



# SPAN PUMPS

Innovate ♦ Design ♦ Implement

## Afridev Hand Pump

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## Afridev Hand Pump



AFRIDEV hand pumps have all the features of VLOM hand pumps and additionally it has been designed to overcome the maintenance problems faced by the rural/ unskilled operators, so that woman can easily handle it too.

### Technical Specifications:

Construction	Modular, comprising 6 assemblies
Pump body	Fabricated MS, galvanized corrosion resistant
Cylinder	Direct action reciprocating
Ideal speed	40 strokes per minute
Out put	1200 Liters per hour @ 40 strokes per mint.
Space requirement	2-3 sq m
Operating depth	25 to 45 m depth
Operating Mechanism	Manually operated handle
Connecting rods	10 mm dia. welded eye and hook and Nitril rubber centralizers
Weight	50 kgs
Raised pipe	50 mm dia. With pipe centralizers. Option for SS or uPVC pipes as per user requirement.

### Main features :

1. Afridev hand pump is classified as VLOM Pump.
2. Requires minimum tools and skills for maintenance.
3. Eye and hook connecting rods are easy to install and maintain
4. The cylinder can be serviced with out removing riser pipes.
5. The below ground assembly is corrosion resistant
6. The bearings are made of plastic and are easy to replace.

### Applications:

1. 100mm- 150mm diameter bore wells and open wells
2. Community water supply in rural area
3. School water supply,