



## Instruction

### Product description

QD53 is our newest product of universal control system. High quality, full function, it is definitely your best choice to replace the original.

Thanks for choosing our product. It's our best wish to bring your life convenience. Please read the "Instruction" carefully before use, it will help you to use the control system correctly.

### Product feature

- ▶ Strong power supply, wide working voltage: AC100-240V 50 / 60HZ.
- ▶ Three fan speed: high, middle, low.
- ▶ Luxury receiver, nice looking, work state displayed directly.
- ▶ Double stepper motor socket, various installation choices.
- ▶ Double sensors, high efficient defrosting protection.
- ▶ Examine fault by itself.
- ▶ Five work mode.
- ▶ Colorful sensor sockets, more easy to separate.
- ▶ Accurate and stable temperature control.
- ▶ Pipe protection for higher or colder temperature.
- ▶ Prevent code wind in heating mode.
- ▶ Auto defrost.
- ▶ Accurate and stable auto fan.
- ▶ Sleep function.
- ▶ Timer on/off.

### Notice

- 1、 **There will be 3 minutes after the compressor shut down.**
- 2、 Please hire the professionals with certificate to install. It has to pass the power test. Any damage due to the incorrect installation shall not guarantee.
- 3、 This production is not available for inverter air condition. ▲

### Fittings list

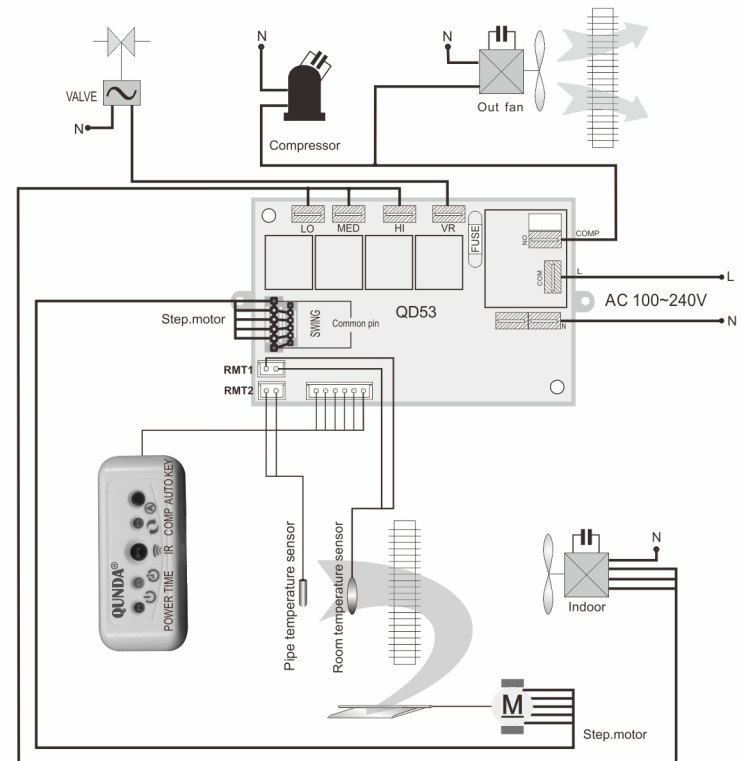
Name	Quantity
PCB	1
Displayer	1
Sensor	2
Remote	1
Terminal	1
Instruction	1

### Company information

**QUNDA Control Technology (Jiangsu) Co., Ltd.**  
 Address: No.888 LongQiao Road, WuJiang District,  
 SuZhou, China  
 Post code: 215200  
 Web site: www.qunda.com

★ The final explanatory right is reserved this company. Any alteration on the design and model will not be further notified.

## QD53 CONNECTION SKETCH



- 1、 Please note the 7805 temperature on the system. If the temperature is too high, please check connection is right.
- 2、 The common pins of swing socket are 12V output. The common pin of step motor should be inserted into one of the common pins of swing socket. If the direction of step motor is wrong, insert the common pin of step motor to other common pin of swing socket.

### Instruction

**Explanation:** There will be 3 minutes to restart after the compressor down.

**Work mode selection:** Select the work mode. When working economically, if the room temperature is below 21 °C, the mode is heating. If the room temperature over 27 °C, the mode is cold.

**Fan speed selection:** Four speed mode of auto, high, middle, low. When dry mode, the fan speed is always low.

**Temperature setting:** Setting arrange: 16-30 °C. When working economically and dry mode, this key void.

**Timer selection:** Select timer on/off or no timer.

**Timer setting:** Setting arrange: 1-16h.

**Swing selection:** Select the swing moving or not.

**Sleep control:** Auto shutdown after 8h.

**Over cold/heat:** When working economically, press over cold/heat once, it means the setting temperature increase or decrease 1 °C.

**Power on/off:** Select power on/off.

### Displayer instruction:

**Power light (red):** It will be bright when power on, lights out when power off.

**Timer light (yellow):** It will be bright when timer on/off or sleep, lights out when cancel the timer or time up.

**Compressor light (green):** It will be bright when the compressor works.

**IR receiver:** Receive the IR signal from the remote.

**Emergency auto key:** You can turn on/off the A/C without the remote

### Fault self-diagnosis:

Fault	Light state
Indoor temperature sensor fault	Red light flash
Indoor pipe temperature sensor fault	Yellow light flash