



Guzzler® Hand Pump GH-M450D



- Flush-mounted below deck or behind wall
 - ◊ Max deck/wall thickness: 3/4 in
- Sleek low-profile cover plate available in black or white
- Space-saving same-side ports for ease of installing in tight spaces
- Removable, rugged aluminum handle
- Handle can be positioned in 12 different orientations relative to pump ports
- Accommodates 1/2" - 1-1/4" hose
- 10 GPM
- Ideal for use as bilge pump

Specifications / Options

Body & Ports *	Acetal (POM) Copolymer / Gray
Clamp Ring	Acetal (POM) Copolymer / Gray
Handle	Aluminum: Vertical (Removable)/ Silver
Cover Plate (Trim Ring)	Polypropylene (Black or White)
Valves *	Flapper, Duckbill, Umbrella
Diaphragm *	Buna-N, Buna-N Double Sided, Neoprene, Viton, EPDM, Silicone
Clevis/Button Assembly *	Acetal (POM) Copolymer / Gray
Acuator	Aluminum, Stainless steel

* In contact with fluid

Removable Handle and Cover Plate (Trim Ring) Options



Top view of closed Trim Ring and Removable Handle



Black Cover Plate



White Cover Plate

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

¹: at 90 cpm

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

Valve Options



Flapper — General purpose liquid transfer.



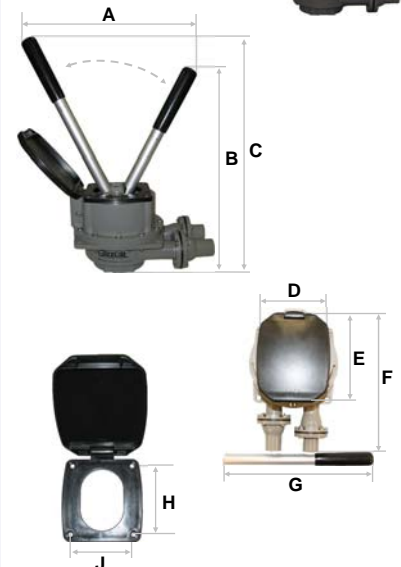
Duckbill — For dirty liquid and sewage. Permits mounting in any position.



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



Pump shown mounted to plexiglass plate with white trim ring visible above mounting surface



	in	cm
A	9-1/2	24.1
B	12	30.5
C	13-7/8	35.2
D	4-1/2	11.4
E	5	12.7
F	8-1/2	21.6
G	10-1/4	26.0
H	3-3/16	8.1
J	2-7/8	7.3
Mounting Holes	1/4	0.64
Weight	2.25 lb	1.02 kg

Guzzler® Hand Pump GH-M450D



Example: GH-M450D-461-87-5050-00

- Guzzler Hand Pump
- Model style #M450D: Acetal Plastic Body, Flush mount, Same Side Ports
- Removable Vertical Handle (Silver)
- Buna-N Duckbill Valves
- Buna Diaphragm
- Stainless Steel Actuator Assembly
- White Polypropylene Cover Plate
- Inlet: 1" Smooth
- Outlet: 1" Smooth
- No Spring

Guzzler Product	
Option	Code
Hand Pump	GH

Style (Family)	
Option	Code
Acetal, Flush mount, Same Side Ports	M450D

Handle	
Option	Code
Vertical/Silver (Removable)	4

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

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Actuator	
Option	Code
Aluminum	7
Stainless Steel	8

Cover Plate	
Option	Code
Black	6
White	7

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

