

60 Hz

EQ-800A

AUTO BOOSTER WATER PUMP

Intelligent permanent magnet

Variable frequency



WATER PUMP EQ-800A				
Intelligent Permanent Magnet Variable Frequency				
Model	Frequency	Max. Head	Max. Flow	Max. Power
EQ-800A	50/60 Hz	35 m	35 m³/h	3.5 kW
Max. Flow Rate	3.5 m³/h	Max. Head	35 m	Max. Power
Max. Flow Rate	3.5 m³/h	Max. Head	35 m	Max. Power

SPERONI
WATER PUMPS

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GENERAL DATA

AUTO BOOSTER WATER PUMP

INTELLIGENT PERMANENT MAGNET

VARIABLE FREQUENCY



PRODUCT DESCRIPTION

-Intelligent permanent magnet variable frequency booster pump (hereinafter referred to as auto booster pump) adopts permanent magnet motor, centrifugal impeller and guide vane.

The auto booster pump has the characteristics of stable operation, low noise, no leakage, anti-condensation and simple operation structure.

CONDITIONS OF USE

The auto booster pump should be able to work continuously and normally under the following conditions of use:

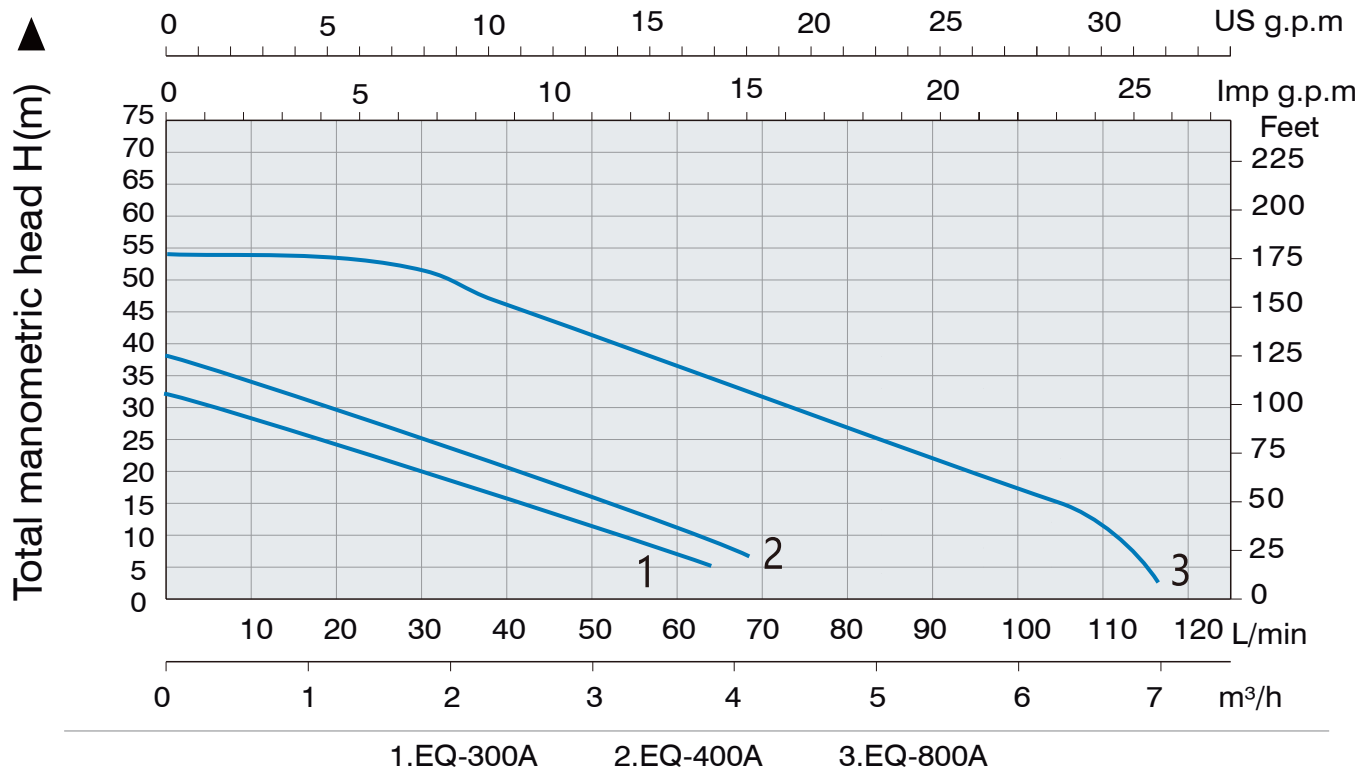
- Conveying clear water.
- Ambient temperature 2°C ~+40°C; liquid temperature range 2°C ~+60°C.
- The altitude shall not exceed 1000m.
- The volume ratio of solid in the liquid does not exceed 0.01%, and the particle size is not greater than 0,1mm.
- The pH of the liquid is between 6.5 and 8.5.
- The voltage is single-phase AC 220V, and the voltage fluctuation range is $\pm 12\%$ of the rated value.

EQ-800A SERIES

60 HZ

TECHNICAL DATA

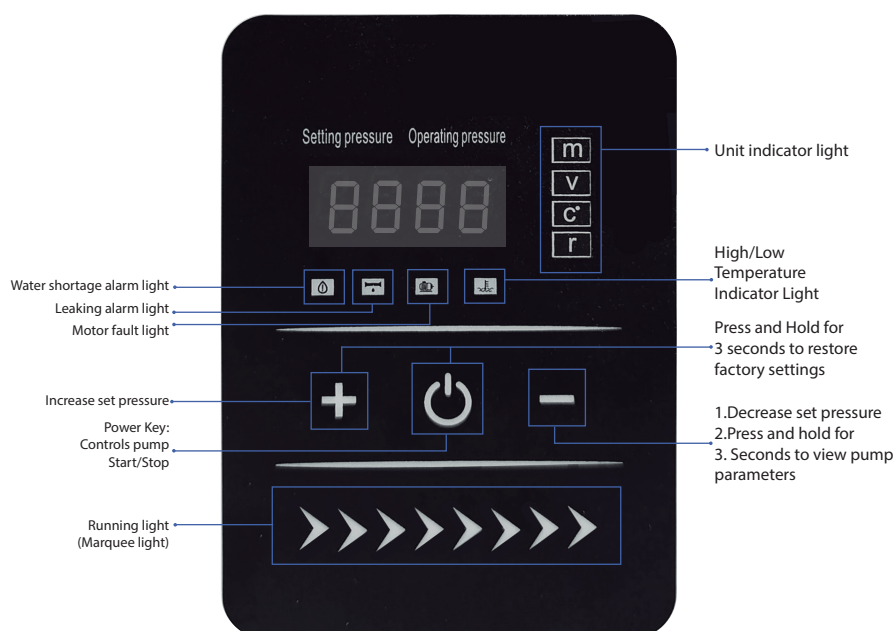
PERFORMANCE CURVES



TECHNICAL DATA (115~230V/60Hz)

MODEL	RATED COLTAGE	P1	P2	H Max	Rated H	Max flow	Rated flow	Max. Speed	In/Out Pipe Diameter
	w	kW	kW	m	m	m³/h	m³/h	rpm	
EQ-300A	220	0.32	0.30	32	15	3.5	2.4	6000	DN25
EQ-400A	220	0.42	0.40	38	18	4.8	2.7	6000	DN25
EQ-800A	220	0.85	0.80	53	41	7	4.1	6000	DN40

PANEL SCHEMATIC





WATER PUMPS

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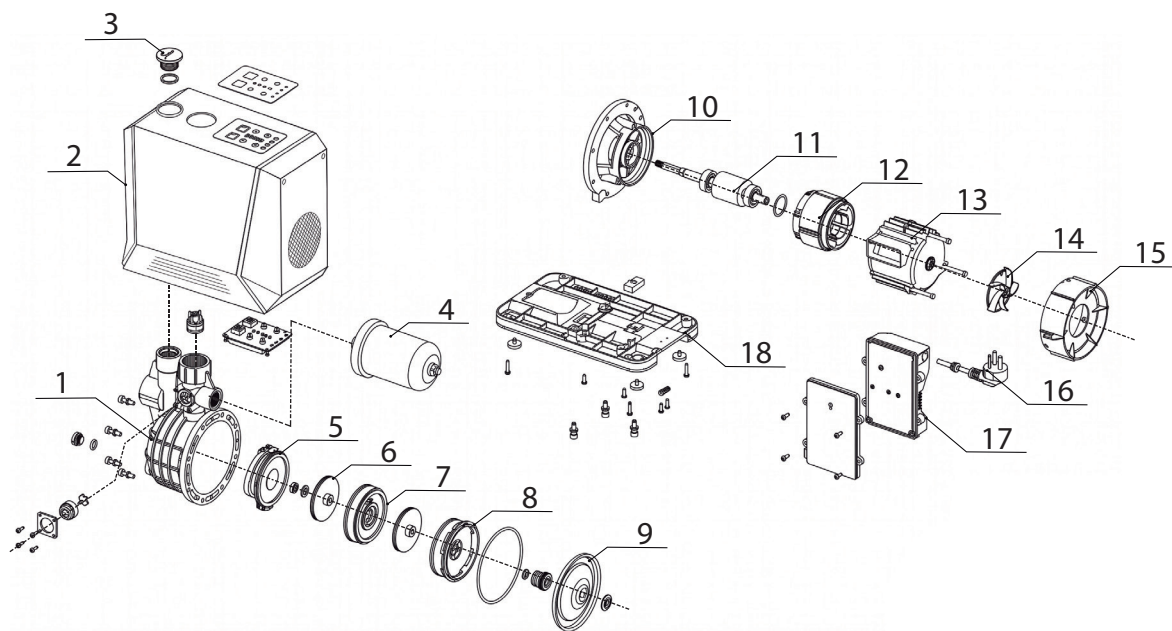
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EQ-800A SERIES

60 HZ

MATERIALS TABLE



NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump body	10	Frame
2	Cover	11	Rotor
3	Injection nut	12	Stator
4	Pressure tank	13	Motor housing
5	Inlet parts	14	Fan
6	Impeller	15	Cowl
7	Front diffuser	16	Cable
8	Rare diffuser	17	Terminal
9	Pump cover	18	Base

