

MAC550

Perfect Water Pressure Solutions
Intelligent Variable Speed



LEO MAC550 is an intelligent pressure booster system, can automatically adjust performance according to water demand, can 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
- Energy Saving
- Space Saving
- Low Noise

MAC550

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 settled 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-invertor 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 panel can adjust working pressure.

Easy Installation

Compact all-in-one solution, integrating high efficiency pump, non-return valves, pressure/flow 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	4.8m ³ /h
Max. Head	40 m
Max. Speed	5200rpm
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

