



## Guzzler® Hand Pump GH-0500N






- FDA-approved components for parts in contact with fluid
- Ideal for pharmaceutical, food processing or biomedical applications
- Accommodates 1-1/4" - 2" hose
- 12 GPM
- Rugged aluminum handle
  - Available with horizontal or vertical handle
- Clamp ring adjusts to 12 different handle orientations
  - Optional aluminum clamp ring for added durability

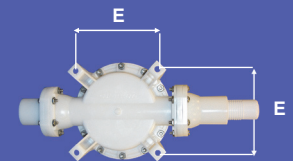
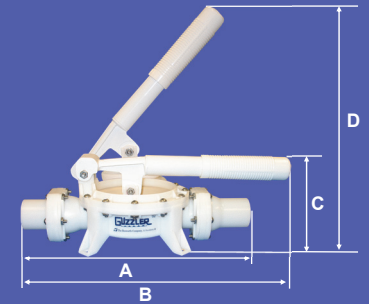
### Performance

<b>Flow Rate</b>	Per minute <sup>1</sup> : 12 Gal (45.4L) Per stroke: 0.55 Qt (0.52L)
<b>Max Lift</b>	12 ft (3.7 m) 22 ft (6.7 m) with check valve
<b>Max Head</b>	30 ft (9.1 m)
<b>Max Pressure<sup>2</sup></b>	15 psi (1.0 bar)
<b>Max Service Temp</b>	220°F (104°C)

<sup>1</sup>: at 90 cpm  
<sup>2</sup>: 20 psi with 19 in handle

### Valve Options

<b>Flapper**</b> 	General purpose liquid transfer		For vertical pump mounts, inlet must be below outlet
<b>Duckbill**</b> 	For dirty liquid and sewage	Good vacuum service	Mount pump in any position
<b>Umbrella</b> 	Clear liquids	Best vacuum service	Mount pump in any position



### Specifications / Options

<b>Body &amp; Ports *</b>	Natural (Pigment-free) Delrin (Dupont 500P NC010) / White
<b>Clamp Ring</b>	Natural Delrin (Dupont 500P NC010), Epoxy-coated Aluminum, Epoxy-coated Aluminum with Stop Brackets
<b>Handle</b>	Aluminum: Horizontal/White, Vertical (Removable)/Silver
<b>Valves *</b>	Flapper** (Buna-N), Duckbill** (Buna-N), Umbrella (Silicone)
<b>Diaphragm *</b>	Buna-N, Silicone (both FDA-approved materials)
<b>Clevis/Button Assembly *</b>	Natural Delrin (Dupont 500P NC010) (White), All Stainless Steel
<b>Internal Spring *</b>	None

\* 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
<b>Hose (Smooth)</b>			S	•
<b>NPT Female (Tapped)</b>		•		
<b>NPT Male (Threaded)</b>			•	

S Standard • Optional

### Additional Optional Clamp Rings



Epoxy-coated Aluminum for reinforcement against vigorous pumping



Epoxy-coated Aluminum with Stop Brackets to prevent over-stroking

	in	cm
<b>A</b>	10-7/8	27.6
<b>A' (with umbrella valves)</b>	11-3/8	28.9
<b>B</b>	13-1/8	33.3
<b>C</b>	4-1/4	10.8
<b>D</b>	12	30.5
<b>E</b>	4-3/8	11.1
<b>Mounting Holes</b>	1/4	0.64
<b>Bolt Circle Diam.</b>	6-1/8	15.6
<b>Weight (w/Horiz. Hndl.)</b>	1.80 lb	0.82 kg
<b>Weight (w/Vert. Hndl.)</b>	1.90 lb	0.86 kg

# Guzzler® Hand Pump GH-0500N



**Example: GH-0500N-377-50-8080-00**

- Guzzler Hand Pump
- Model style #0500N: Natural Delrin Body, Opposite Side Ports
- Horizontal Handle (White)
- Silicone Umbrella Valves
- Silicone Diaphragm
- Natural Delrin Plastic Clevis/Button Assembly
- Natural Delrin Plastic Clamp Ring
- Inlet: 1-1/2" Smooth
- Outlet: 1-1/2" Smooth
- No Spring

Guzzler Product	
Option	Code
Hand Pump	GH

Style (Family)	
Option	Code
Nat'l Delrin, Opp. Side Ports	0500N

Handle	
Option	Code
Horizontal/White	3
Vertical/Silver (Removable)	4

Valves	
Option	Code
Flapper (Buna-N)	1
Duckbill (Buna-N)	6
Umbrella (Silicone)*	7

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

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Clevis/Button Assembly	
Option	Code
Stainless Steel	3
Natural Delrin Plastic	5
SS Buttons & Alum Clevis	6

Clamp Ring	
Option	Code
Natural Delrin Plastic	0
Epoxy-coated Alum	1
Epoxy-coated Alum w/Stop Brackets	4

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

Internal Spring	
Option	Code
No Spring	00

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

