

# Permanent Magnet Intelligent Booster

### Variable Speed

MAC550 can adjust performance by adjusting motor speed automatically according to water demand, provide constant pressure to all taps.

### **Multiple Protection**

To ensure longer service life, several protective functions are incorporated. Pressure setted protection, Blocking protection, Leakage protection, No-water protection, Dry-running protection, Over-heating protection, Over/Under-voltage protection.

### **Energy Efficient & Money Saving**

Permanent magnet frequency-converting motor helps reduce power consumption, can automatically adjust RPM to match required outlet water. Helps to reduce energy bills.

## **Easy Selection**

One model for most of domestic applications.

#### Low Noise

Sound level < 47dB(A) in typical use, thanks to water cooled motor.

### **User Friendly**

Working pressure & fault codes can be showed on touch control pannel. Touch pannel can adjust working pressure.

### **Easy Installation**

Compact all-in-one solution, integrating high efficiency pump, nonreturn valve, sensor, speed controller and pressure vessel together.

### **Technical Details**

Technical data	MAC550
Voltage	220 <sup>-</sup> 240 V
Frequency	50,⁄60 H z
Max.Power	550 W
Max.Flow	4.8 m ³/h
Max.Head	40 m
Max.Speed	5200 rpm
Max. Current	2.7 A
Max. Suction	6 m
Connection Size	G 1″

Ambient temperature: Max.+50°C Liquid temperature: Max.+40°C Liquid PH value: 6.5 ∼ 8.5 System pressure: Max.10bar Ingress protection: F

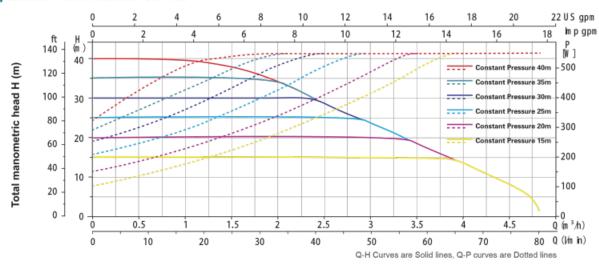
Sound pressure level: 47dB(A) in typical use

Protection class: IPX4 (Suitable for outdoor installation)

Dimensions: 392x160x315 mm

Weight: 11 kg

## **Hydraulic Performance Curves**



Capacity Q ▶