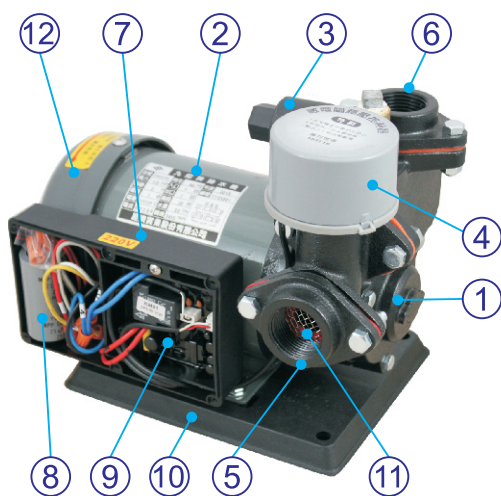


### ▲ Main Parts



1. Pump casing	7. Control box
2. Motor	8. Capacitor
3. Pressure switch	9. CPU board
4. Flow controller	10. Base
5. Inlet flange	11. Inlet filter
6. Outlet flange	12. Back cover

### ▲ Product Features

1. Build-in CPU control board. The pump will turn off automatically in 30 seconds if dry-running occurs. It can protect motor from burnout.
2. All-in-one booster pump unit, consisted of pump, motor, and CPU board. Heat-resistance material(Viton) for mechanical seal that can be used for hot water.
3. Stable water pressure provided. During showers, the water pressure won't change frequently which might cause water sometimes hot and sometimes cold.
4. Small size for space saving.

### ▲ Working conditions

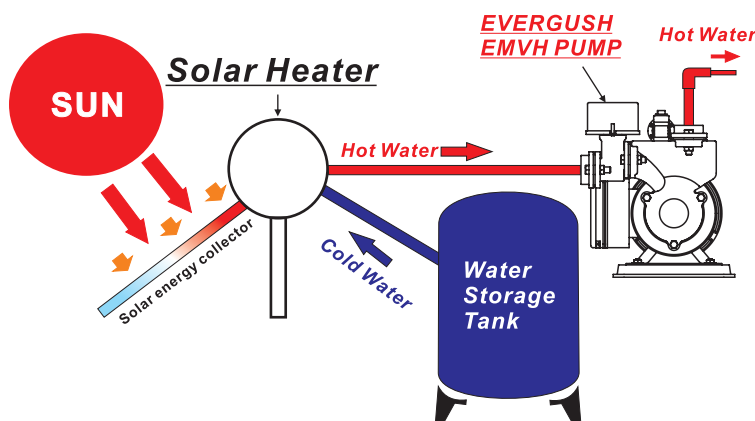
1. Ambient: Max.40°C.
2. Relative humidity: Max.85%(RH).
3. Liquid temp.: 0~90°C.
4. Working pressure: Max. 5 kg/cm<sup>2</sup>.
5. Before starting the pumps, the inlet pressure should not exceed pre-set pressure.
6. Suitable liquid: clean or non-corrosive liquid. Do not use it for underground water.

### ▲ Motor Spec.

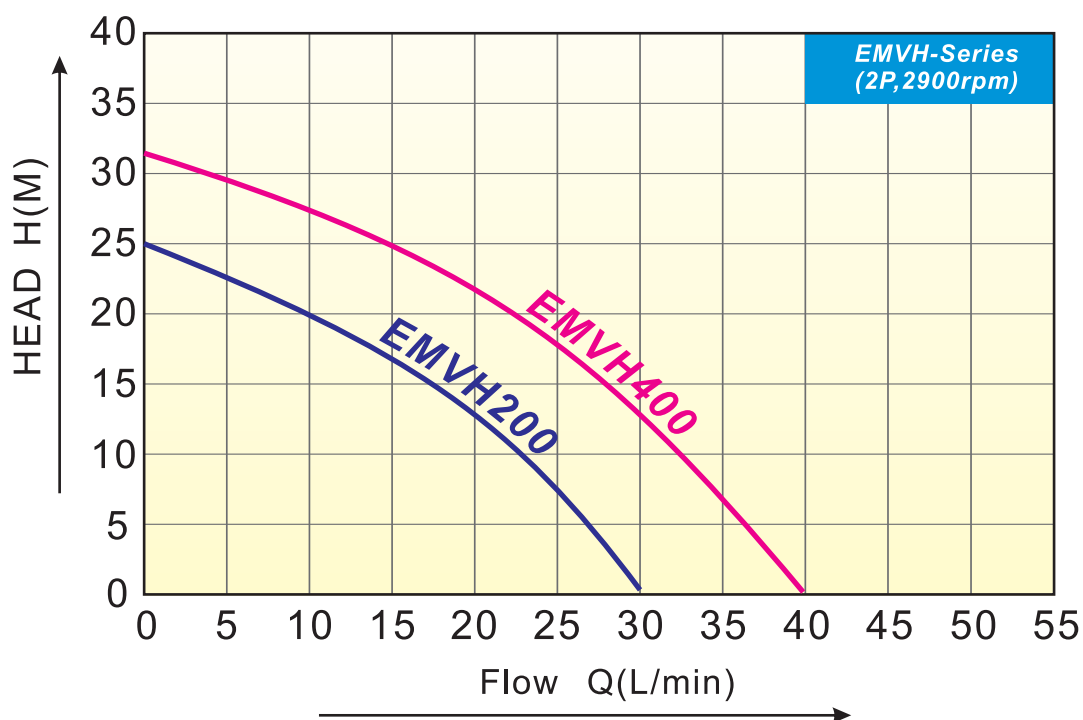
1. Voltage: Single phase only
2. Frequency:50Hz
3. Enclosed class: IP54
4. Insulation: B
5. Enclosed Fan cooled, 2 Pole motor.
6. Built in motor overload protector

### ▲ Applications

1. Water supply for bathrooms, washing machines and water heaters.
2. Water supply for barber shops and restaurants.
3. Boosting for water treatment equipments.
4. Hot water pressure boosting from solar heater.



#### Performance Curves

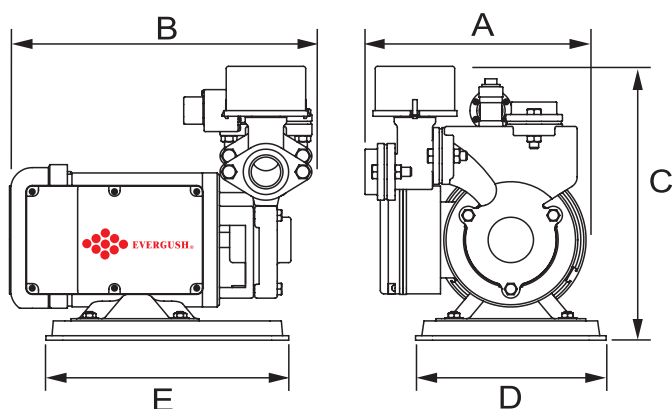


#### Specifications

Model	Power HP	Inlet/Outlet		Pole P	Phase Ø	Voltage V	Pressure set		Std. Head M	Std. Flow LPM	Max. Head M	Max. Flow LPM
		Inch	mm				On(bar)	Off(bar)				
EMVH200	1/4	3/4"	20	2	1	220~240	1.0	2.0	13	20	25	30
EMVH400	1/2	1"	25	2	1	220~240	1.2	2.4	20	22	32	40

Suction Lift: Max.4M

#### Dimensions



Model	Dimension (mm)					N.W (KG)
	A	B	C	D	E	
EMVH200	260	160	250	165	210	8.8
EMVH400	280	160	250	165	210	10.0