

# Diaphragm (D)

Particularly useful for pumping muddy water, sludge or any liquid with a high percentage of solids – one of the best features of the Diaphragm Pump is the ability to run dry indefinitely without damage. Available with a gasoline, electric or diesel engine.



## Applications

**Construction:** Open pit dewatering, cleaning man holes, slurry transfer

**Water Treatment:** Pumping out neutralized sludge, cleaning cesspools/septic tanks

**Industrial:** Pumping out sludge, paper mills, food processing, wood pulp, bilge pumping, dyes, cutting water, circulation, juices, effluent from washing textiles or fibers

## Features

- Able to run dry indefinitely
- Automatic dry-priming
- Quick dry-prime from 20 feet
- Self-priming, positive displacement
- Passage of large solids
- Lightweight rugged construction
- High resistance to abrasive and corrosive liquids
- Wear parts are easily replaced
- Rotating parts do not come in contact with the pump liquid
- Simple low-cost maintenance
- Economical to operate
- Self-lubricated bearing in connecting rod
- Optional spring-loaded connecting rod to protect against pump casing damage
- Optional stainless steel wear plates and optional ball valves for the suction and discharge are available

## Model Specifications

Unit Model	Size (In.)	Maximum Capacity (GPM)	Maximum Head (Ft.)	Maximum Solids (In.)
SINGLE DIAPHRAGM PUMPS:				
2DL**	2	30	32	0.75
2D	2	80	40	2.00
3D**	3	90	50	2.00
DOUBLE DIAPHRAGM PUMPS:				
4D	4	140	50	2.00

Consult engineering data for exact maximum performance RPM  
\*\* Available with stainless steel wetted parts

