

## Oxygen Concentrator

### Operation Guide



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## Preface

Dear users,

The instructions introduce the function characteristics of this product, operation steps, notes and maintenance in detail.

In order to ensure that you can use the product more effectively, please read this manual carefully before use and keep it safe after reading.

Without permission, cannot take apart products in person, otherwise, you will lose the warranty.

Be careful, the company reserves the rights to update products and technology. Some illustrations in the specification you see in the product may be different, received in-kind prevail.

*Thank you for purchasing our products, wish you use happily.*

Without reading this manual, please don't operate the product. If you have any questions on the understanding of this manual, please contact the seller or after-sales technical personnel, don't take action to operate the product, or it may result in serious personal injury or property damage.



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## Safety Precautions

- ▶ To prevent blackouts or household oxygen bar may break down, someone who are urgently needed oxygen must be configured with a much-needed backup support to other devices (such as: oxygen cylinder, oxygen bags, etc.), it is not considered for the life of the equipment or the use of the continuation of life.
- ▶ Oxygen may cause combustion, no smoking when operating the oxygen bar. When in a heat environment, sparks and open flames and other factors, do not use household oxygen bar.
- ▶ There is high-voltage in household oxygen bar, please do not disassemble.
- ▶ All parts of the product, after rigorous testing, safety and reliability, so do not use this product with other accessories made by other manufactures otherwise it will affect the performance.
- ▶ Moving household oxygen bar by the cord or hose is prohibited.
- ▶ This product with rated voltage of □220V, □110V, please use secure socket qualified.
- ▶ To prevent accidents, do not let children operate the oxygen bar. When breathing oxygen, not let the hose around the neck. When the elderly using the oxygen, a guardian must beside him.
- ▶ Household oxygen bar works as a direct separation of oxygen from air, which is used for breathing, so do not use in smoke, toxic and harmful gases environments.

## Cautions:

- ▶ Before the first use, please roll household oxygen bar, then cut off the bottom of the transport fixed ties, see "Cut ties description".
- ▶ When this product is working, there will be intermittent exhaust sound, which is a normal phenomenon.
- ▶ When add water to wet cup, do not exceed the maximum water level. When handling household oxygen bar, need to pour out the water in wet cup, so as not to cause backflow.
- ▶ Please confirm whether the oxygen outlet, the air intake vents behind oxygen bar is blocked, in order to avoid downtime caused by high temperature.
- ▶ This product only applies to household oxygenating, cannot be used as medical treatment.



**Warning**

# Product Features

## Product Introduction

This product uses the air as raw material, AC□220V□110V power as power source, uses a good original zeolite by French and the air compressor 5000 hours lifespan, Through advanced pressure swing adsorption separation in room temperature, extraction of high-purity oxygen by air, stable oxygen, safe and reliable, this method is called pure physical methods. (Refers to working principle on page 12) .

## Functional characteristics

Intelligent Control:

IMD beautiful large color panel, easy to operate, large color LED screen, clear display, timer operation function and with infrared remote control, let it be easier and more convenient.

Anion:

This machine is equipped with ion function, and a "negative" button; the negative ion system can work alone , you can also work simultaneously with the oxygen system;Anion generatorAir vents located in the machine, the exhaust vents discharged into the surrounding space of the machine when working.

Multi-layer filter, self-easy to replace:

The oxygen system of this product has coarse dust filter, fine dust filter and three bacterial filtration treatment for the input air respectively, finally, the oxygen is fresh and clean after filtering , and the two front layers filter can be replaced without disassembling, the user operate it comfortably.

## Using environment

Temperature: 5-35℃ Relative humidity: ≤80%

Range of the atmospheric pressure: 0.086 MPa -0.106 MPa

When the temperature is higher or lower, do not use oxygen bar.

# Product Features

## Technical parameters

Product name: household Oxygen Bar  
Model:  MAF015A  MAF015AW  
 MAF015BW  MAF015BJ  
Scope of application: use as household oxygenating,  
not use for medical treatment  
PSA methods: PSA  
The input power: 115W  
Rated voltage: AC 220 v, 50 Hz□AC 110V, 50Hz□  
Current rating: 0.5 A  
Air output: 1~6L/min  
Output pressure: <100kpa  
Negative oxygen ion: ≥ 6 million particles/ cm<sup>3</sup>  
Noise: about 48dB  
Product size: 302 \* 168 \* 325 mm  
Net weight: 5.2kg  
Electrical categories: II  
Execution standard: GB4706.1-2005  
Q/MAF 01-2017

Functional difference showed in the following table

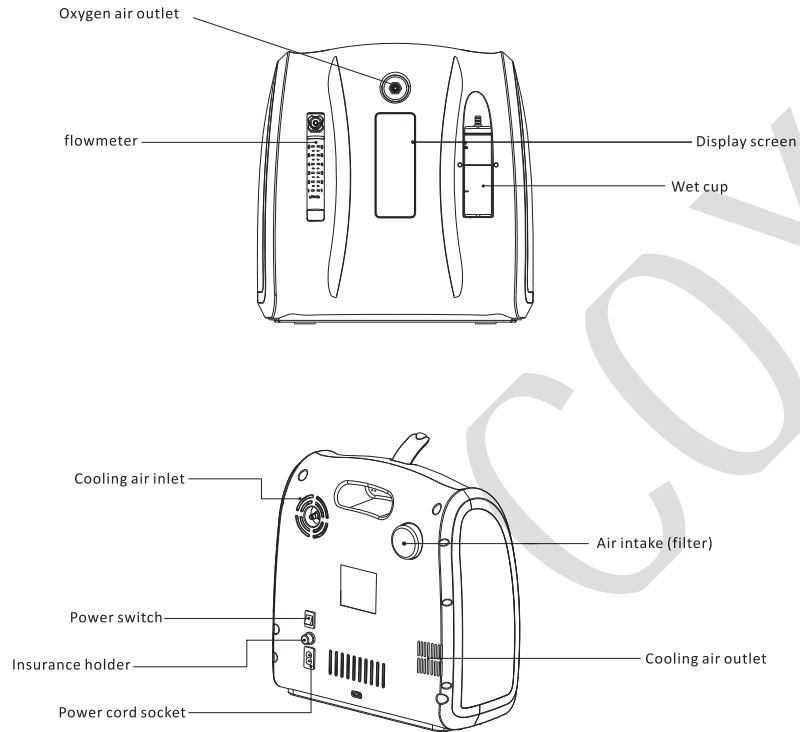
Model	MAF015A	MAF015AW	MAF015BW	MAF015BJ
Oxygen concentration	30%~90%	30%~90%	30%~90%	30%~90%
Remote control function	Yes	Yes	Yes	Yes
Spray function	No	Yes	Yes	Yes
Cumulative function	Yes	Yes	Yes	Yes

# Installation and Operation

## Opening instructions

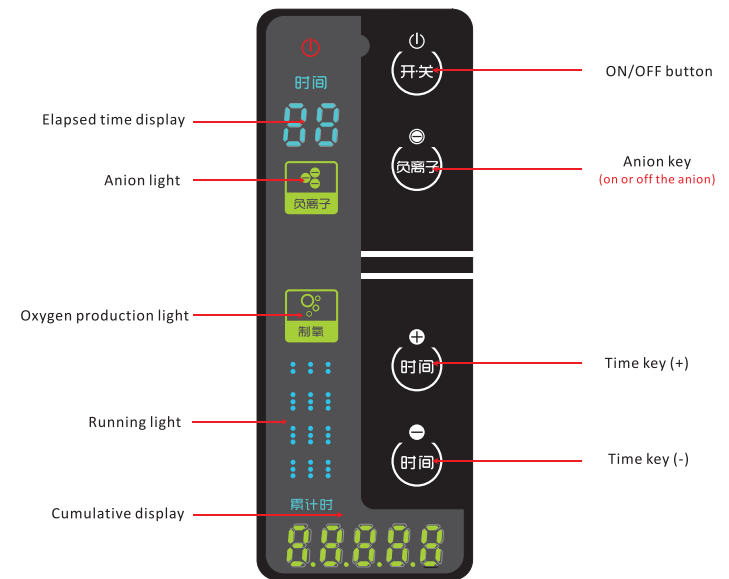
Oxygen packing, please check the items in the box whether they complete or intact according to the manual attachment list. Otherwise, please contact retailer or manufacturer.

## Appearance diagram:



# Installation and Operation

## Opening instructions

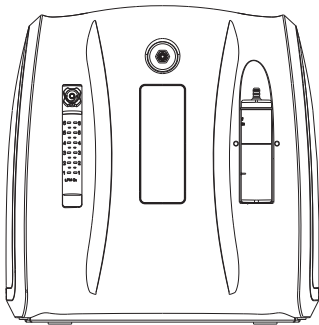


# Installation and Operation

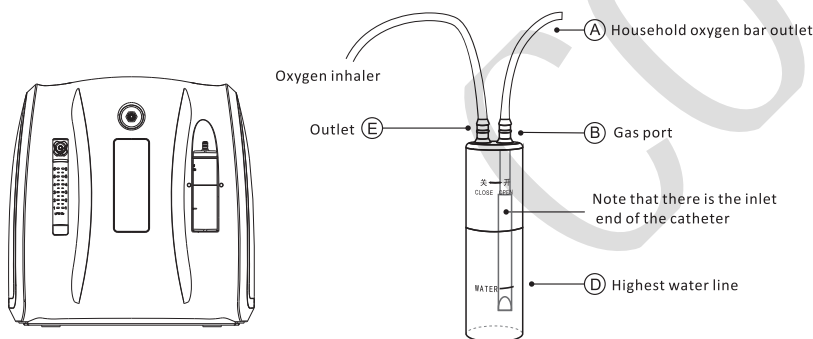
## Power operation and components using

### ▶ Wet cup (add water):

Use left hand to hold wet cup, use right-hand to grip and rotate wet cup counterclockwise, lid open after the rotation in place, adding moderate amount of pure water, then close the lid and turn clockwise rotation in place.



### ▶ Use of wet cup ;



Note: "The machine connected to the outlet of which ends with the wet cup white tube"

# Installation and Operation

Put one end of the conduit to the wet cup inlet port B (with the inlet conduit, as difference) A is inserted into the other end of the conduit connected to the oxygen outlet of household oxygen bar, and finally the end of the oxygen duct plug to the integrated water heater outlet E.

When the water level inside the wet cup exceeds the maximum water level D, please promptly drain the water to avoid water back into the oxygen tube.

### ▶ Connect the power cord, power on

Put the tail end of the power cord into the power cord socket household oxygen bar, and the other end connected to the indoor outlet, after power, the power switch is turned on, after the first power, microcomputer will automatically start the self-test all the bright lights of a display about 2 seconds, colleagues buzzer will sound prompt, after the self-test, automatically restore the standby mode and displays the default time "015", "power jack" and "power switch" position, see section appearance of page four.

### ▶ Power on: ON/OFF button or

In standby mode, press the "ON / OFF" to wake up the machine and start working, and "oxygen" light will be lit, the default length of 15 minutes, turn off the machine by complex back to standby.

### ▶ Time or

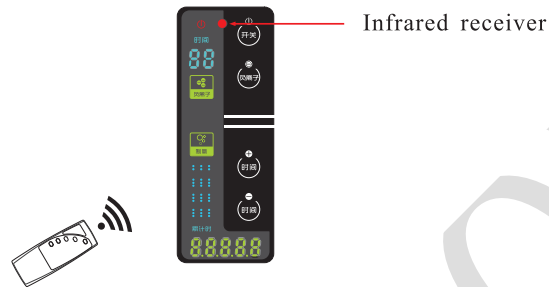
Press "+, -" button to adjust the time of work time, after finish setting, press the "On / Off" button, the oxygen machine starts to work. (after the setup is completed, wait three seconds, the oxygen machine will automatically start working) Click the "timing" until showing the length of time. After finish working, the display window will return to standby mode and waits for the user to use: If you do not use for more than ten minutes (temperature cooling system is running for about five minutes), it will enter power-savingsleep state (anion is closed), then "Power" will flash to alert the user who can press the power switch back to the off state.

# Installation and Operation



According to users' needs, you can open anion function, click "anion" to open, and display "anion" light will be lit (see screen instructions on page five), press twice means close.

## Remote control use



With a dedicated remote control, this product gets the remote control alignment infrared receiver hole of oxygen machine panel. When you find the remote control operation insensitive and cannot operate, you must check the remote control battery whether it fully charged first; remote control can't be too far from the host computer, otherwise it will lead to the remote control operation insensitive.

# Maintenance

## Routine maintenance

- ◆ The oxygen machine has smooth appearance, glossy, please prevent the sharp scratch it.
- ◆ Please turn off the oxygen machine after finishing the timer and the air supply, and unplug the power in time.
- ◆ The cotton filters on the host side change in time, if the cotton filters were blocked by the dirty stuff, it will have an effect on oxygen.

### Attention:

Please don't take apart the machine by yourself, avoid unnecessary damage inside the machine, before cleaning and maintaining, oxygen machine must be cut off the power.

## Handle of long idle

- ◆ Remove the wet cup, drain the water out of the cup and replace host computer after air-dry.
- ◆ Starting up, let the oxygen machine work for thirty minutes, then wait for it to cool by natural.
- ◆ Cut off the power, replace the oxygen machine into the box.
- ◆ Remote control can't install battery while sealing, in order to prevent the battery leakage to damage the remote control.
- ◆ Pls wrap and seal the main engine with plastic bags to prevent air humidity cause the machine performance degradation.

## Parts maintenance

- ◆ The maintenance of wet cup:  
In order to ensure the cleaning of the wet cup, the injection should be pure water or boiled water, and try to replace every day, we suggest users cleaning the wet cup once a week
- ◆ Cotton filters and filter maintenance:  
The main function of the filter is filter and adsorption the dust and impurity, it will form a blockage in turn to affect the intake of oxygen machine for a long time.  
It will become intake block for a long time, thereby, have an effect on the oxygen machine; generally, replaced once a quarter, if it has much dust, recommend replacing every two months.

## Problem Investigation and Trouble Shooting

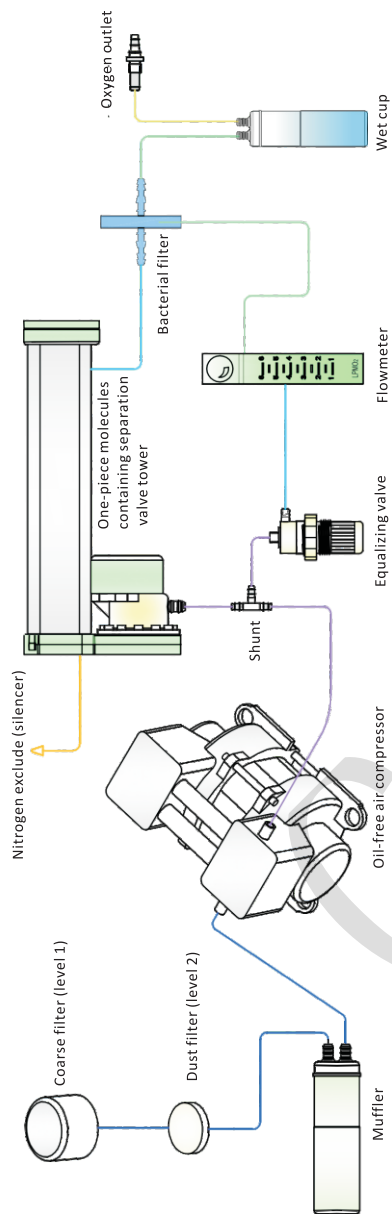
Symptom	Possible Cause	Solution
Household oxygen bar cannot operate properly, the power indicator light is not bright.	The power line is not connected to a power outlet.	Check whether the socket outlet connection is normal.
	Power supply socket without electricity.	Replace the electric socket.
	Overload protection burning fuse	Open the insurance and replace the fuse.
	Power cord is not for good in the household oxygen bar or power cord bad.	Unplug reinsert the fuselage outlet or replace a power supply cord.
The screen display normal, but the oxygen bar does not have normal operation sound.	Household oxygen bar overheating protection.	Make sure the place has been away from household oxygen bar curtains, bake warm machines, heaters and fireplaces, and confirm household oxygen bar and walls or other objects around the retention gap of at least 20 cm.
	Household oxygen bar computer froze plate.	Turn off the machine, wait five minutes to restart.
	The compressor function breakdown.	Contact household oxygen bar retailer or manufacturers.
Full screen flash, while alarm.	Internal hardware damage	Returned to the manufacturer or dealer for repair.
Big Noise	Ties are not cut, the machine did not put a smooth.	Cut ties, put the machine steady.
The screen display normal and hear normal operation sound but no anoin oxygen output.	Intake window cotton filters is dirty, cause block.	Household oxygen bar internal malfunction.
	Cut off the power switch, replace window air intake filter cotton.	Contact the household seller or manufacturers.
Press to adjust the time when the transfer is invalid.	Sleep tone when keys are locked, inoperable.	Press the "On / Off" button to wake, the key to adjust the time and then tune.

## Problem Investigation and Trouble Shooting

Symptom	Possible Cause	Solution
The oxygen machine emits poor sound six-minute intervals.	The machine emits exhaust sound.	If the machine emits poor sound regularly is a normal phenomenon, discharge the sound of nitrogen.
Water coming out of the mouth of oxygen.	Adding too much water in the wet cup (exceed the highest water level), airflow will push oxygen tube blisters.	The water in the wet cup have reduced to the highest water level.
	Difference temperature, cause the humidified oxygen in the wall that moisture will condense water out of cold.	Pour the water out of the wet cup, starting up, after fifteen minutes, waiting the droplets are dried in the oxygen tube, then adding water into the wet cup.
the machine is operating normally after starting up, but have a narrow minded.	Flow value is too small.	Turn up flow
	Wet cup is not installed correctly cause leak	<ol style="list-style-type: none"> <li>wet cup cover is not fit in place, unscrew the lid anticlockwise, after checking the right direction again wet glass bottles.</li> <li>wet cup body sets a ring, if you install the missing equipment, it can cause leak.</li> </ol>
Oxygen odor	Early use, series of tubes or other plastic will emit odor, is a normal phenomenon.	This odor is normal smell emitted by the silicone tube, which has been detected by non toxic, and with the use of the machine, the smell will gradually disappear.



# Working Principle



## Warranty Card

Dear user:

Thank you for purchasing this product, for the future use of this product, you will enjoy the company to provide you with high quality service, in order to use the product better, please be sure to carefully read the "warranties" before your use.

Purchase Date:    year    month    day

User Name	Sex	
Age	Contact Telephone	
Mobile Phone	Zip	
Contact Address		
Product Model	Item No	
Sales Department	Seller Phone	
Notes:		

**Users save**

Purchase Date:    year    month    day

User Name	Sex	
Age	Contact Telephone	
Mobile Phone	Zip	
Contact Address		
Product Model	Item No	
Sales Department	Seller Phone	
Notes:		

**Businesses save**

## Warranty Issues

1. Warranty: main engine with one year warranty.
2. If you buy our machine, you can enjoy the whole year warranty provided by the company's policy.
3. You can register information via the internet or by mail, for warranty .
  - If the items listed below, based on the cost of fees and subject to close for repair.
1. out of warranty period of the product;
2. failure to use the product manual and product damage.
  - Under one of the following situations, Not within the warranty service.
1. unauthorized alteration warranty certificate, serial number and product labels;
2. damaged products caused by unauthorized hardware changes (items missing, variation, etc);
3. due to damage caused by external products;
4. due to force majeure (earthquake, fire, flood, war and other disasters) product damage;
5. Unauthorized disassemble products;
6. deliberate destruction caused by human fault products;
7. The failure to require the installation and use instructions damage caused by the company's products;

### Certificate

Production Date: \_\_\_\_\_

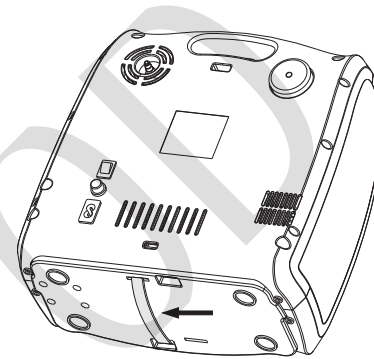
Quality Inspector: \_\_\_\_\_

Version Number:1.1  
Part No:00.04.04-00605-02

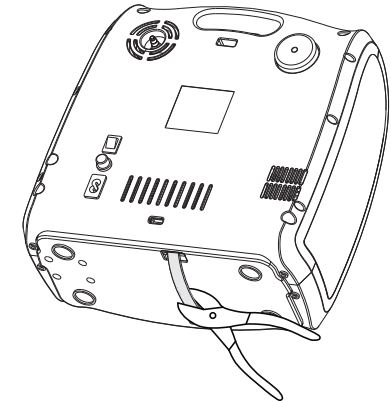
Serial No : \_\_\_\_\_

## Cut Ties Description

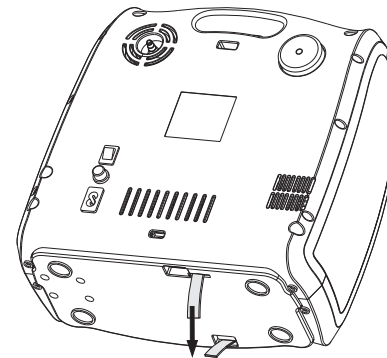
Before using it for the first time, please follow the steps to cut cable ties.



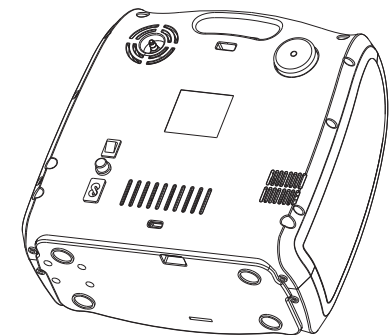
1. The arrow points to tie for transport.



2. Use pliers to cut fixed ties.



3. Ties must be drawn out.



4. Two fixed ties can be used after being extracted.