

# MAC550

Perfect Water Pressure  
Intelligent Variable Speed



**LEO MAC550** is an intelligent pressure booster system. It can automatically adjust performance according to water demand and provide constant pressure to all taps.

## APPLICATIONS

Water supply and pressure boosting for all domestic application. Garden watering, building water supply and agriculture.

- Permanent Magnet Motor
- Easy Installation
- Protective Functions
- Silent Running Operation
- Energy Saving
- Space Saving

# MAC

## 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 panel. Touch pannel can adjust working pressure.

### Easy Installation

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

### Technical Details

Technical data	MAC550
Voltage	220 ~ 240 V
Frequency	50/60 Hz
Max.Power	550 W
Max.Flow	4.8 m <sup>3</sup> /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

