

## Specifications

This controller is suitable for commercial domestic heat pump

Automatic control constant temperature

Intelligent defrost 、 air source control

Simple operation

## **RBZH0000-0329E005**

**Double system air source cycle or instant heating water heat pump Controller**

### **General:**

This controller is designed for domestic heat pump heat pump , suitable for air source cycle or instant heating water heat pump. Double compressor control , with strongly system protection ,has pass EMC industrial standard certificate. The controller with advance functions and groundbreaking applications for the HVAC market.

### **Features:**

- 1、 With LCD display , quick parameter setting, easy operation
- 2、 Intelligent defrost control mode, more stable and energy saving,
- 3、 Power off memory function
- 4、 EEV control function
- 5、 Working modes: Heating mode
- 6、 With three phase function
- 7、 Three fans control
- 8、 Cool water compensate ,Return water ,water delivery function
- 9、 Eleven way control output: Compressor ,Cycle water pump, Fan motor...etc
- 10、 Eight way sensor input: Water tank temperature sensor, evaporator temperature sensor, Climate temperature sensor, Current sense...etc
- 11、 Seven way switch input : Compressor high pressure switch ,Compressor low pressure switch ,Water flow switch...etc

### **Technical parameters:**

- 1、 Measuring range:-30°C~99°C
- 2、 Controlling range:-30°C~99°C;
- 3、 Accuracy:-30°C~50°C,±1°C±0.5dig; others, ±2°C±0.5dig
- 4、 Mounting size: 180×125×20mm
- 5、 Power supply: 380V or 220±10%(VAC), 50/60Hz
- 6、 Power consumption:<12W
- 7、 Storage temperature:-25°C~50°C
- 8、 Sensor type: NTC(5K /25°C,B value 3470K;)
- 9、 Port output capacity:  
Compressor: 5A/250VAC  
Cycle water pump: 30A/250VAC  
Others: 5A/250VAC

10、 Product list: RBZH0000-0329E005 (1pcs), LCD display(1pcs), Connect wire(1PCS), Transformer(1PCS), temp. sensor(8PCS).



### Application

