

# Low Noise, Water Heater Boosting Pump

Large flow rate, high pressure



## Boosting Water Pressure, More Stable Flow Rate

30% higher efficiency motor and rotor design



## ≤32db, Ultra-quietness

5dB adopting ultra-quiet design, lower than industry average



## More Reliable

Static sealing design, imported PPE, strict testing, no leakage forever

# C1



Pump A



Pump B



Pump C

## Typical Applications

- instant water heater, air can heater, constant temperature gas heater
- water dispenser, food pump, carbonation, beverage dispenser
- water cooling circulation, chillers
- boosting applications
- solar applications

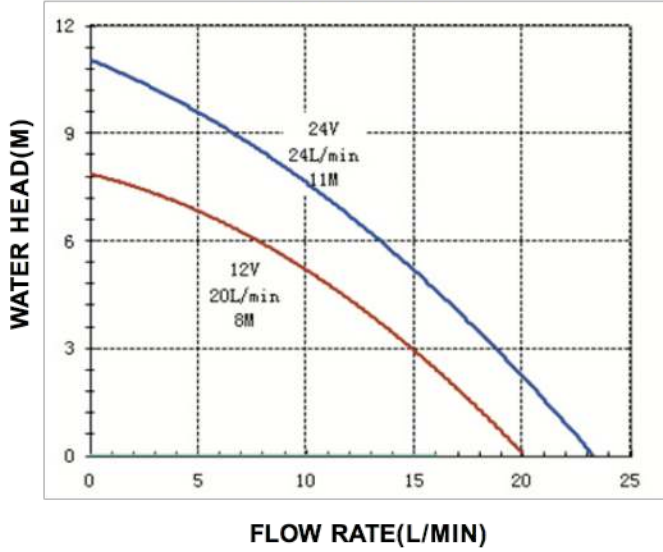
## Specification

Model	Product Code	Max Water Flow (L/Min)	Rated Voltage(DC)	Rated Current (A)	Max Water Head(M)	Rated Power(W)
C1-A	C1-A12-1706	17L	12VDC	2.2	6	26.4
	C1-A12-2008	20L	12VDC	2.8	8	34
	C1-A24-1908	19L	24VDC	1.5	8	36
	C1-A24-2411	24L	24VDC	2	11	48
C1-B	C1-B12-1606	16L	12VDC	2.2	6	26.4
	C1-B12-1908	19L	12VDC	2.8	8	34
	C1-B24-1808	18L	24VDC	1.5	8	36
	C1-B24-2211	22L	24VDC	2	11	48
C1-C	C1-C12-1706	17L	12VDC	2.2	6	26.4
	C1-C12-2008	20L	12VDC	2.8	8	34
	C1-C24-1908	19L	24VDC	1.5	8	36
	C1-C24-2411	24L	24VDC	2	11	48

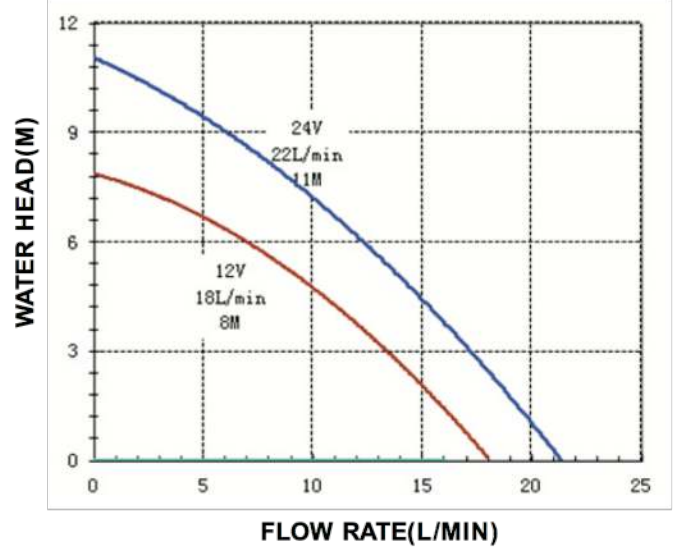
**Note:** 1.pump itself meet: /F,food grade 2. normal type liquid  $\leq 70^{\circ}\text{C}$ , /H high temperature type liquid  $\leq 105^{\circ}\text{C}$  can be customized for items of 12V:1706/H,1606/H & 24V:1908/H,1808/H. 3. /S submersible type can be customized, if submersible liquid should be  $\leq 50^{\circ}\text{C}$  4. /PV type by solar panel driven directly can be customized as: 12V (suit for solar panel 7V~24V), 24V (suit for solar panel 14V~32V). 5. FG(RPM) signal wire can be customized 6. PWM frequency speed control or 0~5V speed control can be customized.

# Curve

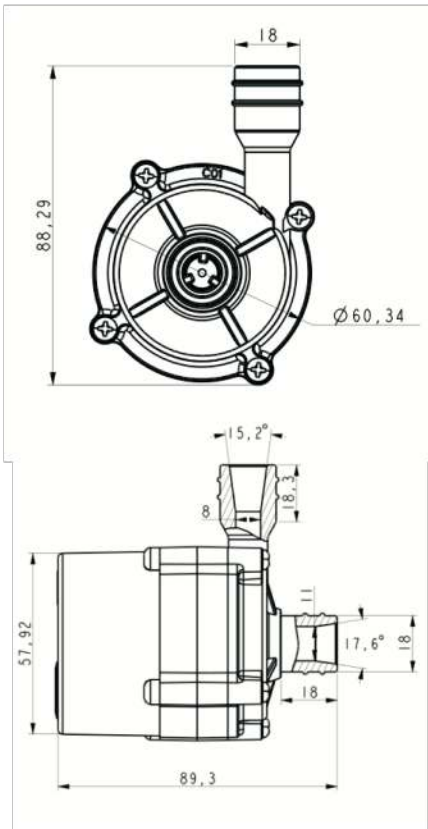
## C1 (PUMP A And Pump C) PERFORMANCE



## C1 (PUMP B) PERFORMANCE

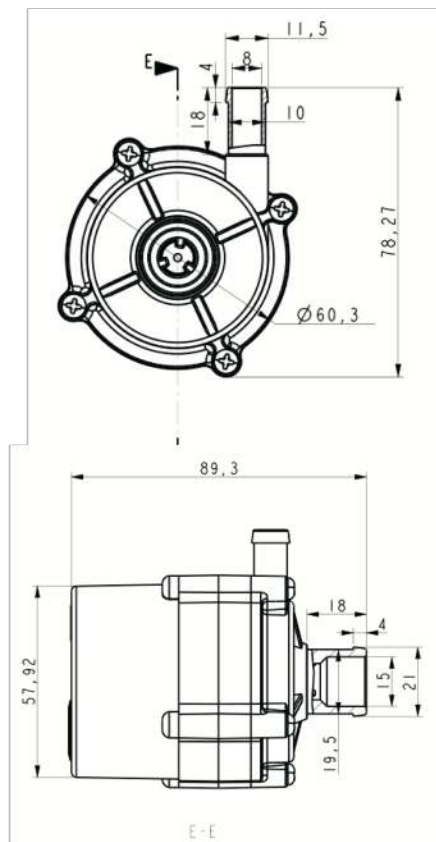


# Dimension



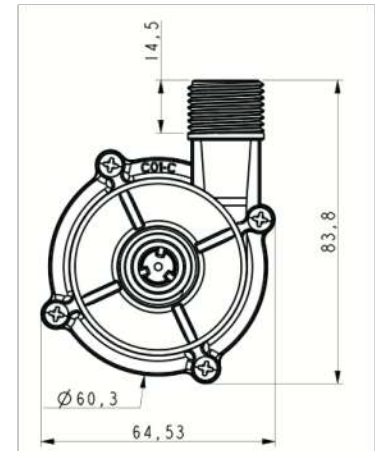
### Pump A

(circle nozzles  $\varnothing 18\text{mm}/\varnothing 18\text{mm}$ )



### Pump B

(barb nozzles  $\varnothing 19.5\text{mm}/\varnothing 10\text{mm}$ )



### Pump C

(thread nozzles G1/2)

