

# TL-C01

Micro DC Brushless Pump



## Typical Applications

- Water Heater Recirculating System
- Electric Instant Water Heater
- “Zero cold water” water heater
- Cooling Circulation System, Chiller
- Heating System, Gas Boiler
- Carbonated Beverage Machine
- Boosting Applications
- HVAC System
- General Purpose Pumping

## Features

- Large flow rate, high pressure
- No Leakage, more reliable
- 20,000 hours long working life
- 40dB(A), super quiet
- Intelligent control

## Specification

Model	Product Code	Rated Voltage (VDC)	Max Water Flow (L/min)	Max Water Head (M)	Rated Current (A)	Rated Power (W)	At Max Efficiency Point	
							Rated Spec. (L/min @ M)	Rated Power (W)
TL-C01-C	TL-C01-C12-2008	12	20	8	3.2	38.4	12.07 @ 4.6	34.2
	TL-C01-C24-2411	24	24	11	2	48	13.57 @ 6.7	43
TL-C01-D	TL-C01-D12-1908	12	19	8	3.2	38.4	11.66 @ 4.51	34.3
	TL-C01-D24-2211	24	22	11	2	48	12.84 @ 6.46	43.4
TL-C01-E	TL-C01-E12-2008	12	20	8	3.2	38.4	12.07 @ 4.6	34.2
	TL-C01-E24-2411	24	24	11	2.15	48	13.57 @ 6.7	43

Customization: 1. /PWM or /5V speed control 2. /FG (RPM) signal wire 3. /S Submersible, liquid ≤ 50°C

- The data in the table is the measured performance when pure water is delivered at normal temperature.
- The maximum flow rate is the flow rate when water head is 0 meter, and the highest lift is the lift when water flow is 0 L/min.
- Noise ≤ 40dB(A)
- Working mode: Continuous operation under 75°C liquid temperature, 100°C intermittent operation
- IP level: IP68
- Coil Insulation class: Class F
- Ambient temperature: -40°C ~ 40°C
- Liquid temperature: -40 °C ~ 75°C (continuous), 100°C (interrupt)
- Do Not Run Pumps Dry.
- Pumps must be in a continuous flooded suction environment.

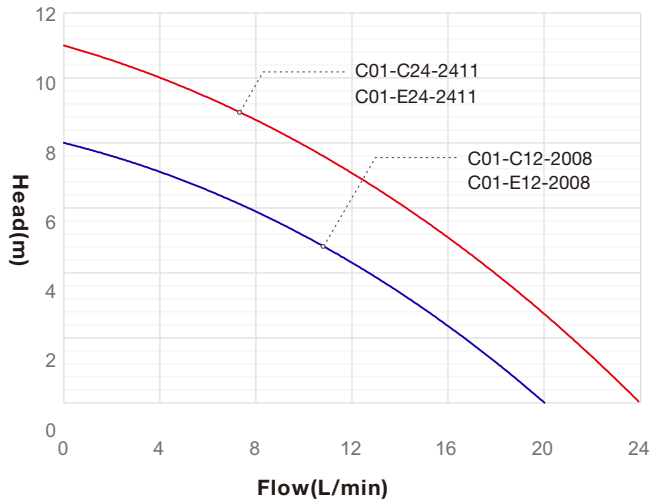
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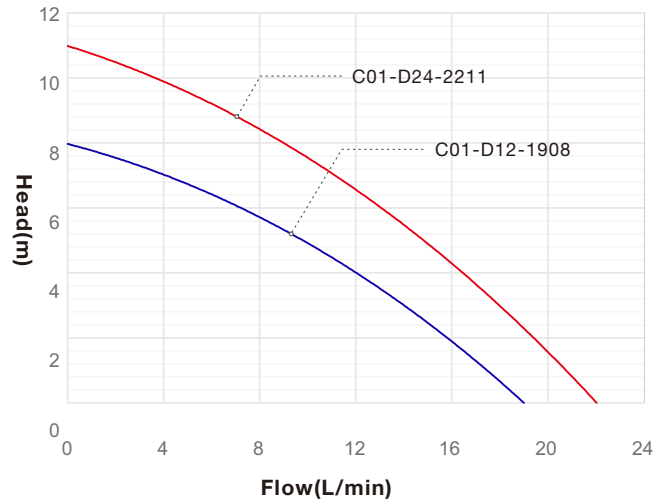


## Curve

TL-C01-C/E Performance



TL-C01-D Performance



## Dimension (mm)

Note: pump A / B / TC lead wire pls refer to C / D / E type pump

