

Pneumatic Water Supply System

This pneumatic water supply system provides efficient and reliable water distribution. It features a pressure vessel, multistage centrifugal pumps, and an automated control panel.



System Overview

Professional Water Supply Solutions

The QY-type pneumatic water supply system is a highly reliable solution engineered for efficient water distribution in demanding environments. This comprehensive assembly integrates advanced vertical multistage centrifugal pumps with automated PLC-based controls to maintain consistent pressure and flow. Built on a robust base frame, the system provides long-term stability and is suitable for diverse applications ranging from industrial water supply to fire protection and irrigation.

System Components

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- Vertical pressure vessel
- Vertical multistage centrifugal pumps
- Electric motor drives
- Electrical control panel (PLC & HMI)
- Piping, valves, and fittings
- Sturdy base frame

Technical Specifications

Automation & Monitoring

- Programmable Logic Controller (PLC)
- Human-Machine Interface (HMI)
- Pressure monitoring
- Flow rate tracking
- Water level sensing

Pressure Vessel Construction

Carbon steel, Stainless steel

Applications

Typical Applications

Industrial water supply • Fire protection • Irrigation