

# RV40 AIR OPERATED DIAPHRAGM PUMP

## INSTALLATION MANUAL

-BUILT FOR AFRICAN CONDITIONS-



- Thanks for purchasing our products
- Please read the directions carefully

Driven by SHANGHAI JIANGLANG TECHNOLOGY CO.LTD

## Features

- 1-1/2 in (38.1 mm) end-porting
- High flow – 100 gpm (378 lpm) in a compact, portable size
- Fluid pressure to 120 psi (8.4 bar, 0.84 MPa)
- Patented, high-reliability closed center air valve is online serviceable
- Lube-free operation
- Epoxy-coated air section
- External controller for optional remote operation

## Typical Applications

- Filter press
- Tank stripping
- Bilge pumping
- Sand and ball mill pumping
- Oil transfer and oil skimming
- Chemical plating

## Typical Fluids Handled

- Latex
- Abrasive fluids
- Slurries: petroleum, lime, clay, ferrite, salt/brine and pumice
- Sludge: secondary and clarifier
- Pottery slip

| RV40 Diaphragm Pump              |   |
|----------------------------------|---|
| Technical Specifications         |   |
| Max Working Pressure             | 120psi(0.84Mpa ,8.4bar)   |
| Max Flow Rate                    | 118 gpm(446 lpm)  |
| Max Reciprocating Speed          | 200cpm  |
| Max Suction Height (Dry Sucking) | 5m  |
| Max Permitted Grain              | 5mm   |
| Max. Air Consumption             | 80scfm(40L/s)   |
| Air Inlet size                   | 1/2 in.npt(f)   |
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| Fluid Inlet size                 | 11/2 in.npt(f)  |
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| Weight                           | Aluminium pump 16kg;<br>Stainless steel 29.0kg<br>Ductile Iton 33kg |

