



## Guzzler® Hand Pump GH-0400D

- Durable, lightweight Acetal plastic
- Accommodates 1/2" - 1-1/4" hose
- 10 GPM
- Rugged aluminum handle
- Clamp ring adjusts to 12 different handle orientations
- Available with horizontal or vertical handle
- Optional aluminum clamp ring for added durability

### Performance

<b>Flow Rate</b>	Per minute <sup>1</sup> : 10 Gal (37.9L) Per stroke: 0.44 Qt (0.42L)
<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 kg/cm <sup>2</sup> )
<b>Max Service Temp</b>	212°F (100°C)

<sup>1</sup>: at 90 cpm  
<sup>2</sup>: 20 psi with 18 in handle



Vertical handle for "back-and-forth" pumping action

Horizontal handle for "up-and-down" pumping action

### Specifications / Options

<b>Body &amp; Ports *</b>	Acetal (POM) Copolymer / Gray
<b>Clamp Ring</b>	Acetal, Epoxy-coated Aluminum, Epoxy-coated Aluminum with Stop Brackets
<b>Handle</b>	Aluminum: Horizontal/Silver, Horizontal/Black, Vertical (Removable)/Silver
<b>Valves *</b>	Flapper, Duckbill, Umbrella
<b>Diaphragm *</b>	Buna-N, Buna-N Double Sided, Neoprene, Viton, EPDM, Silicone
<b>Clevis/Button Assembly *</b>	Acetal, SS Washer + Aluminum Clevis, All Stainless Steel
<b>Internal Spring *</b>	None, Lightweight, Standard, Heavy-Duty (all stainless steel)
<b>Other</b>	Thru-Deck Mounting Kit (for vertical handle only)

\* In contact with fluid

### 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
<b>Hose (Smooth)</b>			•	<b>S</b>	•	•
<b>NPT Female (Tapped)</b>		•	•			
<b>NPT Male (Threaded)</b>			•			
<b>Male Garden Hose (Threaded)</b>			•			
<b>Barbed</b>			•		•	
<b>Female Garden Hose Adapter</b>			•			

S Standard • Optional

### Valve Options



**Flapper** — General purpose liquid transfer.



**Duckbill** — For dirty liquid and sewage. Permits mounting in any position.



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

### Optional 18 in Handle

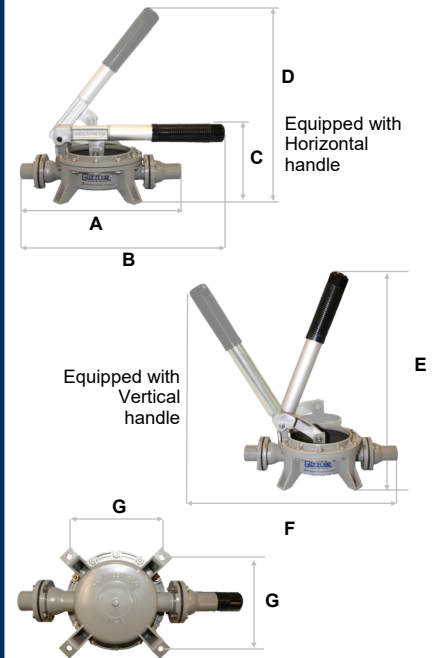
For effortless pumping!



18-inch Horizontal aluminum handle with Aluminum Stroke Guide & Guided Stroke Clevis Assembly



Optional 18 in removable vertical handle



	in	cm
<b>A</b>	10-1/4	26.0
<b>B</b>	12-3/4	32.4
<b>C</b>	4-5/16	11.0
<b>D</b>	12	30.5
<b>E</b>	13-5/16	33.8
<b>F</b>	12-3/4	32.4
<b>G</b>	4-5/16	11.0
<b>Mounting Holes</b>	1/4	0.64
<b>Bolt Circle Diam.</b>	6-1/8	15.6
<b>Weight (w/Horiz. Hndl.)</b>	1.70 lb	0.77 kg
<b>Weight (w/Vert. Hndl.)</b>	1.75 lb	0.79 kg

### 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.



# Guzzler® Hand Pump GH-0400D



## Product Model Number Nomenclature Guide

### Example: GH-0400D-111-10-5050-00

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

#### Guzzler Product

Option	Code
Hand Pump	GH

#### Style (Family)

Option	Code
Acetal, Opp. Side Ports	0400D

#### Handle

Option	Code
Horizontal/Silver	1
Horizontal/Black	2
Vertical/Silver (Removable)	4
Horizontal 18 in***	5
Vertical 18 in	9

#### Valves

Option	Code
Flapper (Buna-N)	1
Flapper (White Buna)	2
Flapper (Neoprene)	3
Flapper (Viton)	4
Flapper (EPDM)	5
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

**GH** - **0400D** - **1** **1** **1** - **1** **0** - **50** **50** - **00**

#### Clevis/Button Assembly

Option	Code
Acetal Plastic	1
Stainless Steel	3
SS Washer & Alum Clevis	4
SS Button & Guided Stroke Clevis**	6

#### Clamp Ring

Option	Code
Acetal Plastic	0
Epoxy-coated Alum	1
Epoxy-coated Alum w/Stop Brackets	4
Epoxy-coated Alum w/ Stroke Guide**	5

#### Hose Connections

Option	Code	
	Inlet	Outlet
1/2" NPT Tapped	31	31
3/4" Smooth	40	40
3/4" NPT Tapped	41	41
3/4" NPT Threaded	42	42
3/4" Barbed	43	43
3/4" Female GH Adapter	45	45
3/4" Male Garden Hose	46	46
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
Std Weight SS	10
Lightweight SS	20
Heavy Duty SS	30

\*\* Clamp Ring (5) requires Clevis/Button Assembly (6)

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

