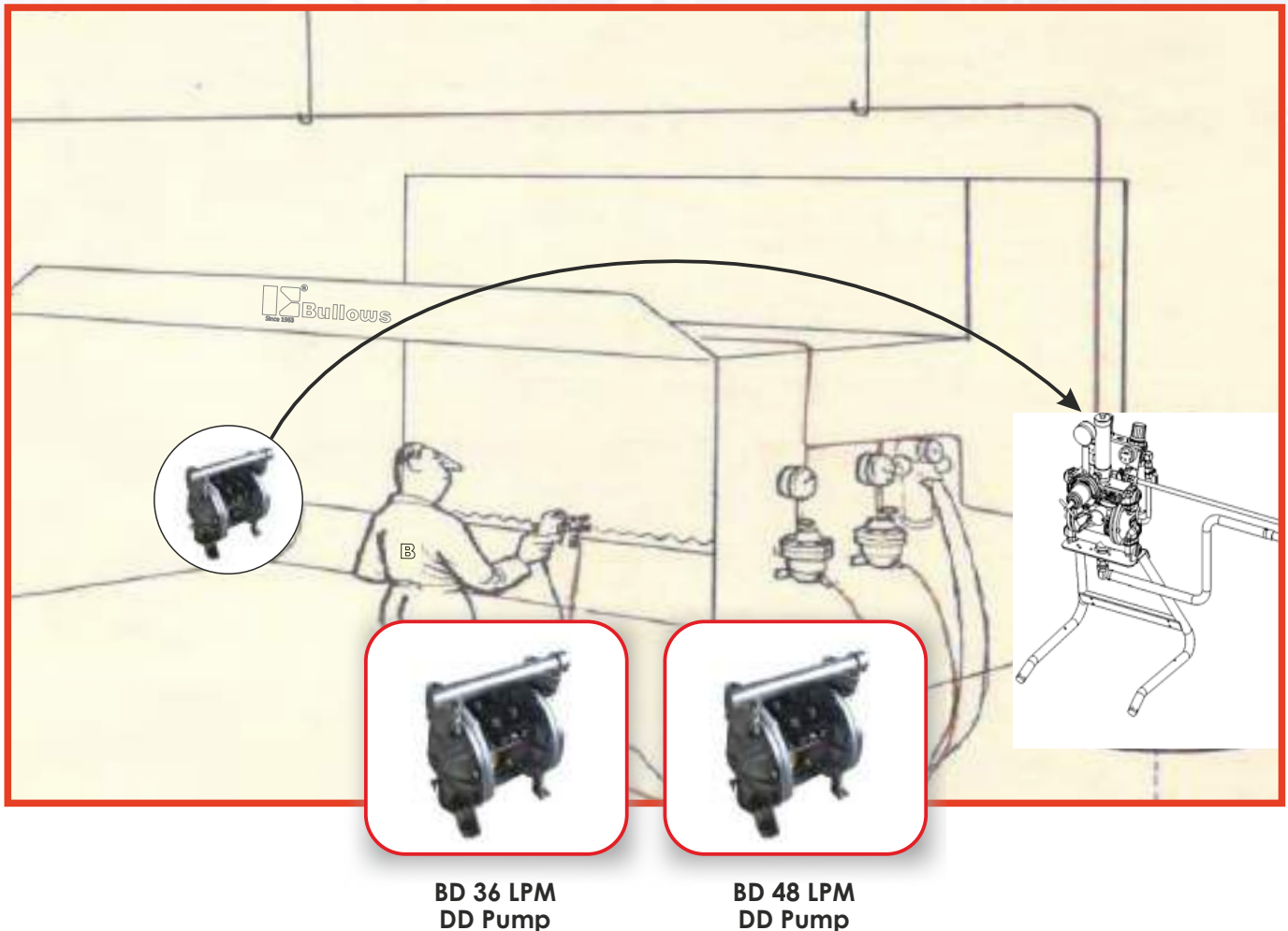


## Diaphragm Pump



- To retain our goodwill as the leading manufacturer, trader, exporter and supplier, we are offering a qualitative assortment of Diaphragm Pump. The offered diaphragm pumps are manufactured with excellent raw material, by workforce in accordance with international quality standards. This diaphragm pumps is offered in different specifications as per with customer's choice

- Sturdy design
- High operational fluency
- Excellent functionality

### Application Area

- |                       |                       |                     |
|-----------------------|-----------------------|---------------------|
| • Automobile Industry | • General Engineering | • Heavy Engineering |
| • Defence             | • Leather Industry    | • Ceramic Industry  |
| • Drums & Barrel      | • Metal               | • Wood / Plastic    |

## Technical Specification

Technical Specification	BD 36 LPM	BD 48 LPM	BD 90 LPM	BD 180 LPM
Inlet/outlet	3/8 " BSP	1/2" BSP	3/4 " BSP	1" BSP
Max flow rate	36 Lpm	48 Lpm	90 LPM	180 LPM
Flow each cycle	0.08 L	0.15 L	0.225 L	0.45 L
Suction lift	6.4 m	6 m	6 m	6 m
Weight	4 kg	4.5 kg	8 kg	9.5 kg
Max. Pump Speed	500 cpm	400 cpm	400 cpm	400 cpm

### Install Indication

- Always connect the liquid outlet hose first, then connect the pump to air pressure source.
- The unit is pressurized internally with air pressure during operation. So always disconnect air pressure supply before disassembling.

### Installation Of DD Pump

- Do not use pump without installation.
- Keep minimum valves and no Non Return Valves in the piping which will affect the pump capacity.
- Keep the prescribed bore of suction & discharge pipe.
- If fitting up a Rigid piping, it should be assembled with a short flexible hose.
- While installation, note the packing piece to see whether there is leakage or not.
- While installing pipe, be sure that suction pipe and air pipe should not contain any choking.
- Inlet pipe must install filter to prevent that big solid entering in to result breakdown.

### Operation

- The operation altitude for priming is below 20 feet (6.09meters). If deliver high viscosity liquid, the distance between suction inlet and liquid surface should be minimum.
- The output flow can be controlled by Air Filter regulator of air valve.
- To start or stop the pump can be controlled by the discharge controller

### Air Supply

- Do not connect the unit to air supply in excess of 8 kg/cm<sup>2</sup>.
- Do use the prescribed compressed air pressure. Air should be clean, free of dust and moisture.
- The air inlet can't be smaller than the air inlet valve, otherwise, the air pressure might be insufficient and work volume will be influence.
- It is better for air supply pipe to install air filter regulator.