

Intelligent Permanent Magnet Booster Pump FP400 Series

Suitable for residential applications such as houses, commercial buildings, offices, shophouses, townhouses, and detached homes.

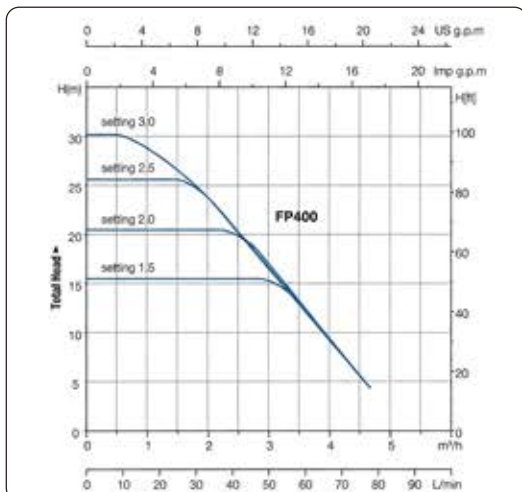
- Designed for pumping clean water from municipal water supply lines, water tanks, and other sources where increased water pressure is required.
- Suitable for residential buildings of up to 3 floors.



Specifications

Model	FP400
Power (W)	400
Cycle (Hz)	50
Voltage (V)	220 - 240
Max Head (m)	30
Max Flow Rate (L/min)	75
Depth (m)	5
Inlet (inch)	1
Outlet (inch)	1
Net Weight (kg)	6.2
Gross Weight (kg)	7.2
Packaging Size (mm)	340*180*270

Performance Curves



Feature



Permanent Magnet Motor

The permanent magnet motor delivers high operating efficiency and helps reduce energy consumption by approximately 30-50%.



Shielded Pump

The pump features a sealless design in which the motor and pump section are separated by a metal sleeve. This eliminates the need for a shaft seal, helping reduce wear and minimize the risk of water leakage.



Built-in Integrated Inverter

The built-in inverter control system automatically adjusts the motor speed according to the preset water pressure, providing constant and stable pressure with quiet operation and improved energy efficiency.



Quiet Operation

The pump operates at a very low noise level of approximately 45 dB, making it suitable for installation inside the home or under a kitchen sink without disturbing everyday living.



Easy Installation

The inlet and outlet connections are designed for quick and easy pipe installation without the need for thread seal tape, as built-in rubber seals help prevent water leakage.

Model Analysis

