

# Variable Frequency Constant Pressure Pump

This pump maintains constant water pressure while conserving energy. Its motor speed varies with water consumption.



## Product Overview

### High-Efficiency Constant Pressure Solution

This multistage centrifugal pump utilizes advanced permanent magnet synchronous motor technology and FOC vector drive to provide superior energy efficiency and quiet operation. Designed for reliability, the system features a durable stainless steel construction and an integrated diaphragm pressure tank to maintain stable water pressure under varying demands. With intelligent constant pressure control and comprehensive protection functions, it serves as an ideal solution for residential and industrial water circulation and pressure boosting needs.

## Technical Specifications

|                            |  |
|----------------------------|--|
| Maximum Liquid Temperature | 100 °C   |
| Construction Materials     | Stainless Steel Body, Stainless Steel Impeller |

## Key Features

### Core Technologies

- Permanent magnet synchronous motor
- Non-inductive FOC vector drive
- Diaphragm pressure tank technology
- Integrated check valve for water hammer elimination

### System Interface & Safety

LCD Display • Industrial Pressure Sensor • Constant Pressure Control • All-round Protection Function