

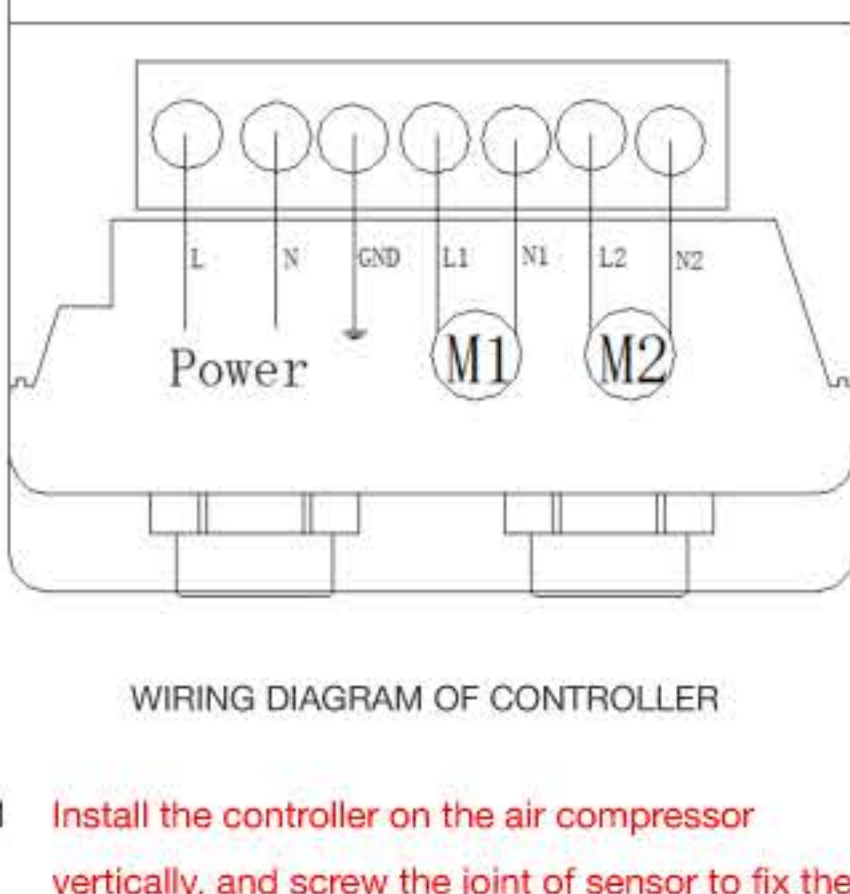


Model	Intro
CYA-B2	Max pressure: 8.0Bar; Max power: 220V->2.0KW; 110V->1.0KW;
CYA-X2	Max pressure: 8.0Bar; Max power: 220V->2.0KW; 110V->1.0KW;

1. FUNCTION INTRODUCTION

- 1.1 Real-time display of pressure, current and voltage.
- 1.2 Real-time monitoring of over-voltage, under-voltage and over-current. Abnormal immediately alarm and display the corresponding error code.
- 1.3 Four air pressure range free to switch.
- 1.4 Automatic drainage reminder.
- 1.5 Record running time.
- 1.6 Two standard operating voltage(220V/110V) can be free to switch.
- 1.7 Two pressure units(Bar/Psi) can be free to switch.

2. INSTALLATION GUIDE

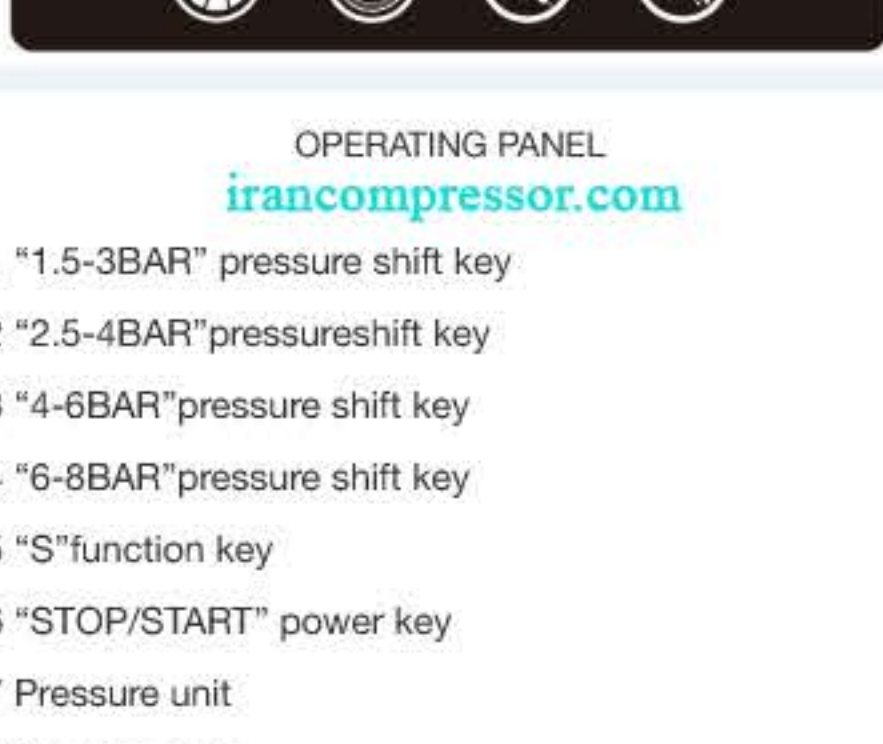


WIRING DIAGRAM OF CONTROLLER

- 2.1 Install the controller on the air compressor vertically, and screw the joint of sensor to fix the controller.
- 2.2 First start: All valves must be closed. Open the equipment to achieve the maximum pressure, then can be used for normal use. If there is the alarm phenomenon of over-current, locked-rotor and so on for the first time to start the equipment, reset to the factory settings before the operation above.

3. OPERATION PANEL & BUTTONS

3.1 OPERATION PANEL INTRODUCTION

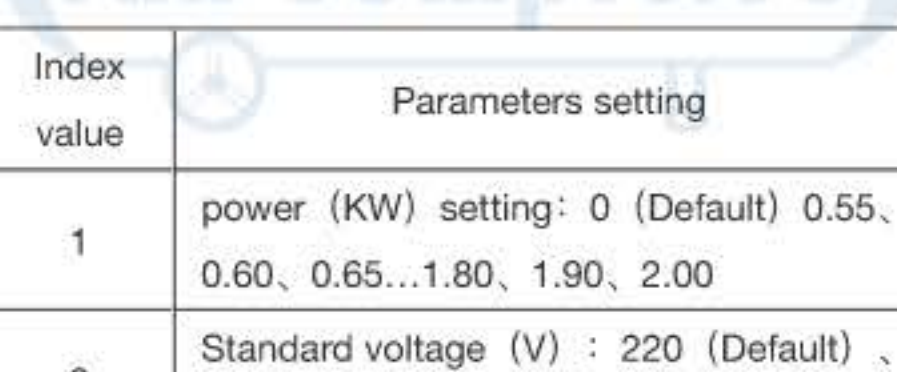


OPERATING PANEL

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- 1 "1.5-3BAR" pressure shift key
 - 2 "2.5-4BAR" pressure shift key
 - 3 "4-6BAR" pressure shift key
 - 4 "6-8BAR" pressure shift key
 - 5 "S" function key
 - 6 "STOP/START" power key
 - 7 Pressure unit
 - 8 Running state
 - 9 Indicator light of air-end "1"
 - 10 Indicator light of air-end "2"
- ### 3.2 BUTTONS INTRODUCTION
- 3.2.1 Setup interface: Long press the "S" button 3s to show setup interface. Click the "S" button to switch settings.(Tables 1)
 - 3.2.2 Save settings: a) Long press the "start/stop" button and "S" key 3s at the same time to save the parameters. b) After setting the parameters, wait for 10s, it will automatically exit from the setup interface and save the parameters.
 - 3.2.3 Factory setting: Long press the "start/stop" button, "S" key and "6-8BAR" key 5s at the same time to restore the factory default settings.
 - 3.2.4 View current, current voltage, reference current: In no set state, click the "S" key to loop display.
 - 3.2.5 Switch pressure unit: Long press the "S" key 3s to switch pressure unit (Bar /Psi).
 - 3.2.6 Set pressure range: "1.5-3Bar" key pressure range 1.5-3Bar, "2.5-4Bar" key pressure range 2.5-4Bar, "4-6Bar" key pressure range 4-6Bar, "6-8Bar" key pressure range 6-8Bar.
 - 3.2.7 Remove alarm: "click press "start/stop" button to remove

APPENDIX: AIR PRESSURE SETTING INTERFACE ILLUSTRATION, INDEX VALUE AND SETTING PARAMETERS RELATIONAL TABLES



AIR PRESSURE SETTING INTERFACE

[1.Index value 2 .Parameter setting value]

Index value	Parameters setting
1	power (KW) setting: 0 (Default) 0.55、0.60、0.65...1.80、1.90、2.00
2	Standard voltage (V) : 220 (Default) 、110

INDEX VALUE AND SETTING PARAMETERS

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4.ALARM PHENOMENON

4.1 Phenomenon one:

The front of the display pressure value flashing "A", indicating that the motor is in "over-current" or "locked" state, Reboot after troubleshooting;

4.2 Phenomenon two:

The front of the display pressure value flashing "U", indicating abnormal voltage, is in "overpressure" or "undervoltage" state, click "S" button twice to check the abnormal voltage value. Reboot after troubleshooting;

4.3 Phenomenon three:

The front of the display pressure value flashing "P", indicating that the air compressor needs drainage. The mark will disappear automatically after draining;

5.SECURITY MATTERS

5.1 Reminder

Be sure to note the following safety rules in all processes using this controller. The company shall not be responsible for any personal injury or property loss as a result of violation of the provisions.

5.2 Do not operate in an explosive environment

Do not use the instrument in place where there are flammable and explosive materials. In this environment, the use of any electrical equipment are likely to cause



CYA Series(Two Unit)

Wiring in strict accordance with the drawings. It is forbidden to connect multiple air-end to the same terminal.

5.4 Earth wire

Ensure that the earth wire is connected before turn on the power to prevent electric shock.

5.5 Power supply

Energize the controller and ensure that the supply voltage matches the rated voltage.

5.6 Please do not remove any shell part without authorization

It works with high voltage in some parts of the controller, do not take off the controller shell or any part of the controller mainboard without special permission.

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