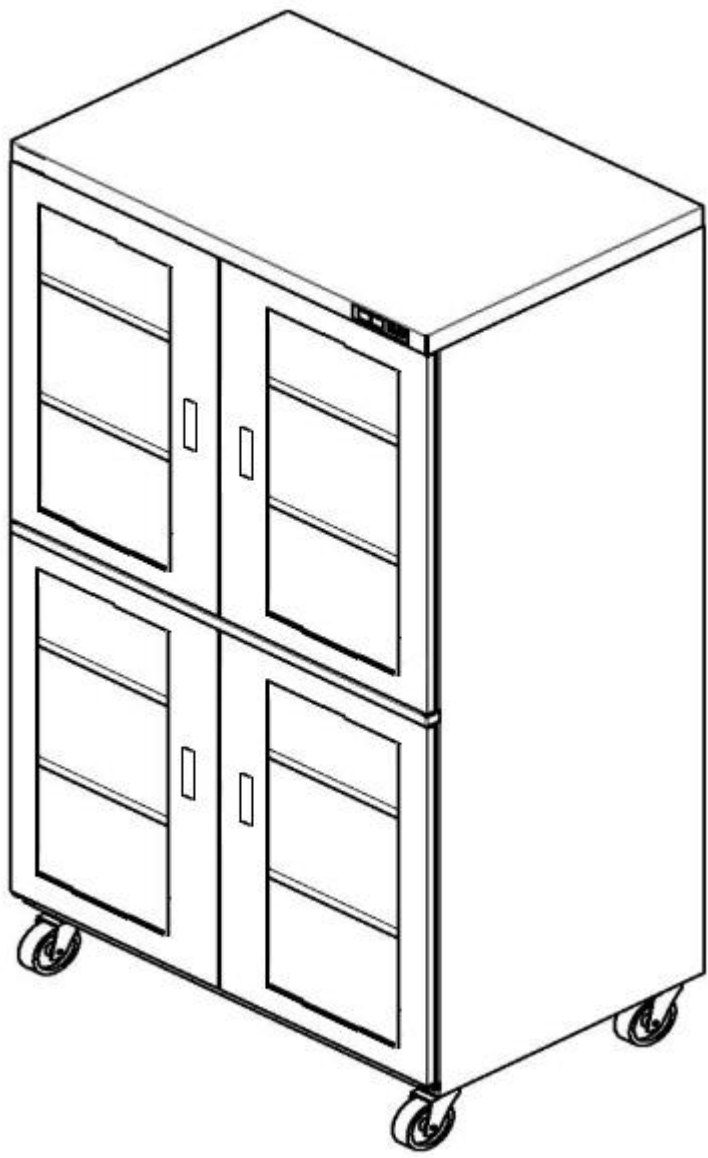


Please read this instruction carefully before using the cabinet to make the best performance to avoid unnecessary losses.

Electronic moisture-proof cabinet and nitrogen cabinet instruction



Pre-use instructions

Display Introduction

Nitrogen cabinet instruction-

Application scope and storage reference

Moisture-proof box model list

Moisture-proof box operating Principle and Electrical parameter

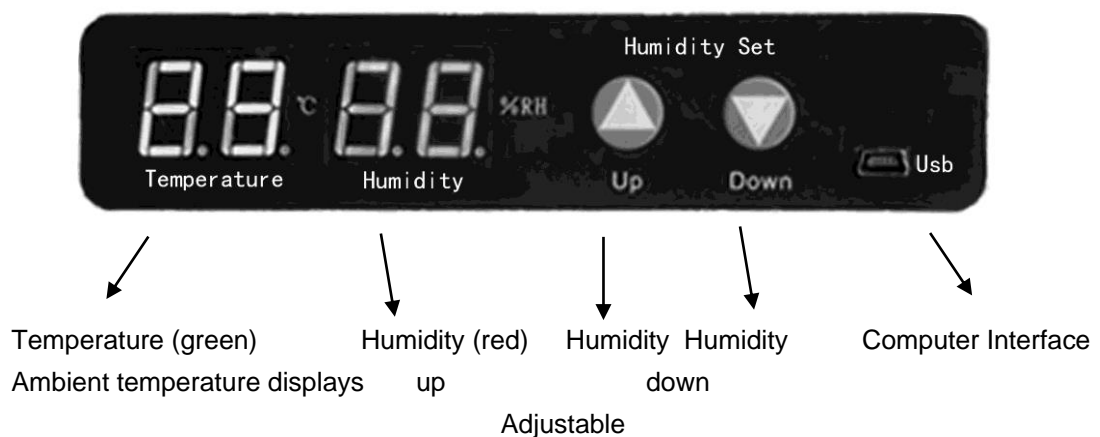
Friendly Tips

Pre-use instructions

1. Please read the corresponding instructions of the product carefully when using the product for the first time. The factory will not take any responsibility if you do not follow the relevant instructions and cause problems.
2. Make sure the Moisture-proof cabinet be placed on a horizontal and firm surface, adjusting the levelers to a balanced position.
3. Connect the wires, connect the hosts in series, Plug in the power supply (220V 50Hz)
4. Humidity setting, LED has two group of display after power on, the left green shows the current temperature, it's unadjustable, the right red shows the current humidity, it's adjustable. If you need to adjust the humidity, please press the UP or DOWN button, a set of numbers will appear on the red LED, which is the current set humidity level. Each press of the UP button means the set value plus 1, and each press of the DOWN button means the set value minus 1.
5. Please don't locate this machine near the air outlet (next to the air conditioner, the exhaust fan, under the fan, doorway, etc.) and the locations with a lot of smoke and water vapor, which will affect the machine's moisture control effect.
6. Please put the machine in the room where the sunlight cannot be directly exposed.
7. Leave a space about 20cm between the cabinet and the wall to keep a good moisture control effect.
8. Please run the cabinet empty for more than 12 hours and make sure the humidity drops to a lower level if first power-up(220V/50HZ) and use again after a long time without use,
9. When customer receives the machine and uses it for the first time, the humidity inside the cabinet may be relatively low due to the dehumidification of the movement in transit.
10. When putting goods in, please do not lean close to the dehumidifier core, and the drainage hole should not be stuck by small items, leave some room for dehumidifier core to avoid the dehumidification effect to be affected.
11. When putting goods in, please do not lean close to the dehumidifier core, and the drainage hole should not be stuck by small items, leave some room for dehumidifier core to avoid the dehumidification effect to be affected.

12. When putting goods in the machine for the first time, it will take a little longer to reach the humidity you set due to the large number of items placed or the moisture contained. Furthermore, please try to shorten the door opening time to make the humidity in the cabinet will not rise too high when picking up and placing goods.
13. When storing foodstuffs and chemicals, please pack them tightly to avoid stringing door and affecting moisture absorption.
14. For customers who need medium and high humidity, it is recommended to open the cabinet when the humidity is low in winter. Because the core will continuously dehumidify, it will heat up the core when stable humidity is needed, long time rewet will rise the temperature inside the cabinet.
15. Dehumidifier core of red and green indicator light when on and off is a normal phenomenon

Display Introduction



Energy-saving nitrogen cabinet series

Instruction

1. The nitrogen cabinet must be placed on a horizontal and firm surface, if there are universal casters, please press down the brake pads of the two front casters with brakes.
2. Plug in the power (110V-220V), adjust the humidity value to the desired humidity level. LED has two groups of display after power on, the left green shows the current temperature, it's un-adjustable, the right red shows the current humidity, it's adjustable. If you need to adjust the humidity, please press the UP or DOWN button, a set of numbers will appear on the red LED, which is the current set humidity level. Each press of the UP button means the set value plus 1, and each press of the DOWN button means the set value minus 1.

1. 3.The default humidity start of nitrogen cabinet factory setting is 5 points lower than the set value. For other values, please contact us in advance. 5 points, 4 points and 2 points are available.
3. Flowmeter has been adjusted before shipping, no need to adjust again, Simply connect your company's air source to the flowmeter, turn on the air source switch to use.
4. It is highly recommended to use dry, clean gas without impurities, On the one hand, it will not adversely affect the products placed in your company, on the other hand, if you use wet, magazine-containing gas, it will cause great damage to the nitrogen control system and seriously affect the service life of the nitrogen cabinet.
5. After power on, the nitrogen cabinet itself will have a slight "pop" sound, which is the sound of the solenoid valve switch, is a normal phenomenon, solenoid valve type: DC12V.
2. Alarm lights (optional)
3. Working voltage DC12V, working mode: red light is on when it is higher than the set value, and the alarm sounds at the same time, the alarm sound can be controlled by the switch.

Scope of application and storage reference

Relative Humidity	Example of keeping the suitable humidity
50%—40%	Cameras, video cameras, lenses, microscopes, magnifying glasses, telescopes, magnetic tapes, magnetic (optical) disks, recording tapes, film, positive and negative negatives, musical instruments, stamps, furs, Chinese herbs, tea, coffee, cigarettes, books, antiques, paper money, antique books, drawings, design materials, etc.
40%—20%	Precision molds, precision instruments, electronic parts, precision gauges, semiconductor products, special capacitors, tungsten wires, batteries, optical films and instruments, printed circuit boards, photoreceptors, chargers, optical lenses
< 20-25%	Experimental herbs, chemical powders, samples, filters, models, seeds, pollen, dried flowers, tea, coffee, seaweed products, spices, dried food
<10-15%	Special chemicals, precision electronic components, BGA, IC, etc.

list of moisture-proof box

Model	External dimensions W*D*H (mm)	Internal dimensions W*D*H (mm)
160	450*450*1010	440*420*910
240	600*400*1250	590*370*1150
320	900*450*1010	890*420*910
435	900*600*1010	890*570*910
540	600*750*1485	590*720*1385
870	900*600*1900	890*570*1800
1428	1200*710*1940	1190*680*1810
1436-4	1200*710*1910	1190*680*1810
1436-6	1200*710*1910	1190*680*1810

Various models of boxes are available with 1-10%, 10-20%, 20-60% and other humidity levels, as well as nitrogen cabinets

Electrical parameters of dehumidifier core

Rated voltage 220v±5%, frequency 50hz, peak current 2.5 A, stable heating current 0.7-0.8A, heating power 154- 176W, idle power 3-5w.

Friendly reminder

Please check before the repair service

Damp-proof cabinet does not light up	Confirm that the plug board has power
	Plug in tight
	Are the power cables connected to multiple movements well
	New machine assembly, personnel negligence, internal signal lines are not inserted
Humidity does not drop or drops very slowly	After a long period of use, suddenly not light up, It could be broken
	Please move the machine to a place where the wind does not blow if it is near the air outlet.
	Place too many items, and the items contain moisture and require a longer time to dehumidify
	The display lamination is deformed and air enters, affecting the display (the probe is on the display)
	If the humidity value is not set, press "down" to set to the desired humidity value.
	When first power on, the movement is full of moisture in the outside world, and it takes a longer time to discharge moisture, and then dehumidify
	If use too long time, dehumidification materials would beyond its life, it needs to replace dehumidification materials.
Please send the dehumidifier core back to the original factory for repair if it's broken,	

After checking the above terms, it can be confirmed that the dehumidifier core is faulty, please remove the 6 fixing screws of the core and send the complete core to us.