

## TZB Series

Variable frequency self-priming pump  
50/60 Hz

PRODUCT CATALOGUE



# SELF-PRIMING PUMP

## Inverter technology

### Product Description

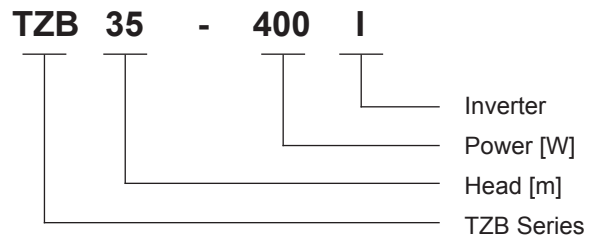
TZB is a self-priming pump with integrated inverter technology that keeps the water pressure at a constant level. The pump is equipped with a built-in pressure sensor to detect the pressure changes in the water pipe enabling the pump to adjust motor speed accordingly and provide required pressure for the domestic, residential, garden, and light commercial water applications.



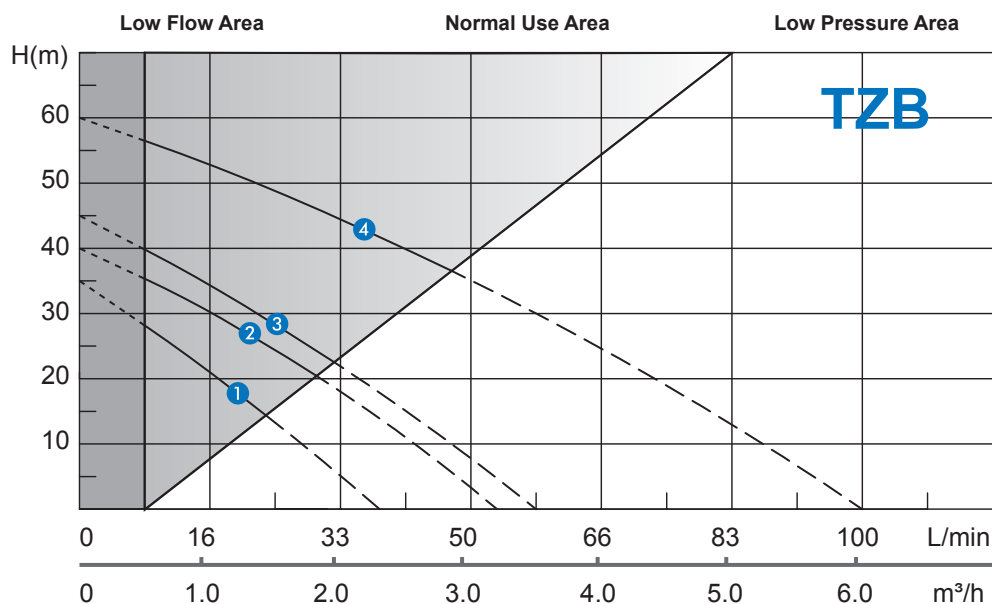
### Series Design:

TZB is a constant pressure variable frequency self-priming pump.

### Model Description



### Performance Curve



- 1: TZB 35-400 I
- 2: TZB 40-600 I
- 3: TZB 45-800 I
- 4: TZB 60-1500 I

# PRODUCT OVERVIEW

Efficient & reliable



## Operating Data

- Medium: Clean Water (non-corrosive, free of solids or fiber)
- Min / Max Liquid Temp: 0 - 90 °C
- Min / Max Ambient Temp: 0 - 45 °C
- Max. suction: 8 m
- Insulation Class: F
- Protection Class: IPX4

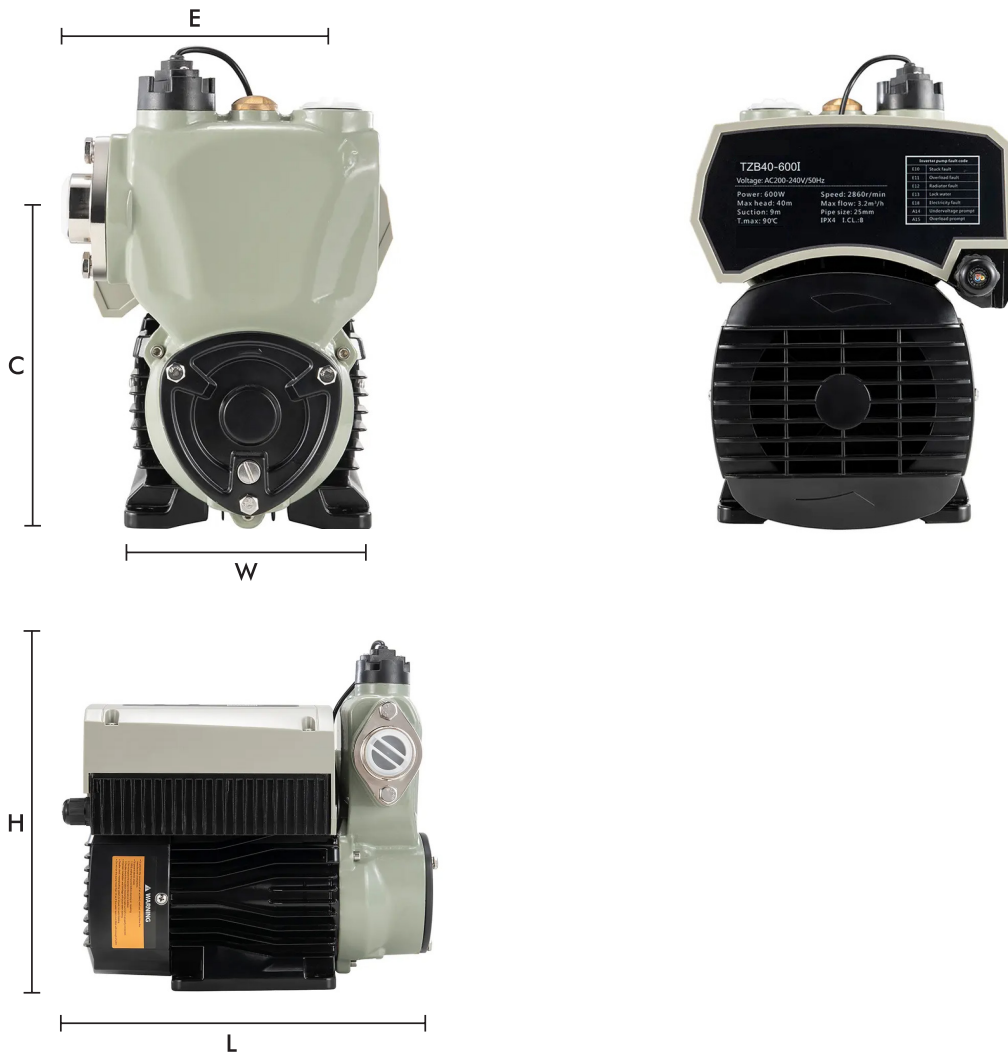
## Key Features

- Intelligent operation
- Energy Saving thanks to integrated inverter technology.
- Built-in flow & pressure sensors.
- Low-noise operation.
- Multiple Protection.
- Easy to install, plug and play.

Model	Voltage [V]	Frequency [Hz]	Power [W]	Current [A]	Max. Flow [m3/h]	Max. Head [m]	Max. Suction Head [m]
TZB 35-400 I	1 x 220	50 - 60	400	2.7	2.3	35	8
TZB 40-600 I	1 x 220	50 - 60	600	4.2	3.2	40	8
TZB 45-800 I	1 x 220	50 - 60	800	5.2	3.5	45	8
TZB 60-1500 I	1 x 220	50 - 60	1500	10	6.0	60	8

# PRODUCT DIMENSIONS

TZB 35-400 I / 40-600 I / 45-800 I



Model	Dimension [mm]					Pipe Size [mm]	Gross Weight [Kg]	Package size [mm]
	L	W	H	C	E			
TZB 35-400 I	274	120	251	163.5	141	25	12.0	345 x 252 x 310
TZB 40-600 I	290	148	275	190	148	25	15.4	340 x 264 x 328
TZB 45-800 I	290	148	275	190	148	25	16.3	340 x 264 x 328

# PRODUCT DIMENSIONS

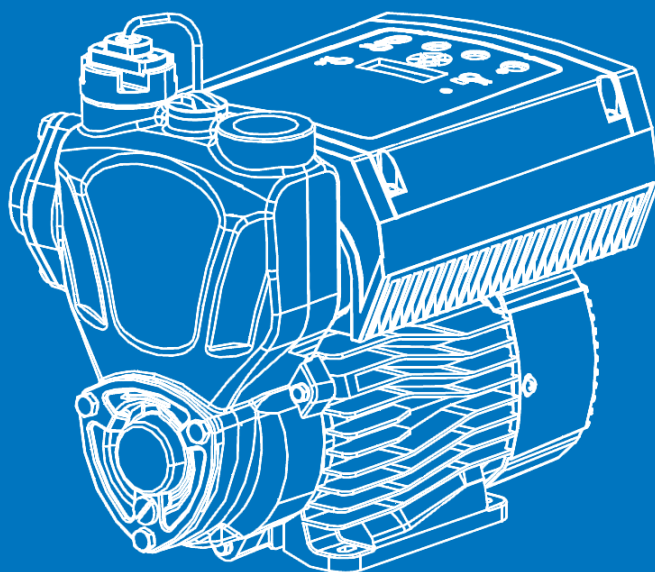
## TZB 60-1500 I



Model	Dimension [mm]					Pipe Size [mm]	Gross Weight [Kg]	Package size [mm]
	L	W	H	C	E			
TZB 60-1500 I	328	150	325	229	179	40	24.3	380 x 280 x 380

TECNODYNE PUMPS INC. reserves the right to modify any specification without notice.

# TECNODYNE



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