

12V Food Safe Water Pump VP40K

Application

- Water Dispenser.
- Coffer maker.
- Hot water heater
- Water Purifying Machine.
- Juice machines.
- Other drinking water equipment.

Feature

- Can endure 100°C high temperature.
- Ceramic sleeve ceramic shaft Long life Low noise. rotation clogging protection .
- Can be customized meet FDA standards .
- Closed impeller, high pressure.
- Lack water protect function.
- PWM/0~5V speed control function [optional].



Parameter

Parameter (only for reference, it can be customized)

| Model | Voltage | Rated Current | Max flow | Max head | Power |
|---------|---|---------------|----------|----------|-------|
| | V | A | L/MIN | M | W |
| VP40K | 12 | 0.65 | 7.5 | 3.5 | 8 |
| | 24 | 0.55 | 9 | 5 | 13 |
| Remarks | The parameters above are for reference only, the one based on the customer's endorsement demands shall prevail! | | | | |

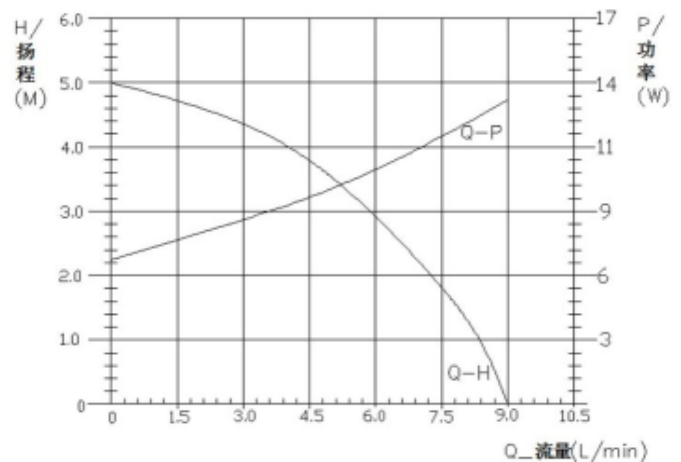
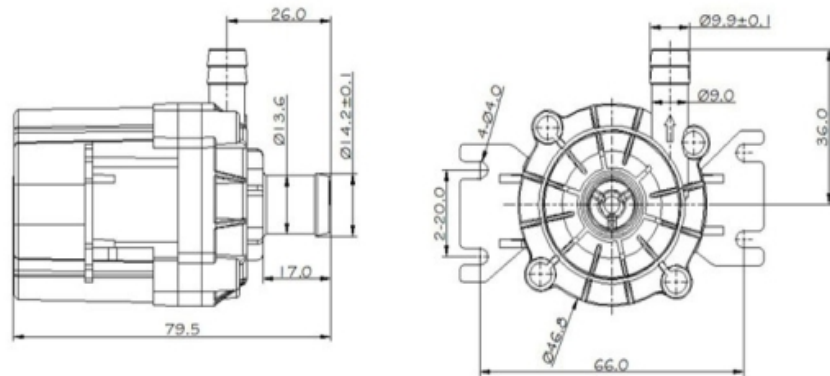
Specification

Specs

| NO | Items | Specs |
|----|-----------------------|---|
| 1 | Sizes | 79x68x45 |
| 2 | Dimension of inlet | 14.2mm |
| 3 | Dimension of outlet | 9.9mm |
| 4 | Pump material | PPE |
| 5 | Condition of use | Continuously |
| 6 | Fluids | Water, oil [Provide acid and alkali solution] |
| 7 | Ambient temperature | -25~70°C |
| 8 | Max fluid temperature | 0~100°C |
| 9 | Power consumption | 8W~13W |
| 10 | Rated voltage | 12V/24V/ |
| 11 | Voltage used | 8Vdc ~20Vdc, 12Vdc ~ 30Vdc |
| 12 | Noise | <40dB |
| 13 | Water proof class | IP55/IP68 |
| 14 | Life span | More than 20000hrs |
| 15 | Power supply | Solar panel; DC electric source; battery |

Notice

- Runs in the condition of the pump chamber without liquid is not allowed.
- Reversely connects the power polarity is not allowed.
- Filter measures should be taken when used in foul water environment.
- Runs in the acid and alkali environment is not allowed.
- Ambient temperature and fluid temperature should be within the rated temperature.



Dimension

Head-Flow curve graph