

# 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

### System Components

- 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