

# USER MANUAL

BUBBLE | PURE AIR



BUBBLE  
PURE AIR



*Zonair3d is a Spanish company operating on all five continents engaged in the research and scientific development of air purification systems.*

*In collaboration with a number of scientific institutions and research centres, Zonair3D works on the development of solutions that offer answers to unresolved needs in such areas as health, wellbeing or buildings, among others.*

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## BUBBLE | PURE AIR

This pioneering product is our response to current environmental pollution and our concerns over the constant and ever-increasing deterioration of the quality of the air we breathe.

Bubble| Pure Air is the first mobile space in which it is possible to breathe constantly regenerated 99.995% pure air, free from contaminating particulate, free from bacteriological and allergenic agents, and with gaseous pollutants reduced to levels of comfort.

Pure air is essential for the respiratory system to operate properly, it is important factor in anti-aging treatment, it enhances respiratory pathway recovery following physical exercise and it is of fundamental importance to the existence of life.



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# Welcome

Thank you for choosing Zonair3d and congratulations on your purchase of a Bubblel Pure Air. Please take a few minutes to read this manual before starting to use your Zonair3d equipment in order to familiarise yourself with its operation.



# Getting Started

## GENERAL SAFETY INSTRUCTIONS

Bubble | Pure Air is the first mobile space in which it is possible to breathe constantly regenerated 99.995% pure air. This equipment includes electrical components. It is therefore important that you carefully read the following safety instructions before use.

- This equipment should not be used by people with reduced physical or mental abilities without assistance or supervision.
- It is not a toy. Children should not use this equipment unless supervised by an adult.
- Do not block the Airbox air intake nor the air outlet from the Bubble | Pure Air.
- Do not spill water or other liquids on the Airbox.
- Do not switch on the equipment if any of the electrical components is damaged or not operating correctly.
- If the power cord is damaged or broken, it can be replaced by a male/female power cord such as those used for computers or similar equipment.
- Remember to switch off the equipment before unplugging it from the power socket.
-  · Do not operate inside the unit, unless for filter replacement (refer to Maintenance instructions). Any other operation must be carried out by personnel authorised by ZONAIR3D.
-  · Before disassembling any panel, check that the unit is not switched to the electric power network.
- Only use filters supplied by ZONAIR3D.
- Do not store Bubble | Pure Air when damp or wet.

## Positioning

- Position the equipment in a large, ventilated space.
-  · Do not position the equipment on a soft surface. Always position the equipment on a flat, stable surface.
-  · Do not position the equipment close to explosives.
- Do not position the equipment close to heat sources, such as radiators, fireplaces or ovens.

## UNPACKING

You will find the following items inside the box:

### Bag 1 containing the arch system, which includes:

Arch System:

12 Rods:

Bubble 210 cm high: 8 rods 135 cm / 4 rods 57 cm

Bubble 250 cm high: 8 rods 135 cm / 4 rods 80 cm

2 Rods for replacement

1 Cross piece

Cylindrical structure: 6 (or 8) metallic tubes for the base

1 Strong adhesive patch

### Bag 2 containing Bubble's dome, which includes:

1 Flex tube

1 Diffuser

1 User manual + CD

### Airbox, which includes:

Torx T-25 key for filter maintenance

Electrical power cord



BAG 1 BUBBLE (Arch System)	AIRBOX
BAG 2 BUBBLE (Dome)	

# Technical Specifications

GENERAL BUBBLE SPECIFICATIONS					
TYPE OF BUBBLE	BASE (M)	HEIGHT (M)	MATERIAL	WEIGH DOME BAG	WEIGH RODS BAG
STANDARD	2.00x3.00	2.10	white mixed clear PVC	15KG 17KG 20KG	10KG 10KG 10KG
		2.50			
TEAM	3.50x3.50	2.50	white mixed clear PVC	20KG 25KG 30KG	15KG 15KG 15KG
HOME	2.00x2.00	2.00	white mixed clear PVC	10KG 12KG 15KG	8KG 8KG 8KG
	1.50x1.50				

GENERAL AIRBOX SPECIFICATIONS	
VOLTAGE	230 V ± 15% 50/60 Hz
MAXIMUM ABSORBED POWER	176 W pump unit (EC engine)
MAXIMUM ABSORBED CURRENT	1,1 A
MAXIMUM FLOW	645 m <sup>3</sup> /h
FAN SPEED	2900 rpm
SIZES	735 mm (L) x 550 mm (W) x 603 mm (H)
WEIGHT	53 Kg approx
IP CLASSIFICATION	IP54
ACOUSTIC PRESSURE LEVEL (*)	48 dB (A) Maximum Flow
INTERNAL SILENCER	
FILTERING STAGES	<ul style="list-style-type: none"> <li>· Pre-filter F7</li> <li>· H14 Absolute filter</li> <li>· GRSystem   ZONAIR3D filter, gas reduction system with activated carbon filter based on Zonair3d's exclusive R&amp;D technology</li> </ul>
OPTIONAL (ON DEMAND):	<ul style="list-style-type: none"> <li>· Transformer ( 110 V – 220 V and 60 Hz - 50 Hz)</li> <li>· Special connector according to the destination country (UK, US...)</li> </ul>

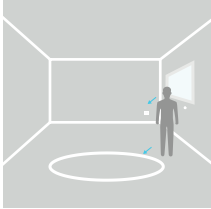
\* Acoustic pressure level at 3 m distance.



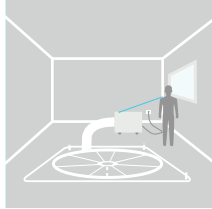
# Assembly Instructions

## ASSEMBLY OF BUBBLE | PURE AIR

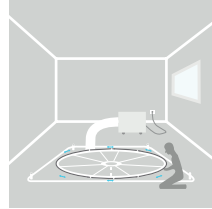
Before assembly, clean the area where the Bubble will be installed and avoid the presence of sharp objects that could damage the Bubble. **Arch system:**



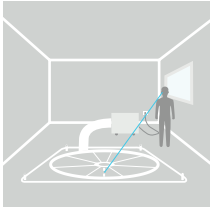
1. Locate a power supply for connection to the Airbox.



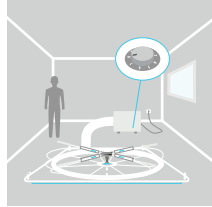
2. Connect the end of the tube to the outlet on the Airbox and adjust.



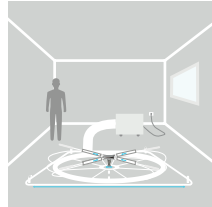
3. Open the velcro from the base and insert the cylindrical structure made of rods. Close the velcro.



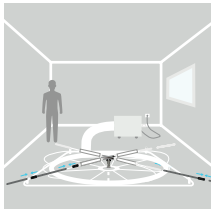
4. Close the zip of the Bubble. Connect the Airbox to the power supply and turn it on.



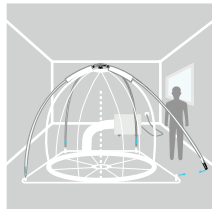
5. Set the regulator at position number 8 to fill the Bubble up.



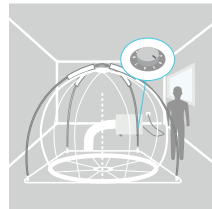
6. Insert the 4 upper rod sections of the Bubble into the cross piece.



7. Set the cross piece parallel to the longest side of the base. Connect the rest of the rod sections (3 rods per side) while the Bubble fills with air.



8. Insert the end of the rods to the anchor points located at the corners of the floor.



9. Once the Bubble is filled up, set the regulator at position number 4.

## DISASSEMBLING THE BUBBLE | PURE AIR

After use, switch the Airbox regulator to off and disconnect from the power supply. Open the zips for better air expulsion.

Always store in its bag when not in use. To disassemble, remove the structure from the base and disassemble the rods, the cylindrical base structure and carefully fold the bubble. Store the fabric in its carry case, and the rods, cross piece and cylindrical base in the other carry bag.

# Care and Maintenance

## BUBBLE | PURE AIR

Bubble | Pure Air is a unique product that uses a high-quality design and materials. Please read the following instructions for keeping your equipment in the best possible condition:

### Cleaning and maintaining the floor

- Unplug the airbox from the power supply before cleaning or performing its maintenance.
- Use a microfibre cloth and neutral soap for general cleaning.
- Do not use solvents nor abrasive materials that could damage the surface of the Bubble.
- Use methylated spirit or Acrylnet for persistent stains.

The fan of the Airbox does not require maintenance. Do not try to repair or adjust any mechanical part of the equipment.

Contact Zonair3d or your local distributor for more information about the guarantee.

## AIRBOX

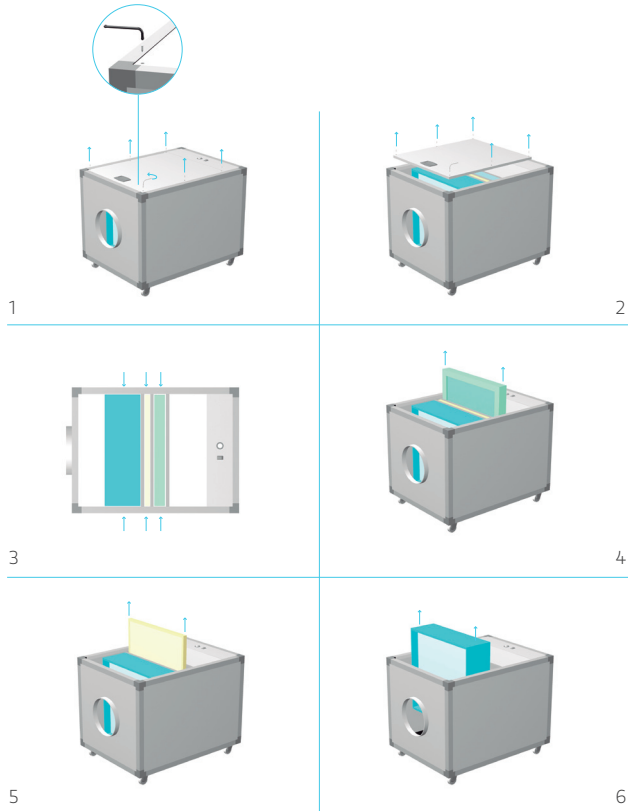
### Replacement of filters

The Airbox is supplied with the three filters installed. They are easy to replace.

For optimum operation of the equipment under normal conditions, Zonair3d recommends the following filter replacement plan:

FILTER	REPLACEMENT
Pre-filter (F7)	Every 6 months
GRSystem   Zonair3d	Every year
Absolute Filter	Every 2 years

 **IMPORTANT:** It is recommend to use mask and gloves to replace the filters.



In the event of high pollutant concentrations, the filters may become clogged faster and require a different filter replacement plan.

Contact Zonair3d or your local distributor for replacements.

**⚠ IMPORTANT:** It is important that only original filters supplied by Zonair3d be used to ensure the desired result and correct operation of the equipment. The guarantee will become void if filters other than those supplied by Zonair3d are used.

### MANAGEMENT OF USED FILTERS

Contact your local waste manager regarding the correct disposal of used filters.

# FAQs

## **How much space is needed to install BUBBLE | PURE AIR?**

Approximately 4x4,5m for the base and 2,70m for the height and the necessary space for Airbox.

## **How are the Airbox filters maintained?**

Change the pre-filter every six months, the GRSystem every year and the absolute (HEPA 14) filter every two years.

## **How long can the motor be left running?**

As long as you like. The Airbox consumes 176w at full power.

## **Does BUBBLE | PURE AIR have any side effect?**

It has no contraindications or side-effects and it improves quality of life for those who breathe the pure air inside it. Pure air is harmless.

## **Is it counter-productive to breathe pure air and then go back outside into a polluted environment?**

No; the longer you breathe pure air, the greater the benefits. Breathing pure air for as long as you like enables you to better deal with the outside environment.

## **Is BUBBLE | PURE AIR an oxygen bubble?**

It is NOT an oxygen bubble. It is a space containing pure air that is 99.995% particulate-free and does not modify the original air composition (approximately 21% oxygen, 78% nitrogen and other gases).

## **What is the difference between BUBBLE | PURE AIR and a hyperbaric chamber?**

Hyperbaric chambers (or diving chambers) increase the natural concentration of oxygen present in the air. Bubble | Pure Air does not alter the composition of the air but rather enables pure air to be breathed at optimum composition levels.

## **How long do I need to stay inside BUBBLE | PURE AIR? Can I sleep inside?**

The longer you breathe pure air, the greater the benefits. Therefore, the answer is yes.

## **Should I unplug the Airbox when not in use?**

We recommend unplugging the Airbox when not in use so as to fully disconnect it from any power source and thus protect against any possible electrical fault caused by external factors.

## **Where should BUBBLE | PURE AIR take its air from?**

We recommend using air from a properly ventilated room or outside air to ensure the best possible air quality (CO<sub>2</sub>).

**What can the BUBBLE | PURE AIR be used for? Has it been medically tested?**

Yes, BUBBLE has been scientifically and medically tested. At [www.zonair3d.com](http://www.zonair3d.com) you can find all medical studies published so far and keep updated on the new technologies based on pure air.

**Does it improve or heal asthma?**

It improves and regenerates respiratory pathways and mucosae, having desinflammatory effects. The usual use of Bubble improves the wellbeing of those suffering respiratory failure and related diseases.

**What is the recommended temperature for use?**

It is advisable to place BUBBLE in a place at a comfortable temperature (18-25°), avoiding direct sun exposure, because heat concentrates inside. In cold weather, the material resists up to -30°C.

**Can I smoke, use candles, etc. inside?**

Do NOT smoke, nor use candles or any other inflammable objects inside.

**Can I introduce essential oils in the Airbox?**

NO. Altering any part of the Airbox will void the warranty.

**How many people can stay inside?**

In the standard version of Bubble (2x3m) scientific evidence shows that the best air quality inside is maintained for occupancy of up to 4 people.

**How long will it last and what guarantee is provided?**

The motor comes with a two-year guarantee. When used properly, the BUBBLE can last forever.

**What can the BUBBLE | PURE AIR be used for?**

It is currently being used in the field of medicine, as well as in sport, wellness, cosmetics, veterinary care, by NGOs, etc. The BUBBLE can be used for a wide variety of purposes.

**Can the initial odor of a new transparent BUBBLE be reduced or eliminated somehow?**

We recommend having it inflated or unfolded for as long as possible before use in order for the 'new' smell to dissipate (the transparent material used is phthalate-free - for medical use - but does have an odor to begin with).





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#### TECHNICAL SUPPORT AND REPAIRS

For technical issues or any support needed, please contact your local distributor (visit website [www.zonair3d.com](http://www.zonair3d.com)) or email Zonair3d Technical Support at: [zonair3d@zonair3d.com](mailto:zonair3d@zonair3d.com).

You may also visit our website <http://www.zonair3d.com> where you will find general most frequently asked questions (FAQs).



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PURE AIR, JUST BREATHE

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