

# TP8\_PTB Series Automatic Booster Pump



## 50 Hz

Power: 0.18 - 0.37 kW

Head: Up to 30 M

Flow: Up to 35 L/min

Outlet: 3/4" - 1"

Inlet: 3/4" - 1"

## 60 Hz

Power: 0.18 - 0.37 kW

Head: Up to 36 M

Flow: Up to 42 L/min

Outlet: 3/4" - 1"

Inlet: 3/4" - 1"



## Product Features

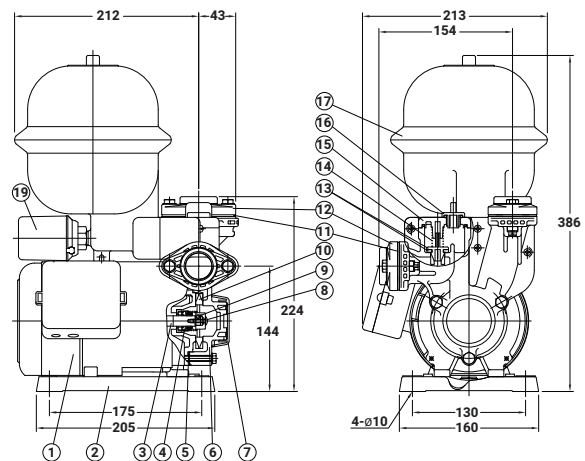
- Manufactured with non-corrosive rust proof materials.
- Special design corrosive resistant pressure tank with good appearance.
- Appropriate reliable check valve with silent operation.
- Compact design, small size, easy installation.
- Every pumps tested in our factory to ensure quality and reliability.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

## Applications

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

- Homes where the incoming city water supply pressure is too low
- Portable water supply or underground
- Irrigation
- Washing/cleaning system

## Dimensions

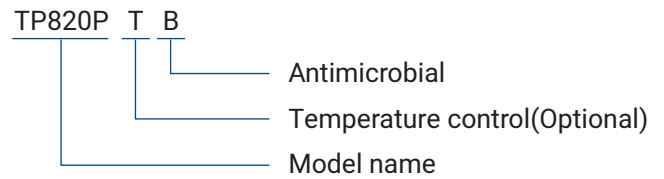


NO	Part Name	Material
1	Fan cover	ABS
2	Mounted Base	ABS
3	Shaft	SUS410
4	Mechanical Seal	CERAMIC+CARBON+NBR
5	O Ring	NBR
6	Pump Casing	PPS
7	Cover	NYLON
8	Screw	SUS304
9	Steel Ball	SUS304
10	Impeller	BRASS
11	Gasket	NBR
12	Flange	SUS304 + NYLON
13	Check Valve Set	POM+NBR
14	Spring	SUS304
15	Water Cover	PPS
16	Water Plug	NYLON
17	Pressure Tank	PP
19	Pressure Switch	-

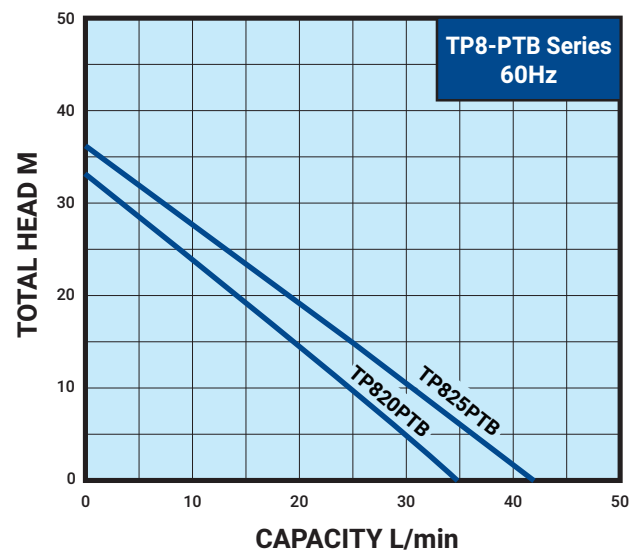
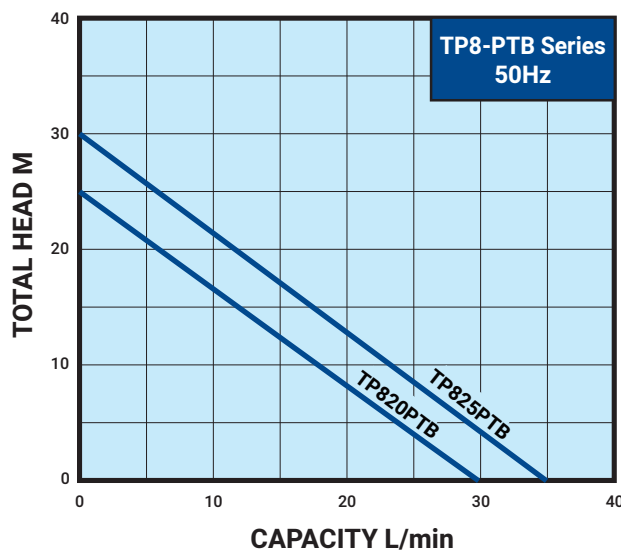
## Operating Conditions

- 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 )

## Standard Mode



## Performance Curve



### TP8\_PTB Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Pressure Switch kg/cm <sup>2</sup>		Pressure Tank L	H max. m	Q max. L/min	N.W. kg	G.W. kg	
								ON	OFF						
TP820P(T)B	0.18	50	1	200 - 240	1.4	3/4"	3/4"	0.9	1.8	1	25	30	6.7	7.7	32
TP825P(T)B	0.37	50	1	200 - 240	2.2	1"	1"	1.8	2.8	1	30	35	7.6	8.6	32



### TP8\_PTB Series 60Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Pressure Switch kg/cm <sup>2</sup>		Pressure Tank L	H max. m	Q max. L/min	N.W. kg	G.W. kg	
								ON	OFF						
TP820P(T)B	0.18	60	1	110/220	3.2/1.6	3/4"	3/4"	1.2	2.4	1	34	35	6.7	7.7	32
TP825P(T)B	0.37	60	1	110/220	5.2/2.6	1"	1"	2.0	3.0	1	36	42	7.6	8.6	32