



# EBV-II Intelligent Circulation Pump



## Function

Household wel water, tap water pressurization,domestic heating pressurization circulation.  
Comparing to conventional self-priming pumps, the shielded structure can effectively reduce the noise and water leakage problems.  
High and low temperature water can also be used to plav a two-way function: automatic booster circulation system.  
According to the actual usage, the user can perform the exchange of pressurization and circulation in the same water pump

## Application

This model can be used for all kinds of water using of household,hot water circulation, tap water pressurization,garden irrigation, vegetable greenhouse water supply, etc.  
EBV-II 15/45 power and head can be automatically adjusted according to the water demand to maintain a stable water output.

## Advantage

- Permanent magnet motor

Frequency conversion technology

Temperature control

Wifi function

Memory function

Constant voltage automatic function

Use hot and cold water at the same time--pressurization and circulation
- Protection functions: locked rotor protection

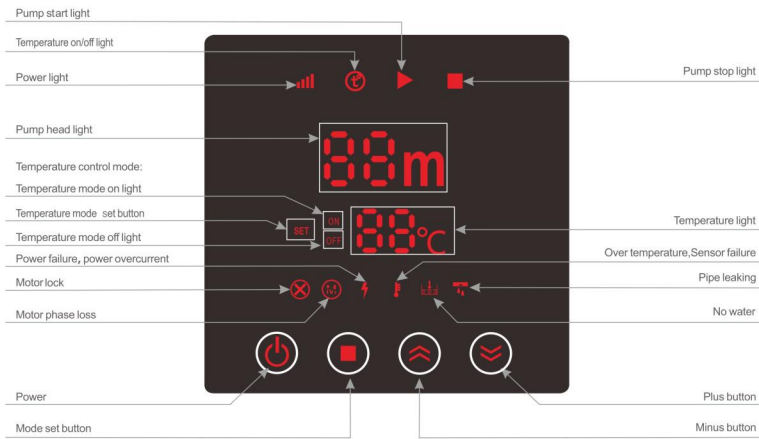
undervoltage protection

abnormal temperature reminder

waterless operation protection

water leakage protection

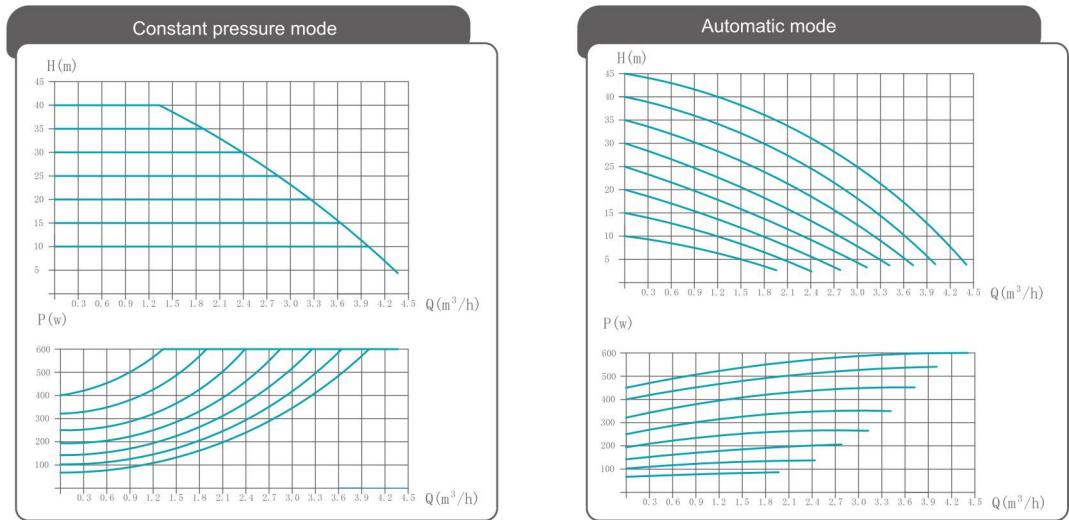
## Operating Interface



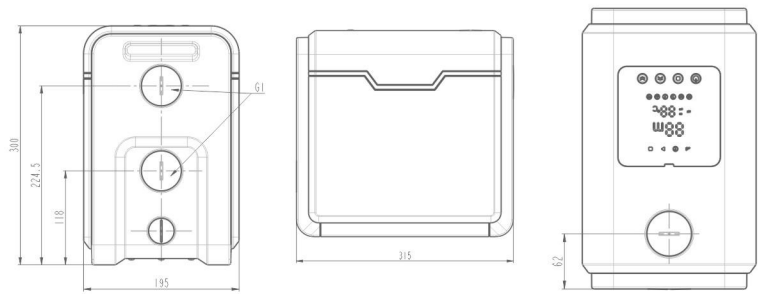
Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)
EBV-II 15/45	1"	2.5	25



Max. head (m)	Rated power (W)	Input power (W)
45	600	600

## Performance Curve



## Installation Dimension



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	
 The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.		
Pressure	bar	Mpa
Maximum system pressure	10	1
Maximum inlet pressure	3	0.3
 To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.		
Performance		
Maximum head	45m	
IP class	X4D (Outdoor installation)	
Pump liquid	Clean water	