

Model

GH-400

Description

Hand pump for use with 1/2" to 1 1/4" hose. Available with either horizontal or vertical handle.

Features

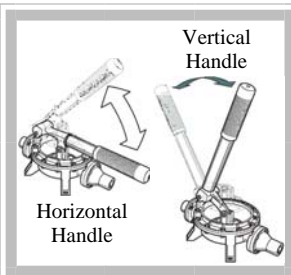
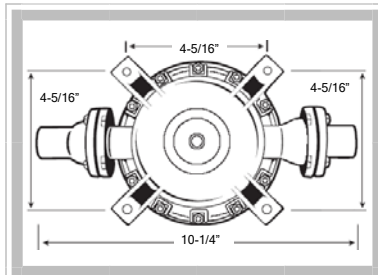
- Lightweight, economical
- Durable – tough Delrin® plastic
- Clamp ring adjusts to 12 different handle orientations
- Can be configured with either vertical or horizontal handle



End View

Horizontal Handle–
Upstroke

Vertical Handle–
Downstroke



Performance

Flow Rate	per Stroke		per Minute (@ 90 cycles/min)	
	0.44 Qt	0.42 L	10 Gals	37.9 L
Max Pressure	20 psi		1.4 kg/cm ²	
Max Head	12 ft		3.7 m	
Max Lift	12 ft		3.7 m	






Available Materials

Pump Body	Delrin (Gray)
Clamp Ring	Delrin, Epoxy-coated Aluminum
Diaphragm	Buna Nitrile (Buna N), Buna N Double Sided, Buna-N 3-Ply, Neoprene, Viton, EPDM, Urethane, Silicone
Valves	Buna N, Neoprene, Viton, EPDM, Silicone (<i>Silicone only available with umbrella valve</i>)

Dimensions




	Length			Width	Height	
	Body	incl. H. Handle	incl. V. Handle		incl. H. Handle Up	incl. V. Handle Up
in	10 1/4	12 3/4	12	5 1/2	12	13 5/8
cm	26.0	32.39	30.48	13.97	30.48	34.61
Mounting Holes			4			
Mounting Hole Diameter			1/4 in	0.64 cm	Weight	
Bolt Circle Diameter			6 1/8 in	15.56 cm	1.70 lb	0.77 kg
Hole-to-Hole Distance			4 5/16 in	10.95 cm		

Inlet & Outlet Ends & Sizes

						
in	cm	Hose (Smooth)	N.P.T. Female (Tapped Inside)	N.P.T. Male (Threaded Outside)	Male (Threaded Outside) Garden Hose	Barbed
1/2	1.27		•			
3/4	1.91	•	•	•	•	•
1	2.54	S		•		
1 1/8	2.86	•				•
1 1/4	3.18	•				

(S: standard •: optional)

Other Options

Item	Standard	Optional
Valves	 Flapper	 Duckbill  Umbrella
Handle Style	Horizontal (H)	Vertical (V) (removable)
Other		Thru Deck Mounting Kit (<i>only for vertical handle</i>) Internal Spring

Consult factory for other options.