



WALRUS
PUMP

New

Antimicrobial Automatic Booster Pump

The new feature of TP_PB series with adding silver ion to the pump casing has been scientifically proven to inhibit microbial growth by 99% over a 24-hour period.

Ag⁺



TP_PB Series
Automatic Booster Pump





Silver Ion Test Report

- ✓ When positively-charged silver ions meet the negatively-charged microbial cells, silver ions will pierce through the surfaces of bacterial cells, damaging their structure and inhibiting bacterial reproduction.
- ✓ The silver ions feature applied to the pump casting will provide an excellent bacterial-inhibiting effect.

Per **SGS** test results adding
silver ion could effectively restrict those growth.

*Test report number: No. UG/2020/21687A-01, 21688A-01, 21689A-01

99%

E. coli

87%

S. aureus

95%

Bacillus subtilis

Peace of Mind



Silver Ions

Silver ions applied to inhibit bacterial and moss growth. SGS inspection-certified.



RoHS 2.0

iPhone-worthy safety standards and RoHS-compliant, the pumps are made with no hazardous substances for humans and the environment.



PPS

Equipped with PPS plastic, high-temperature resistance, excellent heat dissipation capabilities and corrosion resistance



CE

Certification standards for health, safety, and environmental protection to ensure conformity with all relevant EU-wide requirements.

Product Feature

- Manufactured with non-corrosive rust proof materials.
- Special design corrosive resistant Pressure Tank with good appearance.
- Appropriate reliable check valve with silent operation.
- Compact design, small size, easy installation.
- Every pump tested in our factory to ensure quality and reliability.
- High performance, electricity saving motor with patented cooling construction. Build-in thermal overload protector for motor burnt out protection.

Application

Ideal for pumping clean, non-volatile liquids without fibers or solids in such applications as:

- Homes where the incoming city water supply pressure is too low.
- Municipal water or underground.
- Irrigation.
- Washing / Cleaning System.

Pump & Motor Labs

- The only lab in Taiwan with TAF, TUV & ILAC certifications. Premium quality assured.
- One-and-only firm in Taiwan with "motor + pump" R&D expertise, a unique approach to pump optimization
- Motor efficiency up to IE4, recognized by Taiwan Excellent Motor Award—Energy-Saving Category



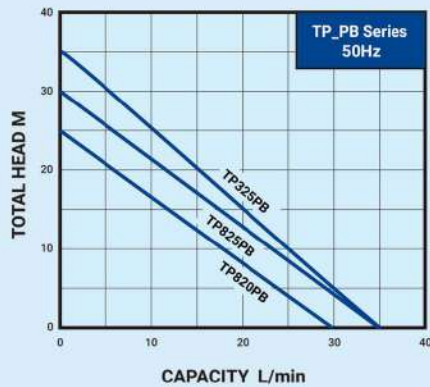
Motor Laboratory



Pump Performance Laboratory



Performance Curve



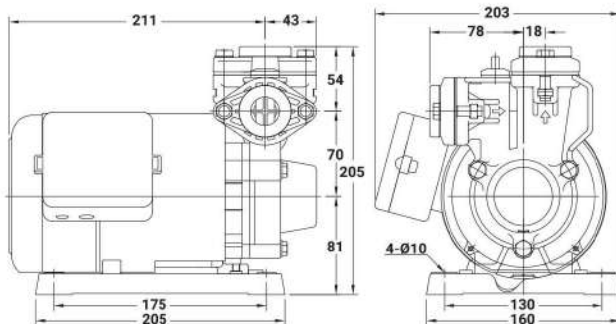
Operating Conditions



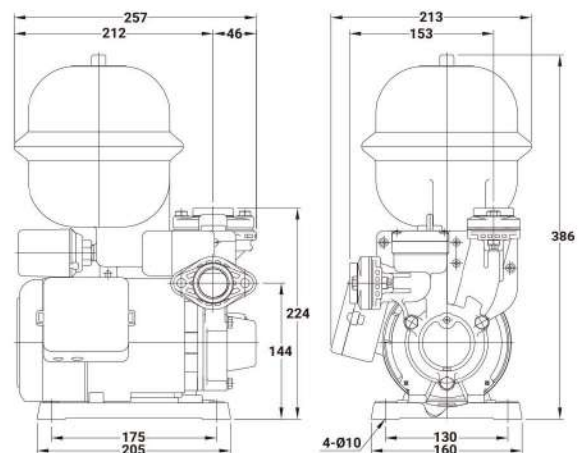
- Ambient temperature : Max. +40°C
- Liquid temperature : +4°C ~ +40°C
- Suction Head : Max. 8 M
- Inlet pressure : Lower than the pressure switch OFF setting. (See Specification)

Dimensions

TP3_PB Series



TP8_PB Series



TP3_PB Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	H max. m	Q max. L/min	N.W. kg	G.W. kg	
TP325PB	0.37	50	1	200 - 240	2.7	1"	1"	35	35	6.5	7	60



TP8_PB Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Pressure Switch kg/cm ² ON OFF	Pressure Tank L	H max. m	Q max. L/min	N.W. kg	G.W. kg	
TP820PB	0.18	50	1	200 - 240	1.4	3/4"	3/4"	0.9 1.8	1	25	30	6.7	7.7	32
TP825PB	0.37	50	1	200 - 240	2.2	1"	1"	1.8 2.8	1	30	35	7.6	8.6	32

The TP_PB series is a complete, all-in-one unit, consisting of pump, motor and pressure tank helps maintain a constant water pressure and operates efficiently.

- **Safer** The first in Thailand to have "Antimicrobial" which helps anti bacteria, germs and viruses that may come with water, ensuring peace of mind and safety for everyone in the household.
- **Stronger** Water flow with impeller and pump casing special design to create higher pressure.
- **More Durable** Pump casing made of Engineering Plastic. Rust proof and corrosion resistant.
- **Save Spaces** Compact design save space for installation, suitable for houses, offices, town homes and commercial buildings.

1.



High Quality and Durable

Being the number 1 sales leader in Taiwan with over 56 years of experience, with moter pump testing lab before delivery.

2.



Compact Design and Unique

Special pump casing design with high polymer plastic rust proof throughout its lifetime.

3.



Genuine brass impeller

Turbine impeller with special design increase water delivery efficiency, durable, resist corrosion, rust-free and weather-resistant.

4.



Motor with Thermo Overload Protection

Stay safe with Thermal overload protection, protect form higher temperatures.

5.



Constant water pressure

Inside pressure tank equipped with diaphragm rubber, maintains a constant water pressure and save electricity.

6.



Stable water

Pressure switch helps with working smoothly, designed for capable up to one million times.

7.



Corrosive resistant

Genuine stainless-steel rotor, corrosive resistant and rust preventive.

8.



Cooling impeller

Helps to remove heat from pump, extend the motor's lifespan and operate efficiently.

The installation method "the right for your house"

Water source from a well or an underground water storage tank



Water source from an above-ground water storage tank

