



RAJ PUMPING SYSTEMS

ALL TYPES OF WATER PUMPING SYSTEMS & EQUIPMENTS

HYDROPNEUMATIC PRESSURE TANKS

Imported / Indigenous

**Save Water
Save Energy**

Application : Industrial, Domestic, Agriculture

These tanks are ideally suited for a wide range of applications

- Booster Systems (Hydropneumatic)
- Thermal Expansion (Expansion Vessels) HVAC
- Hydraulic Hammer Arresting (Water hammer Control Device) Bladder Vessels
- Fire Fighting Systems (Jockey Pump application)

Features :

- Interchangeable Membrane
- Available in 10, 16 & 25 bar
- Size from 2 Ltrs. to 10000 Ltrs.



Advantages :

- The water only comes in to contact with membrane. Therefore eliminating the possibility of corrosion.
- The membrane is easy to replace.
- Low Maintenance.
- Reduction in working cost
- Increase lifetime of equipment
- Reduction in maintenance cost

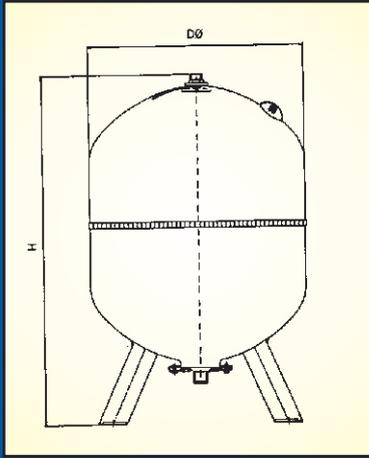
Technical Data

Shell & Elliptical head - carbon steel, stainless steel 304
Membrane - EPDM / Butyl Rubber / Nitrile Rubber
Bladder reinforced with High Strength Nylon Coated
Pre-charge valve :- Brass,
Painting :- Epoxy Coated
Working Temperature : - 10°C to + 99°C
Test Pressure : 1.5 Time. The Max working pressure.



We recommend multiple vessels in parallel with a common header incase of requirement of very large vessels. This ensures easy handling and stand by capacity

Line Drawing



Accessories

- Pressure recorder ● Pressure transducer
- Mobile alert message for high pressure
- Nitrogen portable charging unit ● Air checking guage.
- Air foot pump for small tanks.
- Compact compressor for big tanks.
- 5 way connector ● Pressure guage
- Pressure Switch ● Flexible Tube (Pipe)



Spare Membrane

Spare Parts



Precharge Valve

Dimensions

Capacity (Ltr)	Water Connection	H-Height (mm)	DØ-Diameter (mm)
2	3/4" mbsp	265	110
8	3/4" mbsp	310	200
18	3/4" mbsp	465	280
24	3/4" mbsp	492	280
60	1" mbsp	761	635
100	1" mbsp	774	495
150	1" mbsp	927	550
200	1 1/4" mbsp	1020	600
300	1 1/4" mbsp	1243	650
500	1 1/4" mbsp	1493	750
750	2" mbsp	1820	800
1000	2" mbsp	2250	800
1500	2" mbsp	2400	960
2000	2" mbsp	2500	1100
3000	DN 65	2750	1200
4000	DN80	3220	1450
5000	DN80	3620	1450

Note : Specification are subject to change without prior notice



More than 20 years Experience

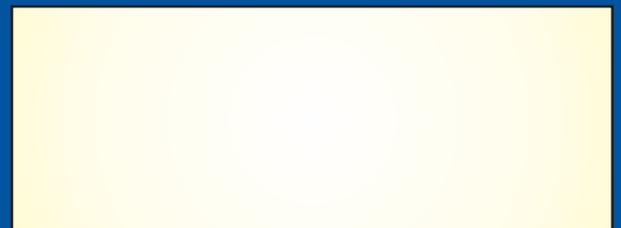
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- Email : rajpumpingsystems@gmail.com ● rajpumpingsystems02@gmail.com

We Provide Services For

- Traditional compressor vessel system. Tailor made surge control system consisting of tank, air compressor, control panel, solenoid valves, sight guage, ball valves, level switches and pressure transducer.
- Annual maintenances contract for bladder vessel and air vessel
- Hydro pneumatic Systems (HYPN)
- Dewatering & Sewage Pumps
- Booster Systems for Municipal Water Supply
- Efficiency Improvement Services
- Solar Pump System ● Pumping consultant
- Rain Water Harvesting ● Air Vacuum Valves
- Valve Automation ● Self Cleaning Strainer
- High Pressure Cleaning Pump
- Dismantling Joints & Expansion joints
- Turn Key Contracts in Fire protection systems
- Floating platform with submersible pump assembly



Website : www.rajpumping.com