



**ZONAIR3D™**  
PURE AIR, JUST BREATHE



Airports

**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**





## BRING YOUR GUESTS CLOSER TO PURE LIVING

**Air pollution** has been recognized as a major **health problem** which increases in areas such as airports affecting everyone. Moreover, **direct associations** have been found between **pollution** and **respiratory symptoms**, asthma exacerbations, lung growth and development of asthma.

Zonair3D™ transforms spaces into **pure atmospheres**, creating exclusive surroundings, an oasis of purity and well-being, a safer place than others. It converts your space into a lung for your city.





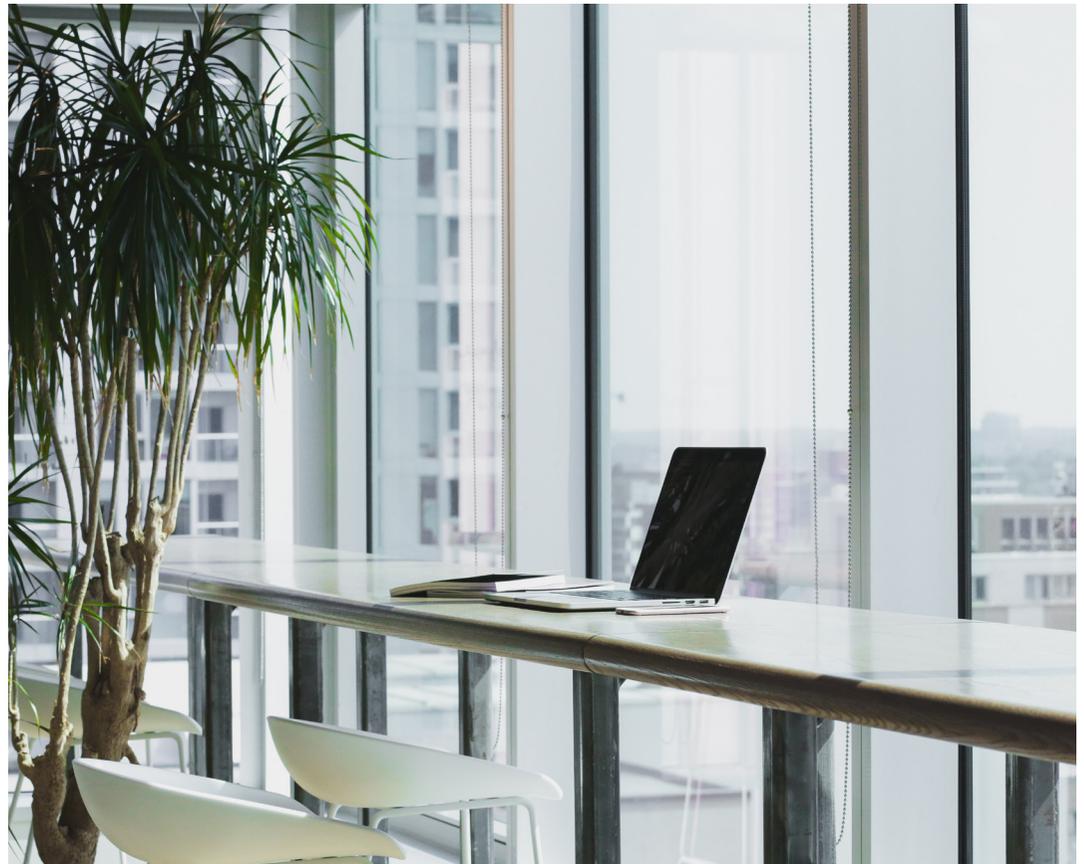
## EMISSIONS

Indoor pollution is the result of the combination of physical, chemical and biological factors, as well as specific ventilation criteria.

Indoor pollution sources come from external pollution especially at airports, but also biogenic emissions as a result of the human activities carried out inside, ventilation and air conditioning systems, as well as cleaning products, materials and furniture in the building.

The latter, as part of interior design and decoration, as well as the cleaning process of the building, can be divided into four groups:

- 1) **Wet products:** paintings, solvents, varnishes, adhesives, fillers, sealers, etc. They emit mainly while wet, but can keep on emitting for the first ours or days after being applied. Some of them may even last for months and years.
- 2) **Dry products:** wood, textile materials, floor and wall coatings. The peak for emissions is when being unwrapped, but melamine and those coatings containing formaldehyde resins can emit for years.
- 3) **Collectors:** wood, paper and textile products can retain some components in the air, such as odors, cleaning products and volatiles compounds, and emit them back to it when conditions are favorable (temperature changes or ventilation may have an influence in favoring the emission).
- 4) **Cleaning and preserving products:** all of them emit compounds having an influence in the air quality.





"Comfort and well-being at the airport."

Offer pure air zones, state-of-the-art wellness spaces for both travellers and employees alike, meeting the latest customer needs and wellness requirements.

The **best indoor air quality** without side effects.



#### APPLICATIONS

- Business Lounge
- Vip areas
- Rest areas

#### BENEFITS

- A **better air quality** improves performance and rest.
- **Better** physical and mental **oxygenation**.
- It **regenerates** the respiratory pathways. Do you have any respiratory allergy or asthma? Then this is your sanctuary.
- More **productivity** and **relaxation** in your business trips.
- **Faster** and more **efficient physical recovery**. Longer and better rest.
- A **more attractive Business Lounge**, to conduct business and to rest.
- Bacteriological and allergenic-**free spaces** (for example, mites).
- It **reduces odour** problems and the dispersion of **gaseous pollutants** coming from materials and cleaning products.



## RECOMMENDED PRODUCTS

### PORTABLE PRODUCTS

**AIR+ 600i & 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**.

#### AIR+ 600i



AIR+ 600	AIRFLOW (m <sup>3</sup> /h)	DIMENSIONS (LxWxH / mm)	MAX.ABSORBED POWER (W)	REQUIREMENTS	WEIGHT
	500	596 x 553 x 772	169	230 / 50-60	50

#### AIR+ 300 /430 S



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



## 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	DOME 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



AIR+ 600i BB	AIRFLOW (M³/H)	DIMENSIONS (LxWxH / cm)	MAX. ABSORBED POWER (W)	REQUIREMENTS (V / Hz)	WEIGHT (KG)
	482	59 x 55 x 84	168	230 / 50-60	51



## RECOMMENDED PRODUCTS

### AIR PRO Range

**Air Pro range** is an innovative air purification system that brings pure air to building interior. With a wide range of flow rates, Air Pro purifies the air in indoor spaces without being seen.

#### AIR PRO 100/300



#### AIR PRO 500/3000



PRODUCT RANGE	FLOW (m³/h)	DEVICE MEASURES (H x W x L / mm)	WEIGHT (kg)	CONSUMPTION (KW)
AIR PRO 100	195/115	207 x 639 x 929	45,5	0,027
AIR PRO 300	300/140	207 x 639 x 929	46	0,055
AIR PRO 500	500	310 x 972 x 1104	84	0,164
AIR PRO 800	800	310 x 972 x 1104	85	0,328
AIR PRO 1200	1200	353 x 972 x 1104	92	0,518
AIR PRO 2000	2000	414 x 1174 x 1504	175	1,034
AIR PRO 3000	3000	414 x 1174 x 1504	180	2,198

Real-time monitoring.  
We make it visible.

Zonair3D IAQ gauge is an innovative **indoor air quality monitoring and control system**. Connecting the gauge to Zonair3D™ AIR PRO range, and thanks to the integrated sensors of particles and gases, it allows you to **visualize** the quality of the air inside the buildings both locally and integrating the signal in any intelligent control system remote, while allowing you to **regulate the operation** of the purifier to achieve optimal air quality.



PM 2.5 [µg/m³] EVALUATION

VERY GOOD	0 to 15
GOOD	16 to 25
LIGHT POLLUTION	26 to 40
MEDIUM POLLUTION	41 to 60
HEAVY POLLUTION	61 to 100
SERIOUS POLLUTION	101 to 500





## REFERENCES

“There is an approximately linear relationship between the percentage dissatisfied with indoor air quality (from 20–70%) and the measured decrement in performance.”  
“[...] accompanied by negative effects on general symptoms such as headache and concentration.”

Wyon, D.P. 1996. “Indoor environmental effects on productivity.” *IAQ’96 Paths to Better Building Environments* pp. 5–15. ASHRAE.

A system that allows us to breathe air with a very low level of particles and biological agents for a certain amount of hours will help us reduce, to a great extent, the possibility to suffer respiratory and cardiovascular diseases.

Roca, F.J. “Uso de Aire Purificado. Ventajas” (2009)

«We are using the pure air bubble with the Bilbao Basketball team for physiotherapy treatments. I have noticed that I recover faster and that I sleep more easily, despite being tired.»

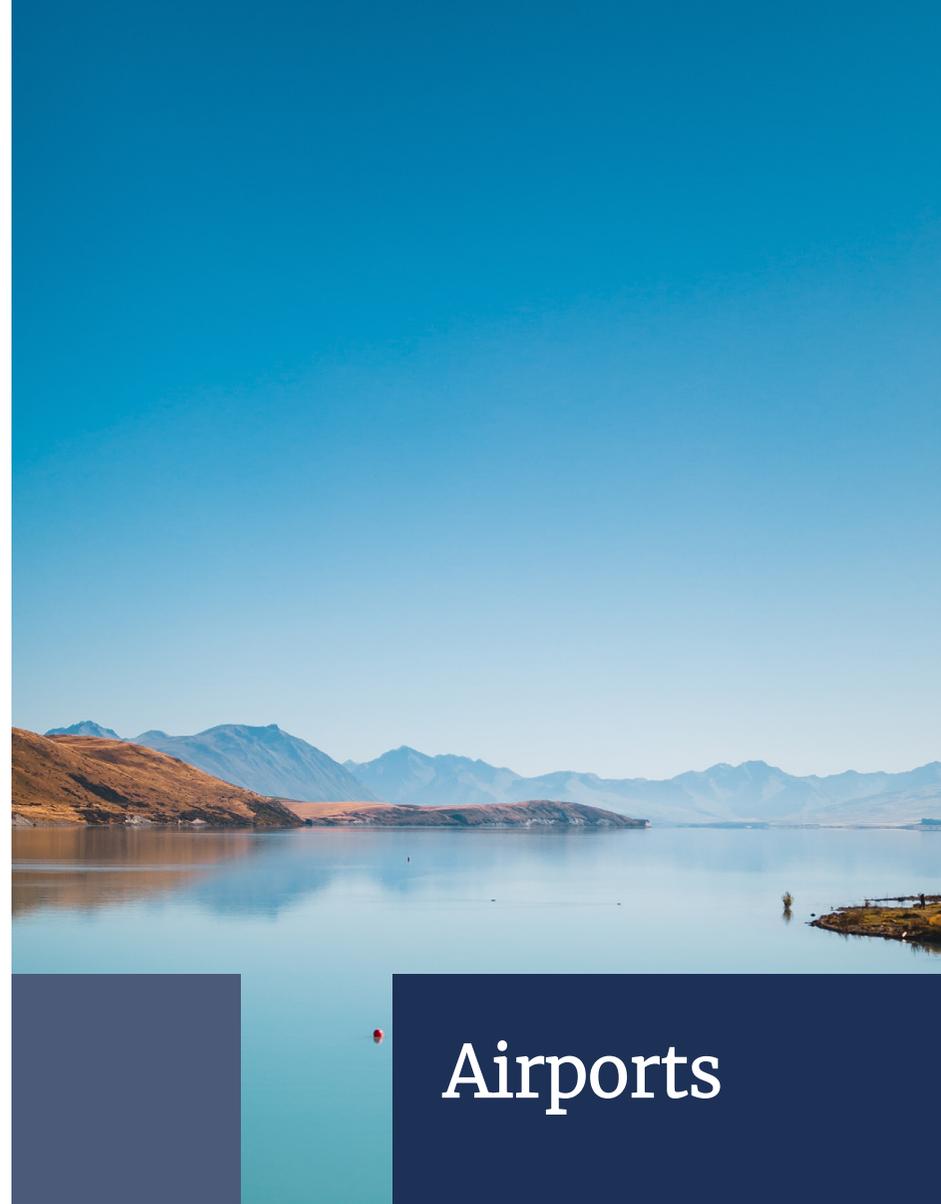
Alex Mumbrú, Professional basketball player.





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