

21. Pedal pump

This is a demonstration of McD BERL's commitment to innovation. Utilizing the energy that would have otherwise been wasted, McD BERL devised a pump that pulls water from sump to the overhead tank. This serves two purposes, a physical exercise for modern day urban living human, and feeding the overhead tank which otherwise requires a motored pump.

The pedal pump has the following features,

- Double cylinder reciprocating pump
- Suction head 20 ft
- Delivery head 40 ft
- Total head: 60 ft
- Discharge: 200 lts per 10 min of slow pedaling

21.1



21.2