



Raising the standard through innovation

Guzzler® Foot Pump GF-0450D



- Durable, lightweight Acetal plastic
- Ideal as kayak bilge pump
- Space-saving same-side ports for close-fitting installations
- Accommodates 1/2" - 1-1/4" hose
- 2.7 GPM
- Available with standard, lightweight or heavy-duty stainless steel spring
- Variety of hose end connections
- Optional rubber boot (dust cover)

Specifications / Options

Body & Ports *	Acetal (POM) Copolymer / Gray
Clamp Ring	Acetal
Valves *	Flapper, Duckbill, Umbrella
Diaphragm *	Buna-N, Buna-N Double Sided, Neoprene, Viton, EPDM, Silicone
Plunger/Button Assembly *	Acetal
Internal Spring *	Lightweight (LW), Standard (STD), Heavy-Duty (HD) (all stainless steel)
Other	Optional Rubber Boot (Dust Cover)

* In contact with fluid

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.



Performance

Flow Rate	Per minute ¹ : 2.7 Gal (10.3L) Per stroke: 0.18 Qt (0.17L)
Max Head	15 ft (4.6 m)
Max Lift	3 ft (0.9 m) (LW spring) 6 ft (1.8 m) (STD spring) 10 ft (3.1 m) (HD spring)
Max Pressure	6.5 psi (0.4 kg/cm ²) ¹
Max. Service Temp	212°F (100°C)

¹: with STD spring; 0 Lift

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

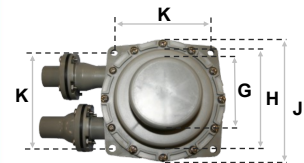
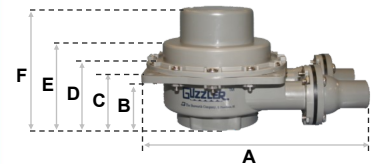
Stainless Steel Spring Options



Lightweight (LW)	— 20 lb/in
Standard (STD)	— 35 lb/in
Heavy Duty (HD)	— 55 lb/in



Shown with optional rubber boot/dust cover



	in	cm
A	8-1/2	21.6
B	2	5.1
C	2-1/4	5.7
D	2-1/2	6.4
E	3-1/8	7.9
F	4-7/16	11.3
G	2-13/16	7.1
H	4-1/8	10.5
J	5-1/2	14.0
K	4-5/16	11.0
Mounting Holes	1/4	0.64
Bolt Circle Diam.	6-1/8	15.6
Weight	1.85 lb	0.84 kg

Guzzler® Foot Pump

GF-0450D



Product Model Number Nomenclature Guide

Example: GF-0450D-061-10-5050-10

- Guzzler Foot Pump
- Model style #0450D: Acetal Body, Same Side Ports
- No Rubber Boot
- Duckbill Buna-N Valves
- Buna-N Diaphragm
- Acetal Plunger Button Assembly
- Acetal Plastic Clamp Ring
- Inlet: 1" Smooth
- Outlet: 1" Smooth
- Standard weight spring

Guzzler Product	
Option	Code
Foot Pump	GF

Style (Family)	
Option	Code
Acetal, Same Side Ports	0450D

Rubber Boot	
Option	Code
No Boot	0
Rubber Boot	8

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

GF - **0450D** - **0** **6** **1** - **1** **0** - **50** **50** - **10**

Plunger/Button Assembly	
Option	Code
Acetal Plastic	1

Clamp Ring	
Option	Code
Acetal Plastic	0

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
Std Weight SS	10
Lightweight SS	20
Heavy Duty SS	30

