

## ZCM SERIES CENTRIFUGAL PUMPS



Pressure Sensor

Flow Sensor

ZCM

**Product use**

ZCM series is the auto cold water and hot water turbine self absorbing pump newly designed by the company. The series of electric pumps is widely used in living water taking, water taking from bottom of wells, press-uring of tap water, The pump can work in a highly efficient high-voltage, it provide premium quality service to individual users, the latest pumps are reflected the characteristics in any details.

**Advantages**

PC chips are fixed, the high-tech intelligence operation of water pumps is realized for the first time.

As the pressure control system enters the status of protection, it automatically shifts to the flow control system to ensure normal water supply of the water pump.

**Pressure switch or pressure sensor**

The size of pressure determines the pump on or off. when the pressure of the water pipe is less than the lower Limit of the switch, the pump running; when the pressure of the water pipe is great than the top limit of the switch, the pump stops running. the upper and lower limits of the switch can be adjusted within the adjustment range. microswitch silent startup and more reliable.

**working conditions**

(Electric pump should be able to work normally and continuously under the following conditions)

- 1、ZCM type transmission medium temperature of not more than 0-100℃
- 2、Medium PH value between 6.5-8.5
- 3、The solid impurities in the volume ratio no more than 0.1%, particle size less than 0.2mm
- 4、Then power frequency is 50Hz, voltage of single-phase AC 220V, 380V three-phase AC. Voltage fluctuation range of 0.9-1.1 times the rated value
- 5、when then temperature is below 0.℃, should make anti freezing, when the pump is not use, open the waterproof screw on bottom of the pump body, drain water, in order to avoid cracking of pump body.

Reserve: Before automatic use, make sure the pipeline without leakage.

**TECHNICAL DATA**

| Model       | Power(W) | Capacitor(μF) | Current(A) | H.Max(m) | S.Head(m) | Q.Max (L/min) | Pipe dia(m) | Recommend the use of floor |
|-------------|----------|---------------|------------|----------|-----------|---------------|-------------|----------------------------|
| ZCM63-200A  | 200      | 8             | 2          | 25       | 9         | 33            | 1"×1"       | 2nd floor or below         |
| ZCM63-300A  | 300      | 8             | 2.5        | 30       | 9         | 33            | 1"×1"       | 3rd floor or below         |
| ZCM63-400A  | 400      | 10            | 2.7        | 35       | 9         | 41            | 1"×1"       | 4nd floor or below         |
| ZCM71-600A  | 600      | 20            | 4.5        | 40       | 9         | 50            | 1"×1"       | 4nd floor or below         |
| ZCM63-800A  | 800      | 25            | 6          | 50       | 9         | 58            | 1"×1"       | 8nd floor or below         |
| ZCM63-1100A | 1100     | 30            | 8          | 60       | 9         | 99            | 1"×1.5"     | 12nd floor or below        |

**Standard data and equipment:** single phase 220V/50Hz, Brass impeller, carbon steel motor shaft, with motor protector inside.

Others model and material such as three phase, 110V, 60Hz, dual voltage, stainless steel shaft, etc, will be available upon request.