The Bosworth Company

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

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 Pressure[2]	15 psi (1.0 kg/cm^2)
Max Service Temp	212°F (100°C)

[1]: at 90 cpm
[2]: 20 psi with 18 in handle

Vertical handle for “back-and-forth” pumping action

Horizontal handle for “up-and-down” pumping action

Specifications / Options

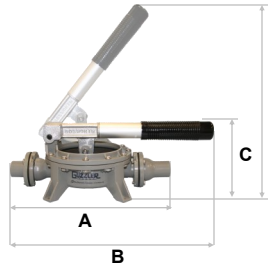
Body & Ports *	Acetal (POM) Copolymer / Gray
Clamp Ring	Acetal, Epoxy-coated Aluminum, Epoxy-coated Aluminum with Stop Brackets
Handle	Aluminum: Horizontal/Silver, Horizontal/Black, Vertical (Removable)/Silver
Valves *	Flapper, Duckbill, Umbrella
Diaphragm *	Buna-N, Buna-N Double Sided, Neoprene, Viton,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

** In contact with fluid*

Available Ports

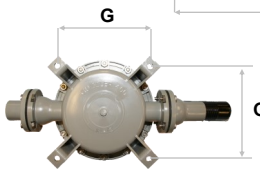
in	1/2	3/4	1	1-1/8	1-1/4
cm	1.27	1.91	2.54	2.86	3.18
Hose (Smooth)		•	**S**	•	•
NPT Female (Tapped)	•	•			
NPT Male (Threaded)		•			
Male Garden Hose (Threaded)		•			
Barbed		•		•	
Female Garden Hose Adapter		•			

S Standard • Optional



Equipped with Horizontal handle

Equipped with Vertical handle



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

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.

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.

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

930 Waterman Avenue
East Providence, RI 02914
(401) 438-1110 • fax (401) 438-2713
toll-free (888) 438-1110 • www.thebosworthco.com

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MADE IN U.S.A. NMMA ISO 9001 MEMBER ABYC

SP-GH-0400D-100423

Guzzler® Hand Pump
GH-0400D

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

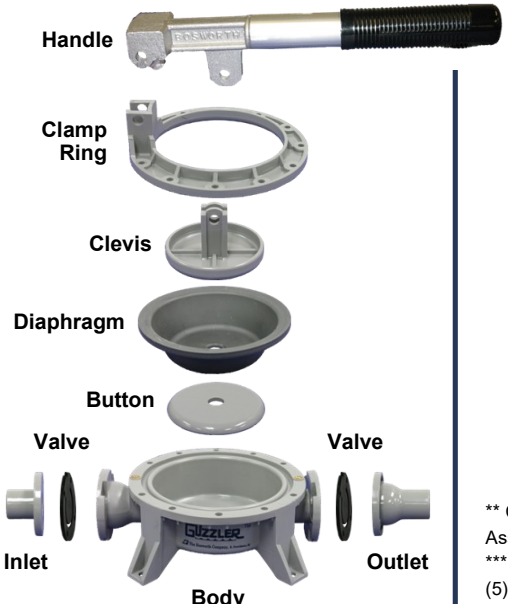
GH	–	0400D	–	1	1	1	–	1	0	–	50	50	–	00

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)

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