



Guzzler® Foot Pump GF-1400D



- Compact size
- Durable, lightweight Acetal plastic
- Accommodates 1/2" – 1" hose
- 2.7 GPM
- Configurable elbow flanges accommodate different hose geometries
- Available with standard, lightweight or heavy-duty stainless steel spring
- Mounts directly through clamp ring
- Optional rubber boot (dust cover)

Specifications / Options

Body & Ports *	Acetal (POM) Copolymer / Gray
Clamp Ring	Acetal
Valves *	Umbrella (Silicone)
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

Valves



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
	cm	1.27	1.91	2.54
Hose (Smooth)				S
NPT Female (Tapped)	•			
NPT Male (Threaded)		•		
Barbed Elbows		•	•	

S Standard • Optional

Stainless Steel Spring Options



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

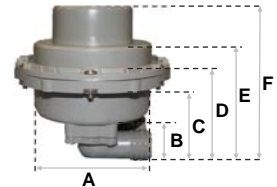
Optional Base Port Configurations



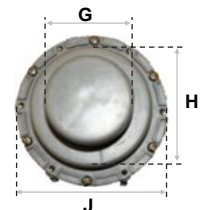
Bottom view showing different possible configurations of 90° barbed elbow ports



Shown with optional rubber boot (dust cover)



Equipped with elbow flanges



	in	cm
A	4-1/8	15.6
B	1-3/8	3.5
C	2-9/16	6.5
D	3-3/8	8.6
E	4	10.2
F	5-1/4	13.3
G	2-13/16	7.1
H	4-1/8	10.5
J	5-1/2	14.0
Mounting Holes	1/4	0.64
Bolt Circle Diam.	5-1/8	13.0
Weight (elbow flanges)	1.55 lb	0.70 kg
Weight (straight flanges)	1.50 lb	0.68 kg

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Example: GF-1400D-071-10-5454-10

- Guzzler Foot Pump
- Model style #1400D: Acetal Body, Base-mounted Ports
- No Rubber Boot
- Silicone Umbrella Valves
- Buna Diaphragm
- Acetal Plunger/Button Assembly
- Acetal Plastic Clamp Ring
- Inlet: 1" Barbed Elbow
- Outlet: 1" Barbed Elbow
- Standard weight spring

Guzzler Product	
Option	Code
Foot Pump	GF

Style (Family)	
Option	Code
Acetal, Base-mounted Ports	1400D

Rubber Boot	
Option	Code
No Boot	0
Rubber Boot	8

Valves	
Option	Code
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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Plunger/Button Assembly	
Option	Code
Acetal Plastic	1

Clamp Ring	
Option	Code
Acetal Plastic	0

Option	Code	
	Inlet	Outlet
1/2" NPT Tapped	31	31
3/4" NPT Threaded	42	42
3/4" Barbed Elbows	44	44
1" Smooth	50	50
1" Barbed Elbows	54	54

Internal Spring	
Option	Code
Std Weight SS	10
Lightweight SS	20
Heavy Duty SS	30

