

Applications

- Automotive Industry, Aviation Industry.
- To transfer oil, air craft fuel , Hydraulic Fluids, Satellite refueling.
- Chemical, Petrochemical, Refineries And Pharmaceutical Industry.
- To handle Acids&Alkalines, organic chemicals, Tablet pastes, solvents, Blood plasma, syrups.
- Food & Beverages Industry
- Concentrates, syrups, fruit juice,Hot pulp, wine, yeast, animal food, vinegar.
- Paint And Furniture Industry.
- Primers, adhesives, dispersions, resins, varnishes, starch adhesives, paints, glue.
- Utility Water & Sewage Treatment
- Charging of scrubbers, contaminated liquids, effluents transfer, waste water.

Advantages

- No seal, No Leakage.
- Self Priming, No need of foot valve.
- Variable flow with same pump.
- Can be submerge.
- Less stock of spare to be maintain.
- No skill person is needed to operation and repair pump.
- Light weight, handy in use.
- No rotation no wear & tear hence low maintenance.
- Pump can run dry.
- Stop Automatic on closing of discharge Valve.
- Can handle 2 to 10 mm size solid particles.
- Also Can be used upto accuracy 3 to 5%.
- No motor, No fire.
- In short very simple and versatile pump.

Operation Principle

- Dry air is given as input to air valve. Air will push both diaphragm alternatively.
- Four ball valves will act as NRV for suction and delivery.
- As per liquid compatibility MOC of diaphragm valve and wetted part selected.