



*Black Eagle*

Kuang Wei pump Enterprise Co.,Ltd

**KWH Series**

**CPU control constant pressure pumps of hot water**

### Pump structure

The KWH series constant pressure pump system is an all-in-one unit, which integrates motor, pump, accumulator, pressure barrel and pressure sense system compact with newest Microcomputer CPU. It is better than the conventional heater system. KWH series - the system control the water level more accurately and the water pump is much quieter than other conventional type water pump.



### Operation conditions

1. The KWH pumps clean water, without impurities.
2. Ambient temperature: max+40°C
3. Liquid temperature range: max+2°C~+90°C
4. Maximum discharge head:
  - KWH200 series 1.8kg/cm<sup>2</sup>
  - KWH400 series 2.2kg/cm<sup>2</sup>
  - KWH800 series 2.8kg/cm<sup>2</sup>

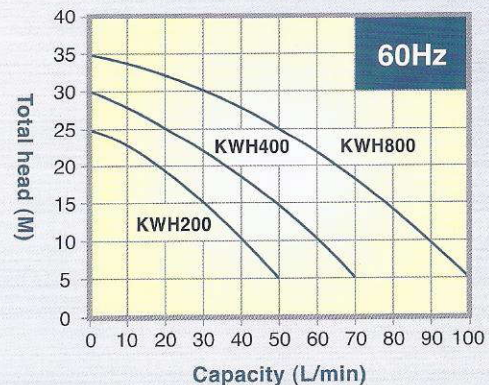
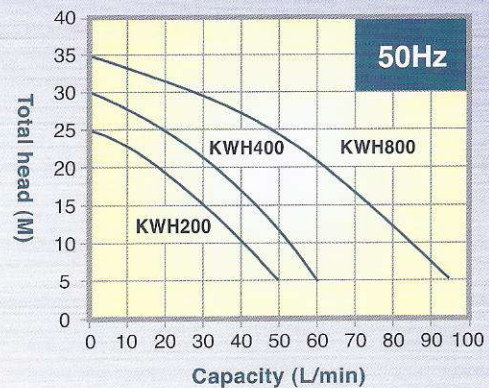
### Installation note

1. You must install the product in cool and dry area.
2. The pump must be installed to a water pipe or water tower.
3. When you install the pump to the water pipeline, the water pipeline must be clean, without rust or other impurities.
4. The power voltage must be 60HZ 110/220V, 50HZ 220V/240V.
5. You can choose to install the pump on the 1st floor or top of the building

### Action description

1. The KWH series water pump stabilizes the water flow during operation. It automatically turns "off" when the taps are turned off.
2. Without water supply, the KWH series pump will "power off" within 30 seconds. It will automatically detect the water supply every 30 minutes until water supply is resumed. Shut off the power if the normal water flow does not return within 5 seconds. Pump can also be started manually.

### Performance curves



### Specifications

Model	Inverter Power (HP)	Diameter in.(mm)	Voltage (V)	Amp's (A)	Cycle (Hz)	Max Pressure (kg/cm <sup>2</sup> )	Max Capacity (L/min)
KWH200	200W 1/4HP	3/4"(20)	210/240	2.0	50	24	48
			110/220	4.0/2.0	60	24	55
KWH400	400W 1/2HP	1"(25)	210/240	2.6	50	27	60
			110/220	5.2/2.6	60	27	70
KWH800	800W 1HP	1"(25)	210/240	5.0	50	35	100
			110/220	10/5.0	60	35	110