicone)*	7

Diaphragm	
Option	Code
Buna Nitrile*	1
Buna-N 3-Ply	2
Neoprene	3
Viton	4
EPDM	5
Silicone*	7
Santoprene*	8

**G4 - 0501N - 0 7 8 - 9 8 - 71 71 - DP**

Clevis/Button Assembly	
Option	Code
Steel Crank Arm & Connecting Rod; Delrin Clevis	9

Reserved	
Option	Code
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115 VAC Motors		
Speed (rpm)	Power (Watt)	Code
72	200	DP

Hose Connections		
Option	Code	
	Inlet	Outlet
1-1/4" NPT Tapped (Female)	71	71
1-1/4" NPT Tapped (Female), split inlet manifold	7A	71
1-1/4" NPT Threaded (Male)	72	72

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