

RAJ PUMPING SYSTEMS

ALL TYPES OF WATER PUMPING SYSTEMS & EQUIPMENTS

(Since 1995)

PUMPING SYSTEMS WITH SUBMERSIBLE TYPE PUMPS



Building Trust



Submersible Pumping Systems



Domestic & Drinking Water Supply System for building



Hydro pneumatic system for high rise building



River Water Supply



Structure for Pumps Installation



Platform for Header & Panel

Salient features

- Pump House not required
- Flooding will not affect the Water Supply
- Ventilation not required
- Systems are most Efficient & Consume least Energy
- No Hydraulic & Electrical Surges
- Noiseless Operation
- Priming not required
- Pumps Operation-Pump in parallel or pumps in series
- Easy Installation - One Electric & One Hydraulic Connection
- Rigid Foundation not required
- Custom Design and operations available to meet any demanding situation.

Hydro pneumatic systems are packaged pumping systems -

Incorporating multiple Submersible Pumps, Bladder Vessel, Control Panel. The pumps, motors, Isolation Valves, Steel Structure, Earthing Kit, Expansion Joints, Non slam NRV for each pumps, Pressure Control Unit, Pressure Gauge, Delivery Header, Electrical Equipments are chosen from the wide range of reliable manufacturers.

Optional Accessories -

Control Panel - VFD, HMI, PLC, Soft Starter, Mobile Phone Starting facility, Remote Start and Stop Facility.

Steel Piping & Structural Steel - Coating Hot Deep Galvanized, Fiber Glass, Kirloskar Corrocoat, Epoxy Coating.

Solar Pumping System - Solar PV modules with Automatic Tracking System

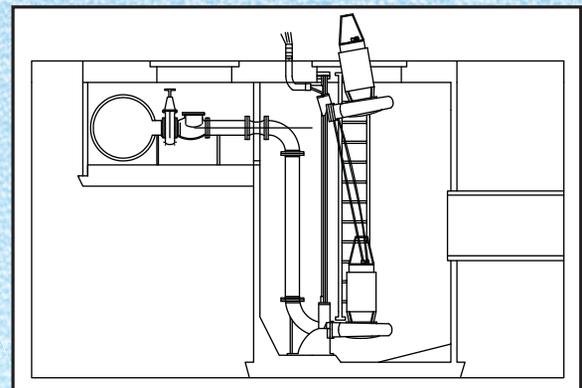
Flow Measurement - Ultrasonic Flow meter, Water meter

Operation

The pump start / stop automatically sensing drop / rise in pressure, when outlets are opened / closed. The low demands are met by diaphragm vessels & also useful for no water hammer it ensures pulse free pumping.



Submersible Pump with foot valve arrangement



Pumping System Arrangement