

2017



# Blue O2

Hyperbaric Oxygen  
Chamber

[www.blueo2.eu](http://www.blueo2.eu)

# Blue02.eu

## Hyperbaric Oxygen Chamber

Please read this entire manual before using the system for the first time. Keep this manual handy for your reference.



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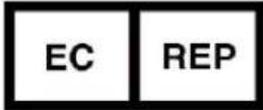
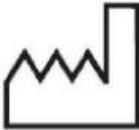
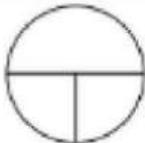
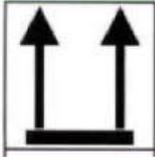
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## A New concept of health and beauty. Mild Hyperbaric Oxygen Therapy.

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People cannot do without air, especially oxygen. The oxygen percentage in the normal air pressure is 21%. People will suffer a hypoxic death if oxygen is lower than 12%. 90% of the people in the city are in various degrees of hypoxia. Hyperbaric oxygen therapy improves the quality of life and keeps us more healthy. It is the latest trend in health and beauty.

The following table is a list of symbols and definitions that used with the Hyperbaric Chamber.

	CE certification		AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
	Manufacturer		Date of manufacture
	Type B Applied part		Refer to instruction manual/booklet
	Serial number		Protective earth (ground)
	Mains fuse specification		On
	Off		HOT SURFACE DO NOT TOUCH Allow to cool before servicing
	Intake		Exhaust
	Warning		Caution
	Correct Disposal of This Product (Waste Electrical & Electronic Equipment)Statement: Contact the local authorities to determine the proper method of disposal of equipment and its part		Upward
	Air deflate valve indicator internal/external		Keep dry from rain

(1) Please DO NOT take off the blue cover.

NO



YES



(2) Zippers can be opened only when the chamber has depressurized to 0 kPa.



① Open the Valve



② Make sure that Pressure Meter appears 0 kPa



③ Pull the Zipper.

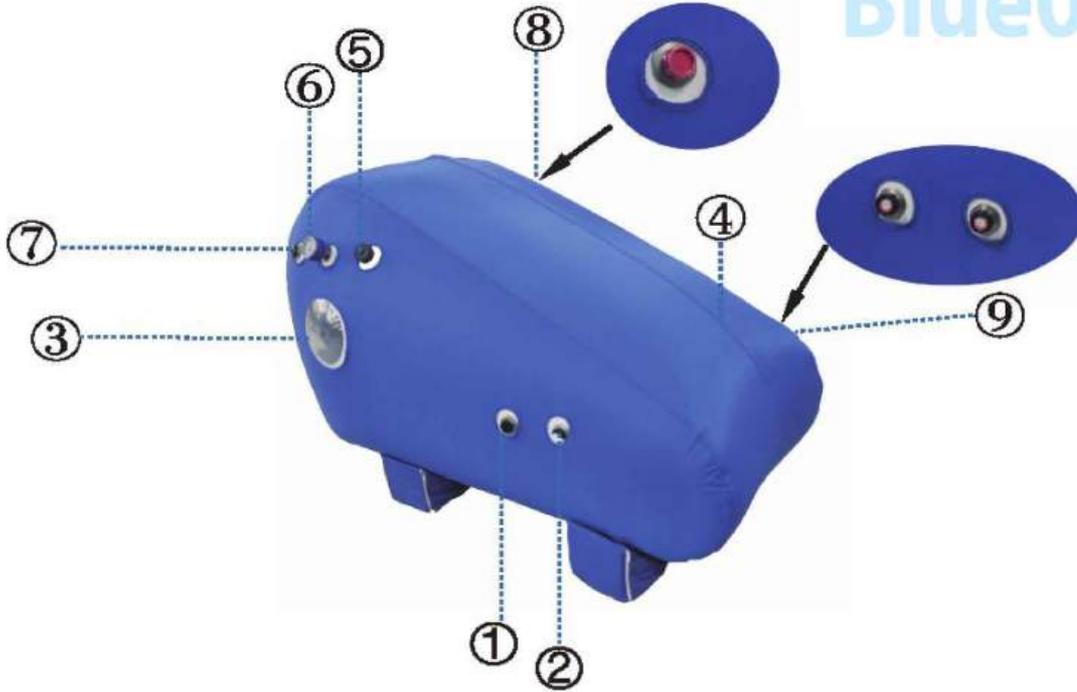
(3) You may feel some "Ear Pain" when the pressure is increasing. This is like the pressure change you feel during an airplane descent which can be eased by swallowing or yawning. The ear uncomfortable will be disappeared gradually once the pressure is stabilized.

(4) This device cannot be used by persons (including children) with reduced physical sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children shall be supervised not to play with the appliance.

# 4 Specification

Model	ST801
Size	80*225cm(D*L)
Pressure	1.3ATA
Weight	13KG

## (1) Hyperbaric Oxygen Chamber



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①	Air Inlet Valve	⑥	External Pressure Gauge
②	Oxygen Inlet Valve	⑦	Internal Pressure Gauge
③	Viewing Port	⑧	Emergency Valve
④	Zippers	⑨	Automatic Pressure Relief Valves
⑤	External/Internal Air Deflate Valve		

## (2) Air Compressor and Oxygen Concentrator



Air Compressor	
Voltage	110/220V
Air Flow	40L/Minute
Power	550W
Weight	18KG

Oxygen Concentrator	
Voltage	110/220V
Oxygen Flow	1-5L/Minute
Power	500W
Weight	30KG

### (3) Basic Components

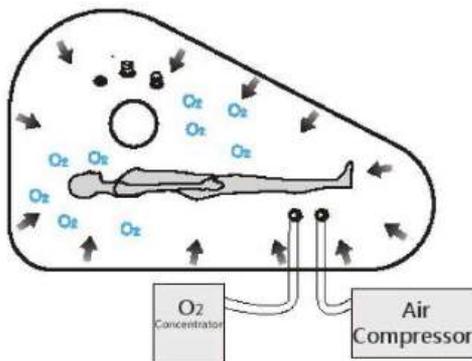


### (4) Optional Components

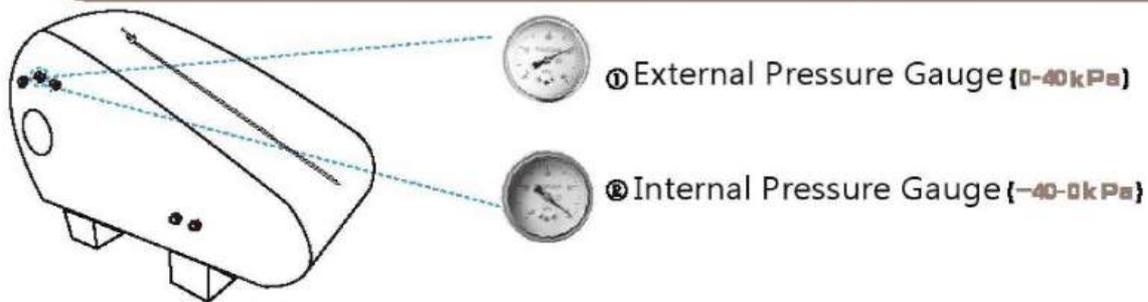


## 5 Installation and Operation

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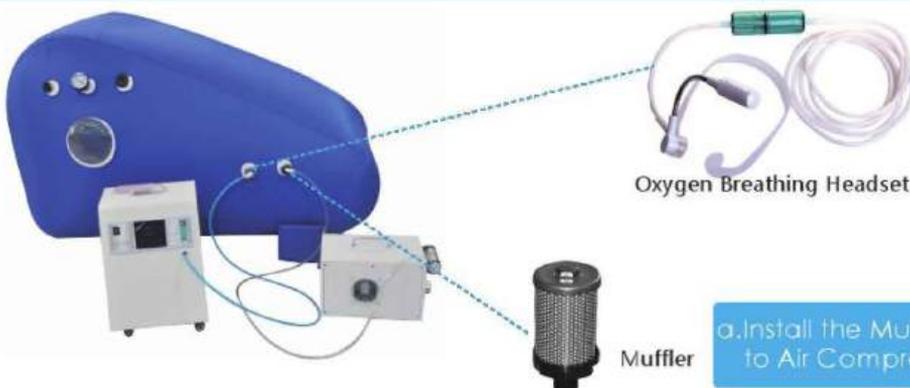
Notice: Please Install Internal/External Pressure Gauge first before using.



1. Connect the tube of Oxygen Concentrator to Oxygen Inlet Valve (Blue) and tube of Air Compressor to Air Inlet Valve (Black).



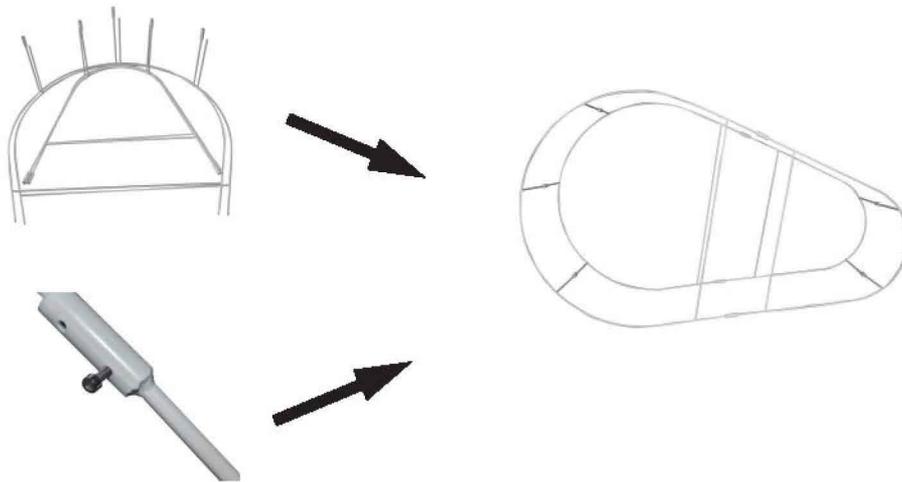
2. Install the Muffler in the Air Inlet Valve (Black) and the Oxygen Breathing Headset in the Oxygen Inlet Valve (Blue) inside chamber.



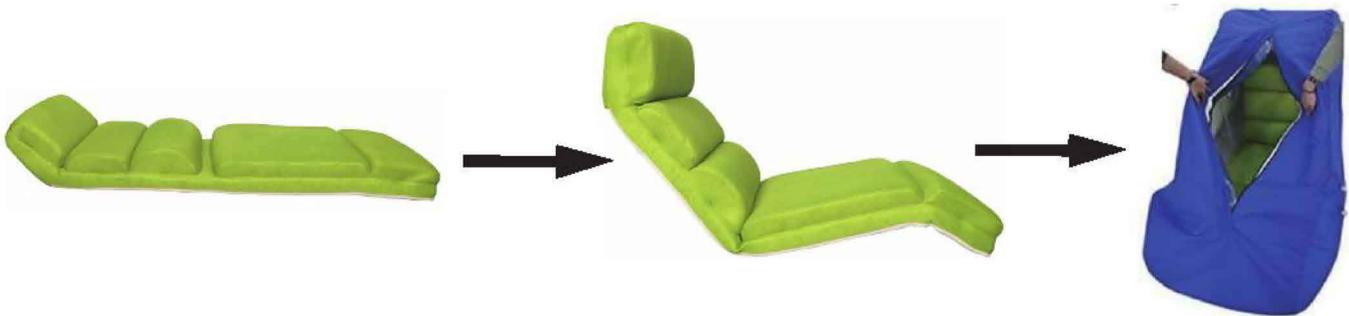
b. Install the Oxygen Breathing Headset in the valve which connects to Oxygen Concentrator inside chamber.

a. Install the Muffler in the valve which connects to Air Compressor inside chamber.

3. Install the Frame inside chamber  
(We recommend to install the frame after chamber getting inflated.)



4. Put in the Folding Chair.



5. Turn on the Air Compressor and Oxygen Concentrator device.



6. Get into the Chamber and close the Zippers and Air Deflate Valve.



Close the External/Internal zippers



Screw clockwise the External Air Deflate Valve

OR



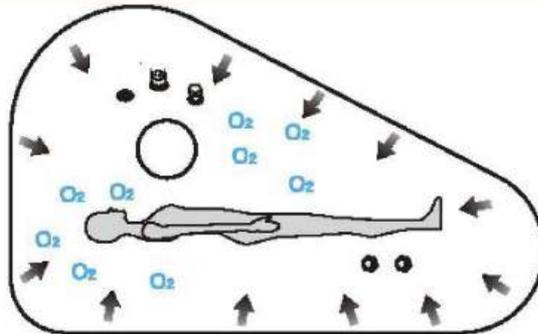
Screw anticlockwise the Internal Air Deflate Valve

Zippers and Air Deflate Valves can be operated both inside and outside of the chamber

7. Lie down inside the chamber, put on oxygen breathing headset. Automatic pressure relief valves will release air automatically when the chamber gets to 30kPa (1.3ATA).



8. Enjoy yourself inside chamber (1-2 hours per session is recommended).



1-2 hours

Session Finished

9. Please open the External/Internal Deflate Valve to depressurize the chamber.



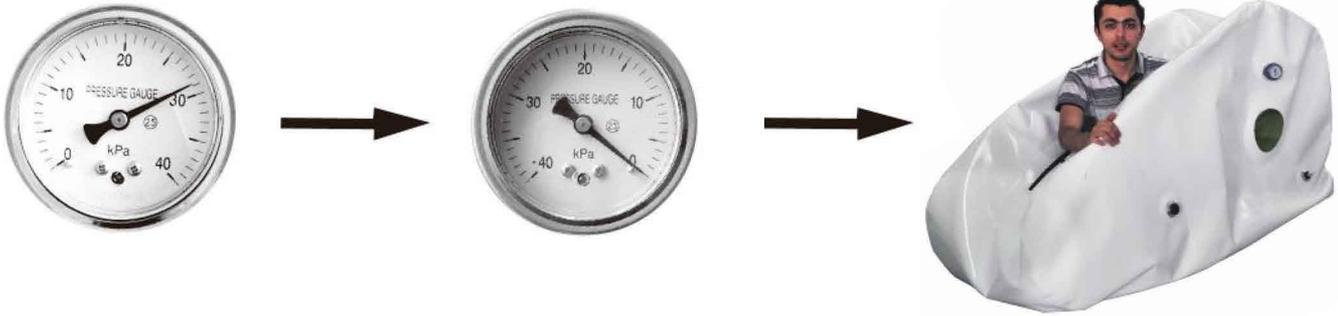
OR



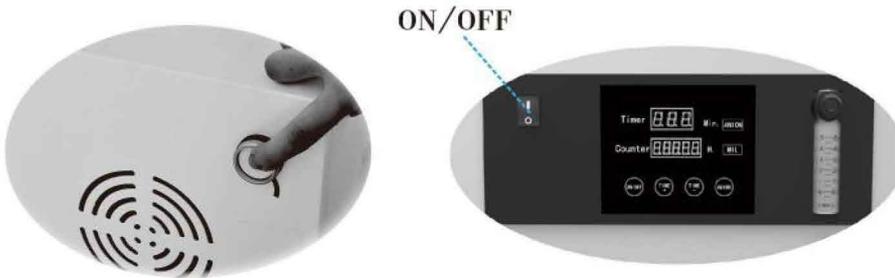
Screw anticlockwise the External Air Deflate Valve

Screw clockwise the Internal Air Deflate Valve

9. Open the zippers and come out from chamber until the pressure show 0 kPa.



10. Turn off the Air Compressor and Oxygen Concentrator after getting out of the chamber.



Please test the chamber first to check if all the equipments can work normally before your first time using.



Opening the zippers is forbidden when the chamber is being or Depressurization is not finished.  
Client can come out until the pressure gauge shows 0 kPa.



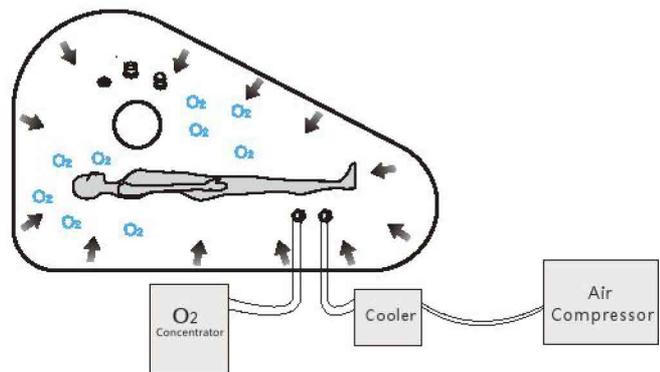
In case of an emergency that you want to get out of chamber immediately, you can press the emergency valve to speed the depressurization.



Do not use this device in the presence of magnetic resonance imaging (MR or MRI) equipment. Do not bend or press on the air tubes, this may stops the compressed air flow into the chamber.

## 11. Installation and Operation of Cooler.

■ If you ordered the Cooler, please connect with the Air Compressor and Chamber to use.



a. Please install the Water Drainer first before using the Cooler.



b. Connect the Tubes with Air Compressor, Cooler and Chamber.



⚠ CAUTION: Please connect air tubes from Air Compressor to the **Inlet** port of Cooler and connect air tubes from Chamber to the **Outlet** port of Cooler.

**Session Finished**

c. Unscrew the black valve when the Drainer is full of water (please check when every session is finished).



## 6 Preparing before hyperbaric therapy

### Clothing

People may go to the chamber fully clothed, Wear the loose, comfortable clothes  
People may bring electronic products/drinks into the chamber.

Ladies should remove long socks(silk stockings) into the chamber. Please take off shoes before getting in.

Shoes, jewelry, or any sharp objects that could damage the chamber should be removed. Disposable feet and hair covers may be used for increased sanitation.

To make the therapy experience more pleasant, the person should get as comfortable as possible, that means taking care of restroom breaks and/or drinking water before getting into the chamber.

The user should be advised to relax and breathe normally.

Breathe normally during the therapy. The air inside the chamber will be continually exchanged, people should have no difficulty breathing.

### Chamber Pressurization

During the pressurization, if people feel pain in the ears due to the tympanic membrane received extrusion pressure, the ear can cause tingling. It's normal, at this point, people can do some chewing gum motion or swallowing to adapt to the pressure change. The user will feel normal when the pressure is stabled at 30kPa. But if the user couldn't bear the pain anymore, for instance, when the pressure rise to 15kPa, the ears feel very painful, the user should either turn off the compressor immediately, or unscrew the air deflate valve slowly, to reduce the speed of pressurizing, when people feels better after a while, screw the air deflate again, until it gets 30kPa.

When a session is finished, turn off the machine and unscrew the air deflate valve to depressurize the chamber, the pressure will drop slowly from 30kPa to 0kPa, this depressurization process should be more than 5 mins, if too fast, people might feel pain in the ear and there is risk of decompression sickness. When the pressure gauges appear 0kPa, zippers can be opened, people can get out.

### Communication

The person may communicate with the outside attendant, more clearly when the attendant is standing by and looking into the chamber window.

A two-way communication system such as a walkie talkie may also be used during chamber operation.

### (1) How to clean the chamber ?

Wipe the chamber by neutral solutions  
If it gets dirty inside.

### (2) Maintenance of Air Compressor:

- ① Please clean the dust on the filters every 2 to 3 months.
- ② Filters should be replaced every 6 months.

#### a. Unscrew filter1



filter1

b. Take out the black cotton filter, flip the dust off to clean it or change a New filter.

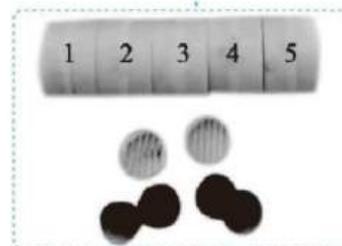


#### c. Remove filter2



filter2

d. Take out the black cotton filters, flip the dust off to clean it or change a New filter, then put the cotton filters back in order as before.



### (1) What should I do to prepare for a treatment?

People can go into the chamber fully clothed. It is recommended to wear loose comfortable. Shoes, jewelry, or any sharp objects should be removed before getting into the chamber. It is recommended that women not wear stockings in the chamber, because it may cause feelings of claustrophobia.

### (2) How will the HBOT treatment feel?

The chamber will be filled with compressed air. Once the chamber has expanded to its filled size, it will start to pressurize. While the chamber is pressurizing, your ears will feel the change in pressure inside the chamber. Otherwise it should be unnoticeable. To equalize the pressure and avoid the feeling of fullness in your ears, you will need to clear your ears by chewing (gum or food), swallowing, yawning. During the pressurization of the chamber, your mouth may become dry. Once the chamber is fully pressurized, your salivation will return to normal. Additionally, the chamber may become slightly warm while it is pressurizing. Once it is to full pressure, the relief valves will begin to pull the warmer air out of the chamber. Then you can sleep, meditate, read, watch movie, listen to music, etc.

### (3) How long is the treatment?

Treatment times are usually 1-2 hours per session, 5-7 Times per week.

### (4) Is Hyperbarics good for the Elderly?

Most definitely. Hyperbarics is great for those in their later years. Hyperbarics provides an immeasurable boost which counteracts the signs of aging. In fact, new research indicates that hyperbaric oxygenation slows Apoptosis (cell death).

### (5) Is Hyperbarics good for Children?

Yes, hyperbarics yields wonderful results with children. In fact, research with children suffering from brain-injuries and genetic disorders shows positive results and great promise. We recommend that children under the age of 16 need to be accompanied by an adult inside the chamber.

## (6) How safe is the Portable Hyperbaric Oxygen Chamber?

Pure oxygen under pressure is extremely flammable. Monoplace hard chambers use pure oxygen under pressure, so safety precautions must be taken when using these chambers. While our chamber uses pressurized room air with an oxygen concentrator. Hence it is safe and not flammable. However, the chamber should not be exposed to any naked flame, cigarette or the like.

## (7) Are there any side effects?

The most common side effect is discomfort to the ears caused by pressure changes. To minimize the risk, patients learn to promote the adequate clearing of your ears during pressurization. Some patients may feel tired and dizzy after using hyperbaric chamber for the first time. It's a good signal as Hyperbaric Oxygen Therapy will speed up the metabolism of our body, just like people feel tired after a long running. They are usually good signs of indicating detoxification.

## (8) Do I need a prescription or supervision to use the chamber?

No, you do not need a prescription to use the Portable Hyperbaric Chamber. If you are using the chamber to treat your health condition, we recommend you seek advice from your health practitioner.

The Portable Hyperbaric Chamber is easy to use without the need for any supervision or specialised training. Pressure gauges and pressure release valves come standard in the interior of the chamber, and the zipper is double sided for easy and fast exiting if required.

## (9) Are there any contraindications for Hyperbaric Oxygen Therapy?

Never use the chamber while you catch a cold or flu symptoms.

Never use the chamber if you have rhinitis or otitis media.

Never use the chamber if you are pregnant.

## (10) How can I learn about the HBOT?

The most comprehensive book about HBOT is The Oxygen Revolution by Paul Harch, M.D. This book is geared toward consumers who would like to learn more about how HBOT works and what conditions it treats. The book explores the science behind HBOT, as well as case histories of patients who have benefited from HBOT.

If your chamber fails to operate properly, please refer to the troubleshooting chart on the following pages for possible causes and solutions. If the problems still can't be solved, please contact your equipment provider.

Trouble	Causes	Solution
Chamber pressurization very slow	<ol style="list-style-type: none"> <li>1. Air compressor joint or air inlet joint loose or crack</li> <li>2. Air filters full of dusts</li> <li>3. Air inlet on the air compressor is clogged, no smooth intake</li> <li>4. Air compressor screws loose</li> <li>5. Air deflate valve did not tighten up</li> </ol>	<ol style="list-style-type: none"> <li>1. Make sure there is no cracks or loose parts, reinstall the joints</li> <li>2. Replace new filters or clean the dusts on the filters</li> <li>3. Clean the air inlet part of the air compressor</li> <li>4. Tighten up the screws on air compressor</li> <li>5. Tighten up the air deflate valve</li> </ol>
Pressure does not go to or hold at proper kPa	<ol style="list-style-type: none"> <li>1. Didn't close the zippers</li> <li>2. Didn't close the air deflate valve or didn't tighten up</li> <li>3. Air tube does not stick in the connector</li> <li>4. The blue silicon sealing strip between inside and outside zippers is not flat</li> </ol>	<ol style="list-style-type: none"> <li>1. Depressurize the chamber first, then close the zippers and restart</li> <li>2. Make sure no cats and dogs in the valve holes, then close the valve and tighten it up.</li> <li>3. Stick the air tube in the connector</li> <li>4. Make the blue sealing strip is flat</li> </ol>
Noisy sound or intense vibration of air compressor	<ol style="list-style-type: none"> <li>1. Air filter is clogged</li> <li>2. Air inlet on the air compressor is clogged, no smooth intake</li> <li>3. Air compressor screws loose</li> </ol>	<ol style="list-style-type: none"> <li>1. Make sure there is no cracks or</li> <li>1. Replace the filters</li> <li>2. Clean the air inlet part of the air compressor</li> <li>3. Tighten up the screws on air compressor</li> </ol>
Chamber does not swell at all	<ol style="list-style-type: none"> <li>1. Air tube might fall off, air leakage</li> <li>2. Didn't close the air deflate valve or didn't tighten up</li> <li>3. There is air leakage on air compressor</li> </ol>	<ol style="list-style-type: none"> <li>1. Find out the leakage source, stick the air tube in the connector</li> <li>2. Close the valve and tighten it up.</li> <li>3. Reconnect the air tube to the connector of air compressor</li> </ol>

# 10 Condition for Transportation and Storage

Environment temperature scale : -10°C-40 °C

Comparative humidity scale : 30%-85%

Air pressure scale : 700hPa-1060hPa

## Warranty

Our products come with one year warranty from the date of delivery. During the warranty period, if there is any faulty materials &/or workmanship on the equipments under correct operation, new necessary components or products will be offered for repairing or replacing FREELY.

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