HAND PUMPS

LIFT PUMP STAND – for Hand Pump use. (11HA) is recommended for shallow wells less than 25 feet, has a 6 inch stroke only and a multi-position cap. The 11HA pump does not have a sealed packing in the top of the pump and is therefore more suitable for watering flowers and livestock than for drinking water.

FORCE PUMP STANDS– for Windmill, Pump Jack or Hand Pump use. These Force Pumps have a built-in surge chamber, piston rod and packing nut, adjustable strokes and multi-position cap. Order (11HD) for siphon spout or (12HD) for bibb spout models. Force Pumps are available with factory installed sanitary shroud. Can be used to depths of 200 feet.

42" OAL

11HA

11HD or 12HD

Monitor Lift Hand Pump Stands		
Ord. No.	Description	Wt.
11HA	Hand lift pump stand	64
100HA	7' Drop Pipe & Rod Assembly, ONLY.	22
HA20	7/16" Plated Pump Rod 7' Long, Threaded both ends	4
Monitor Force Pump Stands		
11HD	Force Pump stand w/syphon spout	80
12HD	Force pump stand w/bibb spout	80
11HDA	Force Pump stand 2" w/syphon spout	80
12HDA	Force pump stand 2" w/bibb spout	80
11HDS	Force pump stand w/syphon spout & shroud	110
12HDS	Force pump stand w/bibb spout & shroud	110
11HDSA	Force pump stand 2" w/syphon spout & shroud	110
Accessories		
146HD	Hand pump spout to garden hose thread adapter	1
1HPS	Hand Pump Screen Adapter Kit for Spout	

22"

51"

19"

12HD
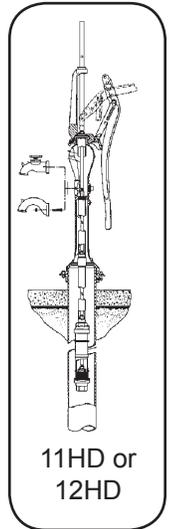
11HD

2 11/16 ID Also DKG FTN

9 3/4 OD

TABLE OF HAND PUMP DATA
Depth to water that can be pumped by average person and showing the three columns possible with 5", 7-1/2" and 10" pin positions on the pump handle.

Cylinder Size	5" Stroke Depth to Water-Ft.	7-1/2" Stroke Depth to Water-Ft.	10" Stroke Depth to Water-Ft.
2	201	140	108
2-1/2	141	99	76
3	104	72	56

NOTE: Above calculations are based on 50 lbs. applied perpendicular to the pump handle and includes the hydraulic lift with 10% added for leather friction and weight of rod at minimum mechanical advantage which occurs at midstroke.
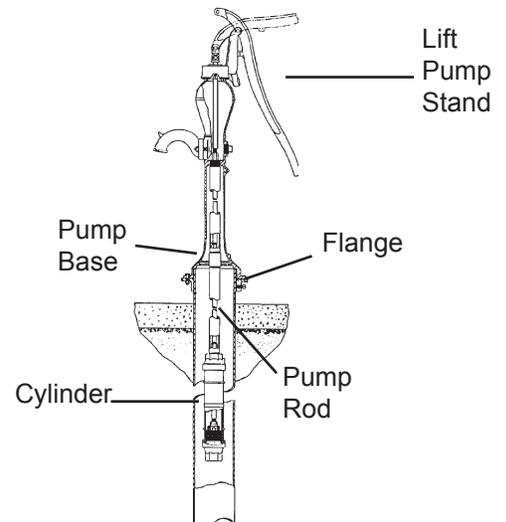
Lift Pump Stand

Pump Base

Flange

Pump Rod

Cylinder

Bibb Spout

Siphon Spout

1HPS

146HD