

CPU control constant pressure pumps of hot water

AWH Series

Pump structure

The AWH 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. AWH 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 AWH pumps clean water, without impurities.
2. Ambient temperature : max.+40°C
3. Liquid temperature range : max.+2°C~+90°C
4. Maximum discharge head :

AWH-200 series 1.8kg/cm²

AWH-400 series 2.2kg/cm²

AWH-800 series 2.8kg/cm²

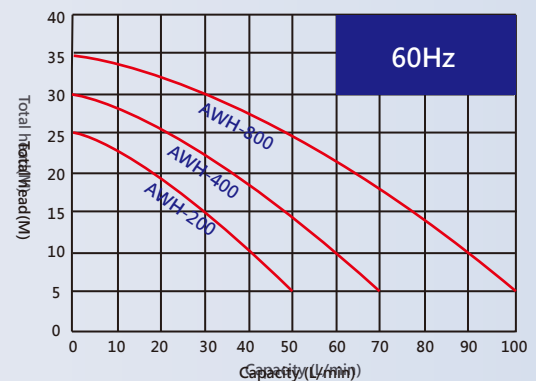
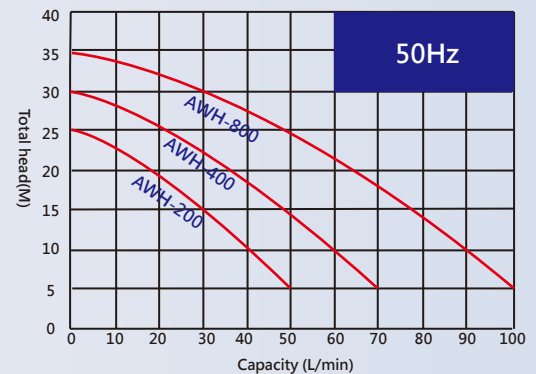
Installation note

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 AWH series water pump stabilizes the water flow during operation. it automatically turns "off" when the taps are turned off .
2. Without water supply, the AWH 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 ²)	Max Capacity (L/min)
AWH-200	200W 1/4HP	3/4" (20)	210/240	2.0	50	24	48
			110/220	4.0/2.0	60	24	55
AWH-400	400W 1/2HP	1" (25)	210/240	2.6	50	27	60
			110/220	5.2/2.6	60	27	70
AWH-800	800W 1HP	1" (25)	210/240	5.0	50	35	100
			110/220	10/5.0	60	35	110

CPU control constant pressure pumps AW Series

Pump structure

The AW series constant pressure pump system is a combination of pump and motor. A small diaphragm pressure tank, pressure sensor and high - tech CPU Controller, all incorporated into one constant pressure system.

Operation conditions

1. The AW series pumps clean water, without impurities.
2. Ambient temperature : max.+2°C~+40°C
3. Liquid temperature range : max.+2°C~+40°C
4. Maximum discharge head :
 - AW-200 series 1.8kg/cm²
 - AW-400 series 2.2kg/cm²
 - AW-800 series 2.8kg/cm²



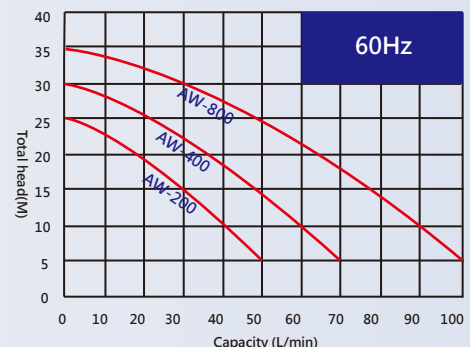
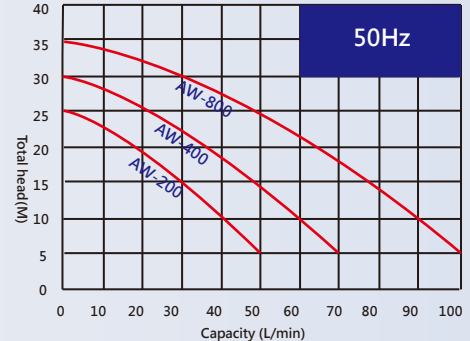
Installation note

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 AW series water booster pump stabilizes the water flow during operation. it automatically turns "off" when the taps are turned off .
2. Without water supply, the AW 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 ²)	Max Capacity (L/min)
AW-200	200W 1/4HP	3/4" (20)	210/240	2.0	50	24	48
			110/220	4.0/2.0	60	24	55
AW-400	400W 1/2HP	1" (25)	210/240	2.6	50	27	60
			110/220	5.2/2.6	60	27	70
AW-800	800W 1HP	1" (25)	210/240	5.0	50	35	100
			110/220	10/5.0	60	35	110