



Guzzler® Hand Pump GH-0400N

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

Specifications / Options

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

* In contact with fluid

Additional Optional Clamp Rings



Epoxy-coated Aluminum for reinforcement against vigorous pumping



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

Guided-stroke clamp ring ensures straight up-and-down diaphragm travel. Eliminates diaphragm rocking back-and-forth motion that contributes to diaphragm wear. Ensures maximum handle force goes into pressurizing the diaphragm.



Performance

Flow Rate	Per minute ¹ : 10 Gal (37.9L) Per stroke: 0.44 Qt (0.42L)
Max Lift	12 ft (3.7 m) 22 ft (6.7 m) with check valve
Max Head	30 ft (9.1 m)
Max Pressure²	15 psi (1.0 kg/cm ²)
Max Service Temp	220°F (104°C)

¹: at 90 cpm

²: 20 psi with 18 in handle

Available Ports

	in	1/2	3/4	1	1-1/8	1-1/4
	cm	1.27	1.91	2.54	2.86	3.18
Hose (Smooth)				S	•	•
NPT Female (Tapped)		•	•			
NPT Male (Threaded)			•	•		
Barbed					•	

S Standard • Optional

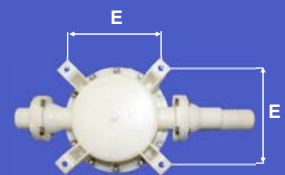
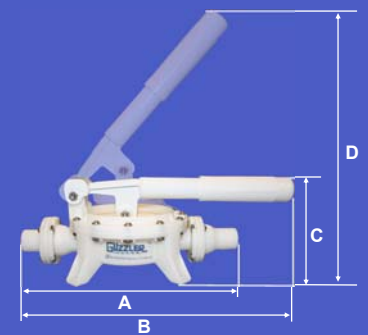
Valve Options



Flapper — General purpose liquid transfer. White (pigment-free) Buna to eliminate risk of pigment leaching into liquid.



Umbrella — Most efficient for pumping clean liquid. Also used for air and vacuum service.



	in	cm
A	10-1/4	26.0
A' (with umbrella valves)	10-7/8	27.6
B	12-3/4	32.4
C	4-5/16	11.0
D	11-3/4	29.8
E	4-3/8	11.1
Mounting Holes	1/4	0.64
Bolt Circle Diam.	6-1/8	15.6
Weight	1.65 lb	0.75 kg

Optional Extra-Long Handle



18 in aluminum handle with Alum. Stroke Guide & Guided Stroke Clevis Assembly for effortless pumping

Guzzler® Hand Pump GH-0400N



Example: GH-0400N-327-10-5050-00

- Guzzler Hand Pump
- Model style #0400N: Natural Delrin Body, Opposite Side Ports
- Aluminum Horizontal Handle (White)
- White Buna-N Flapper Valves
- Silicone Diaphragm
- Natural Delrin Plastic Clevis/Button Assembly
- Natural Delrin Plastic Clamp Ring
- Inlet: 1" Smooth
- Outlet: 1" Smooth
- No Spring

Guzzler Product	
Option	Code
Hand Pump	GH

Style (Family)	
Option	Code
Natural Delrin, Opp. Side Ports	0400N

Handle	
Option	Code
Horizontal/White	3
Vertical/Silver (Removable)	4
Horizontal 18in***	5

Valves	
Option	Code
Flapper (White Buna)	2
Umbrella (Silicone)	7

Diaphragm	
Option	Code
Buna Nitrile	1
Silicone	7

GH - **0400N** - **3** **2** **7** - **1** **0** - **50** **50** - **00**

Clevis/Button Assembly	
Option	Code
Natural Delrin Plastic	1
Stainless Steel	3
SS Button & Guided Stroke Clevis**	6

Clamp Ring	
Option	Code
Natural Delrin Plastic	0
Epoxy-coated Alum	1
Epoxy-coated Alum w/Stop Brackets	4
Epoxy-coated Alum w/ Stroke Guide**	5

Option	Code	
	Inlet	Outlet
1/2" NPT Tapped	31	31
3/4" NPT Tapped	41	41
3/4" NPT Threaded	42	42
1" Smooth	50	50
1" NPT Threaded	52	52
1-1/8" Smooth	60	60
1-1/8" Barbed	63	63
1-1/4" Smooth	70	70

Internal Spring	
Option	Code
No Spring	00

** Clamp Ring (5) requires Clevis/Button Assembly (6)
 *** 18" handle requires Clamp Ring (5) & Clevis/Button Assembly (6)

