



ZONAIR3D™
PURE AIR, JUST BREATHE



Asthma and
allergies

Zonair3D™ seeks to create pure air, become a lung for our cities and improve people's quality of life.

PURE AIR, JUST

We are passionate about creating pure air and improving quality of life; from schools to offices and industry to public spaces, such as shopping centres, cinemas, car parks, swimming pools and, naturally, our homes. Zonair3D™ has designed a range of products tailored to suit every need.

ZONAIR3D is a Spanish company established in all 5 continents whose objective is to develop air purification systems.

In partnership with the best institutions and scientific research centres, we have developed air purification systems aimed at providing responses to latent requirements in fields such as health, welfare or construction among others.

In order to win the trust of our clients, all our products are certified by official standards and clinical studies published by leading doctors in their field.

BREATHE





WELL-BEING AND QUALITY OF LIFE

Air pollution has been recognized as a major **health problem** affecting everyone, but primarily the elderly and the children. Moreover, **direct associations** have been found between **pollution** and **respiratory symptoms**, asthma exacerbations, lung growth and development of asthma.

According to the **World Health Organization**¹, combustion by-products, and those emitted by furniture and building materials have effects on our **respiratory system** (lung function changes, breathing symptoms, sensitivity of the respiratory tract, and respiratory infections). WHO also states that formaldehyde and volatile organic compounds in cleaning products, electronic devices and building materials, as well as gases from traffic have irritant and **inflammatory effects on the skin and mucous membranes**, and they also affect the central nervous system. WHO also says that dust, mite and other allergenic agents have **effects on the immune system** and can lead to asthma, rhinoconjunctivitis, alveolitis, hypersensitivity, pneumonitis and lung damage.

That is the reason why **reducing exposure to pollution**, will not only produce adults' **health improvements**, but, as WHO² reports, for children it can mean a decrease in hospital admissions for respiratory complaints, a lower prevalence of bronchitis and respiratory infections, improvements in lung function and, definitely, a **better health**.

Zonair3d's air purification system reduces the exposure to **air pollution**. Thus, it **improves health** of both healthy people and of those suffering any respiratory disorder or disease, offering the benefits mentioned before. Additionally, as the pilot study conducted by Dr. Anna Cisteró³ in 2012 demonstrates -on the effect of pure air on asthma and allergic rhinitis,

a **month** after applying the pure air treatment with **Bubble | Pure Air**, **significant** values measuring the **life quality** in asthma and rhinitis are already observed in the participants involved.





CHARACTERISTICS

ZONAIR3D™ products are portable **99,995% air purification** equipments adapted to be used in indoor spaces.

Its flow and its exclusive system filters and purifies polluted air, turning it into an **air with optimal conditions, free from polluted particles, environmental ozone and with reduction of toxic, irritant and carcinogenic gases at comfort levels.**

Its proved filtering system efficiency consists of three stages: Pre-filter for large particles (PM_{10}), an **absolute filter HEPA/ULPA** for removing microparticulates ($PM_{0,1}$) and the exclusive filter **GRSystem™ by Zonair3D**, through which the gases NO_x , SO_x , O_3 , TVOC toxics, irritants y carcinogens are reduced to comfort levels by activated carbon filter, developed by R&D team of Zonair3D.

The following features make our product range excellence in indoor air quality:

- Maximum proven efficiency
- Tightness
- Lowest sound level of the market
- Highest filter duration





ASTHMA AND ALLERGIES

"Relax and let yourself be taken care of."



APPLICATIONS

- Asthma
- Allergies
- Respiratory disorders

BENEFITS

- It improves respiratory diseases.
- It eliminates allergenic particles in the air.
- It reduces volatile organic compounds and other irritant gases to comfort levels.
- It has no side effects and it increases the quality of life and health of both healthy people and those having respiratory complaints.



STUDIES SHOW THAT...



“There are, as yet, relatively few studies evaluating the effects of reduced air pollution on children’s health. Nevertheless, those that exist show that reduced exposure to air pollutants can lead to a decrease in hospital admissions for respiratory complaints, a lower prevalence of bronchitis and respiratory infections, and improvements in impaired lung function growth rates. The results provide some direct evidence that reducing exposures to air pollution will improve children’s health.”²

“After having used BUBBLE | PURE AIR for 1 month [...] significant values in the parameters measuring the quality of life in asthma and rhinitis are already shown after just one month treatment.”³

(1) Schwela, Dietrich. *Efectos de la contaminación en la salud y recomendaciones de la OMS*. OMS, Ginebra. (Presentación en el Seminario de la Calidad del Aire y su Monitoreo, 12 de octubre de 1998, Guatemala)

(2) European Centre for Environment and Health. *Effects of Air Pollution on Children’s Health and Development*. Bonn Office, World Health Organization, 2005.

(3) Sisteró, A. *Efecto del aire puro en el asma y rinitis alérgica: nuestra experiencia*. Barcelona, 2012.



RECOMMENDED PRODUCTS

BUBBLE PURE AIR

The first portable space in which is possible to breathe 99.995% pure air in continuous regeneration -free of contaminating particles and bacteriological and allergenic agents- with gas pollutant reduction to comfort levels.



TYPE	BASE (M)	HEIGHT (M)	MATERIAL	DOMES WEIGHT (KG)	RODS WEIGHT (KG)
STANDARD	2.00x3.00	2.10 or 2.50	White	15	10
			Mixed	17	10
			PVC transparent	20	10
TEAM	3.50x3.50	2.50	White	20	15
			Mixed	25	15
			PVC transparent	30	15
HOME	2.00x2.00	2.00	White	10	8
	1.50x1.50		Mixed	12	8
			PVC transparent	15	8



AIRBOX	AIRFLOW (M ³ /H)	DIMENSIONS (LxWxH / cm)	MAX. ABSORBED POWER (W)	REQUIREMENTS (V / Hz)	WEIGHT (KG)
	600	72 x 55 x 52	170	230 / 50-60	50



RECOMMENDED PRODUCTS

PORTABLE PRODUCTS

AIR+ 600 & AIR+ 300/430 "S" are air recirculation units aimed for professional and home use. They filter and purify polluted air transforming it into **pure air, free from contaminating particulates and ozone**, and with a reduction of toxic, irritant and carcinogen **gases to comfortable limits**.

BUBBLE PURE AIR EFFECT IN YOUR CABIN

AIR+ 600



AIR+ 600	AIRFLOW (m ³ /h)	DIMENSIONS (LxWxH / mm)	MAX.ABSORBED POWER (W)	REQUIREMENTS	WEIGHT
	600	725 x 553 x 593	170	230 / 50-60	50

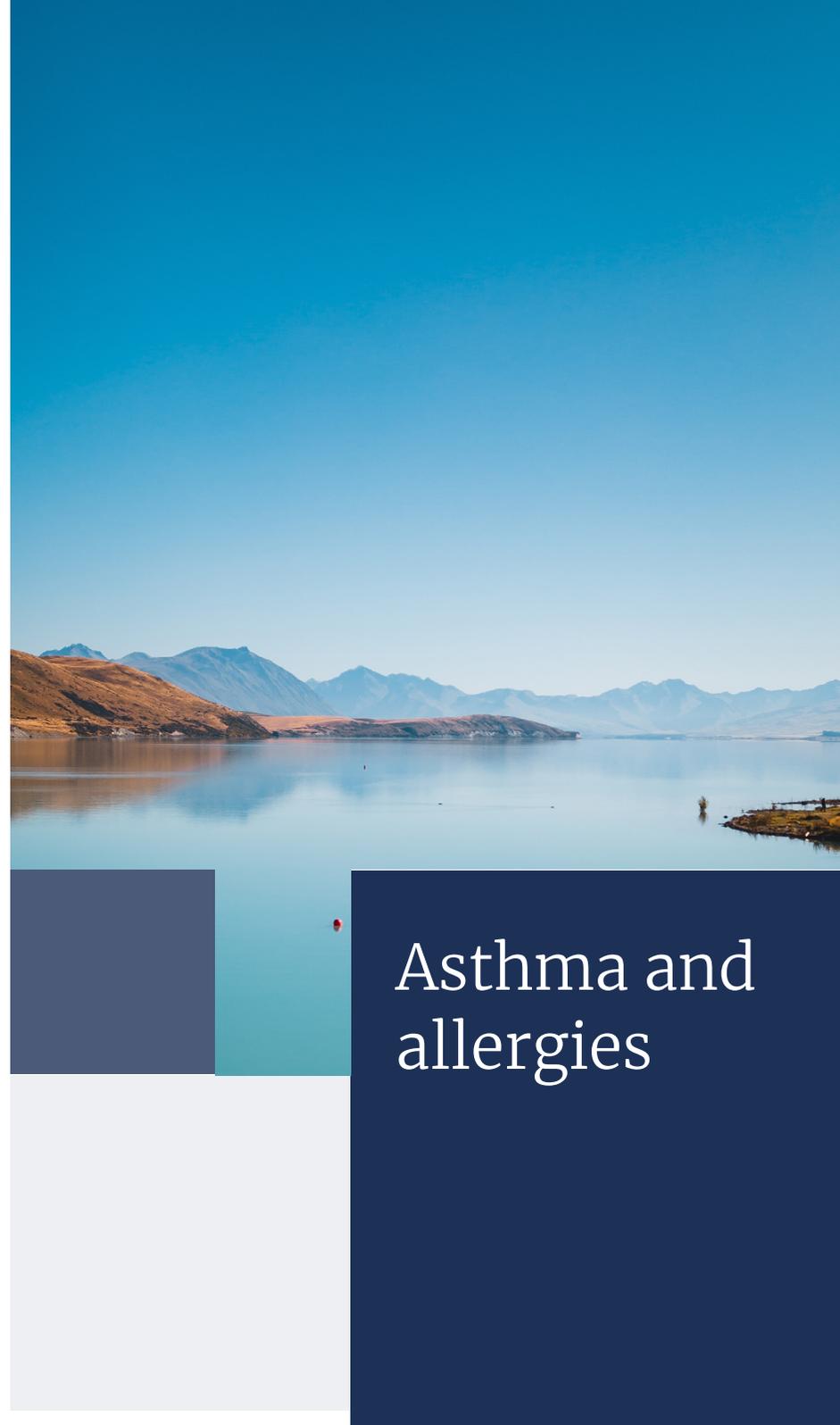
AIR+ 300 /430 S



AIR+ 300-430 "S"	AIRFLOW (m ³ /h)	DIMENSIONS (LxWxH / mm)	MAX.ABSORBED POWER (W)	REQUIREMENTS	WEIGHT
	332 / 430	382 x 380 x 791	87 / 165	230 / 50-60	30



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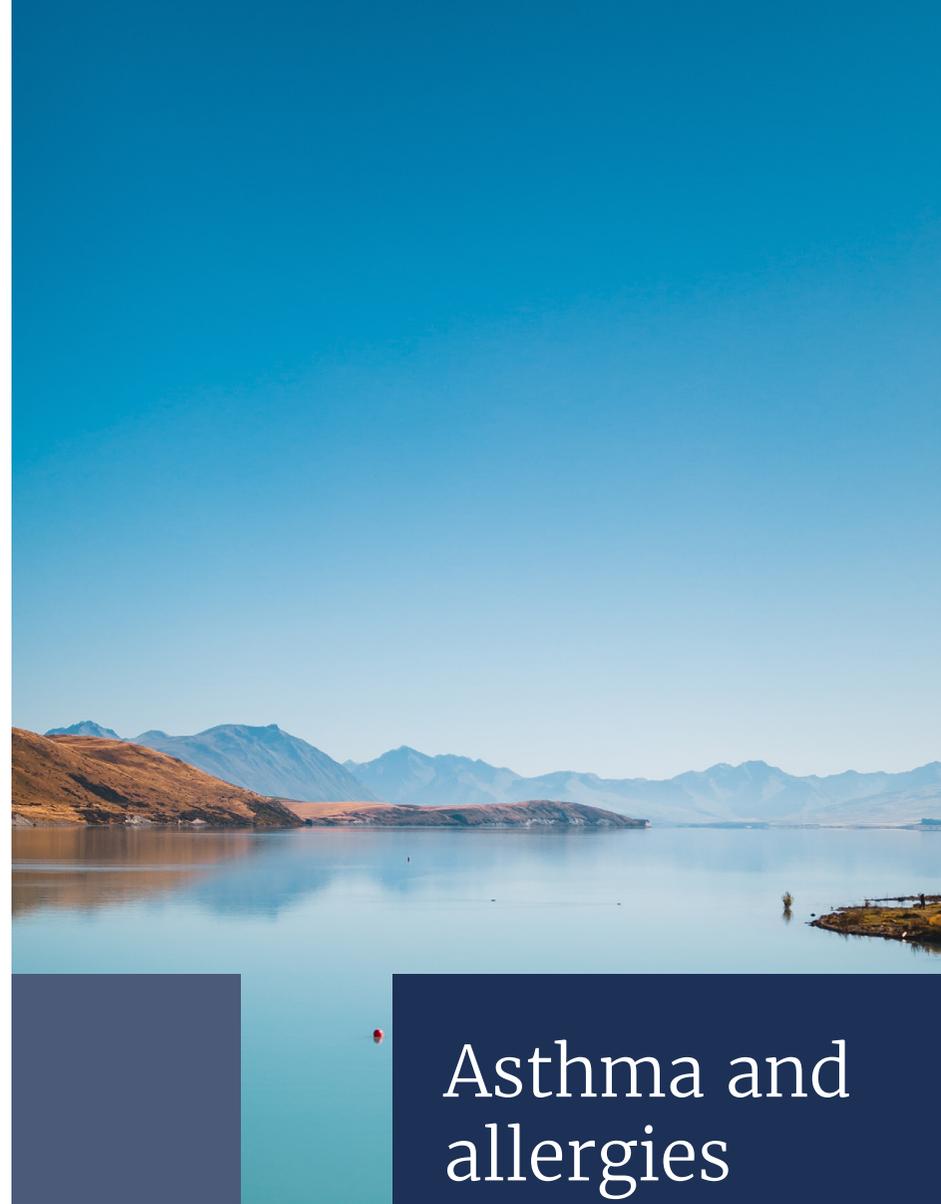


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