

Air Care: Healthy Working Places

XAVIER TRILLO ROCA

ZONAIR3D



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PURE AIR, JUST BREATHE



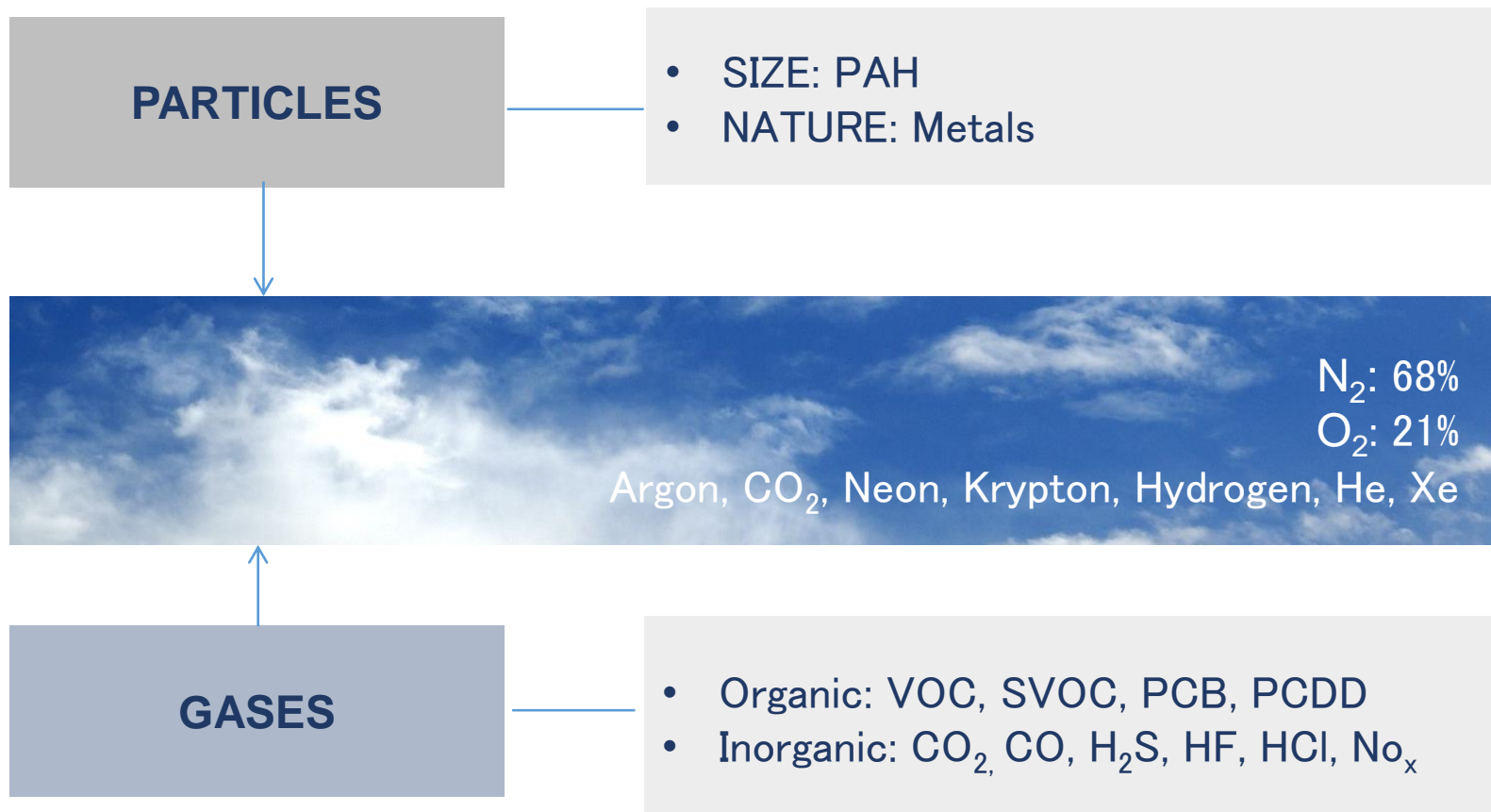
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PURE AIR, JUST BREATHE

ZONAIR3D

In collaboration with
scientific **research centres**,
offers **technological solutions**
related to the **AIR** we breathe.



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OUTDOOR



METEOROLOGY



ACTIVITIES



CONTROL LEVEL



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INDOOR

Here we spend
80% of our time!!

OUTDOOR



Activities

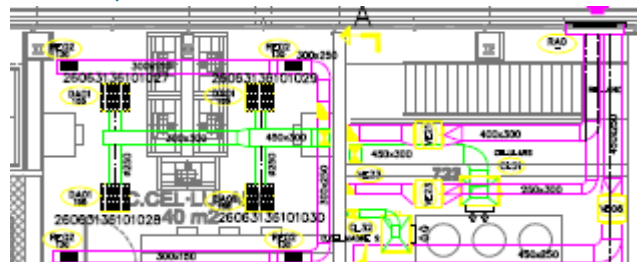
Material emissions

Cleaning products

Biogenic emissions



ARCHITECTURE



VENTILATION SYSTEM



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GAS REDUCTION SYSTEM (GRSystem)

TYPE GRSYSTEM	TOXIC GASES ABSORPTION
GRS 1 CLEAN AIR	VOCs (type A), O ₃
GRS 2 HEALTHCARE	Formaldehyde (HCHO) , VOCs (type A), O ₃
GRS 3 ORGANIC	Ammonia (NH ₃), Amines, VOCs, O ₃
GRS 4 LAB	Ethanol, Formaldehyde, Light Alcohols, VOCs (type B), O ₃
GRS 5 SMOKE	NO ₂ , NO _x , SO ₂ , SO _x , O ₃ , VOCs (type B)
GRS 6 POOL	Chlorine, Hydrocarbons, VOCs (type A), O ₃

Activated Carbon
Zonair3D Technology

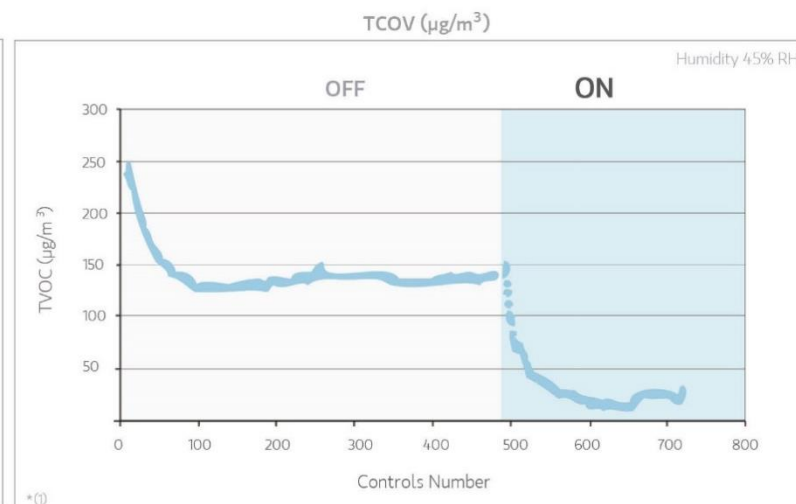
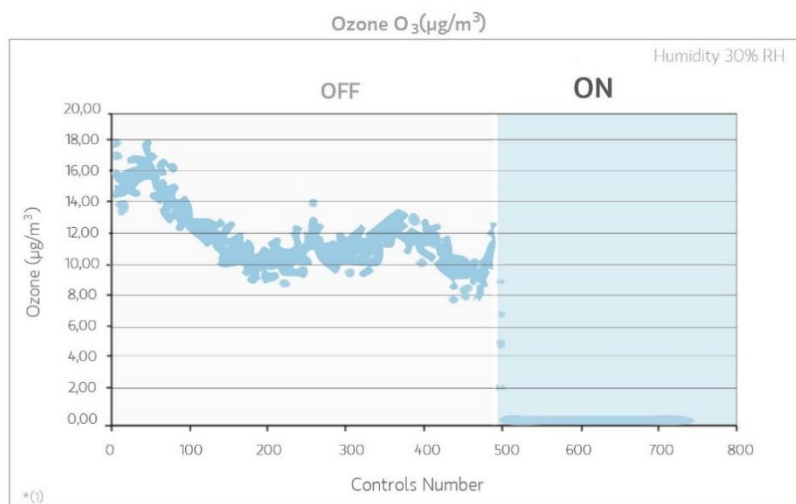


Type A: High and medium molecular weight
Type B: Low molecular weight



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GRAPHIC RESULT - GRS1 Efficiency Test





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Patio Foster Building

Address Las Condes-Santiago
Number 17 offices

Total constructed area 20.600 m²

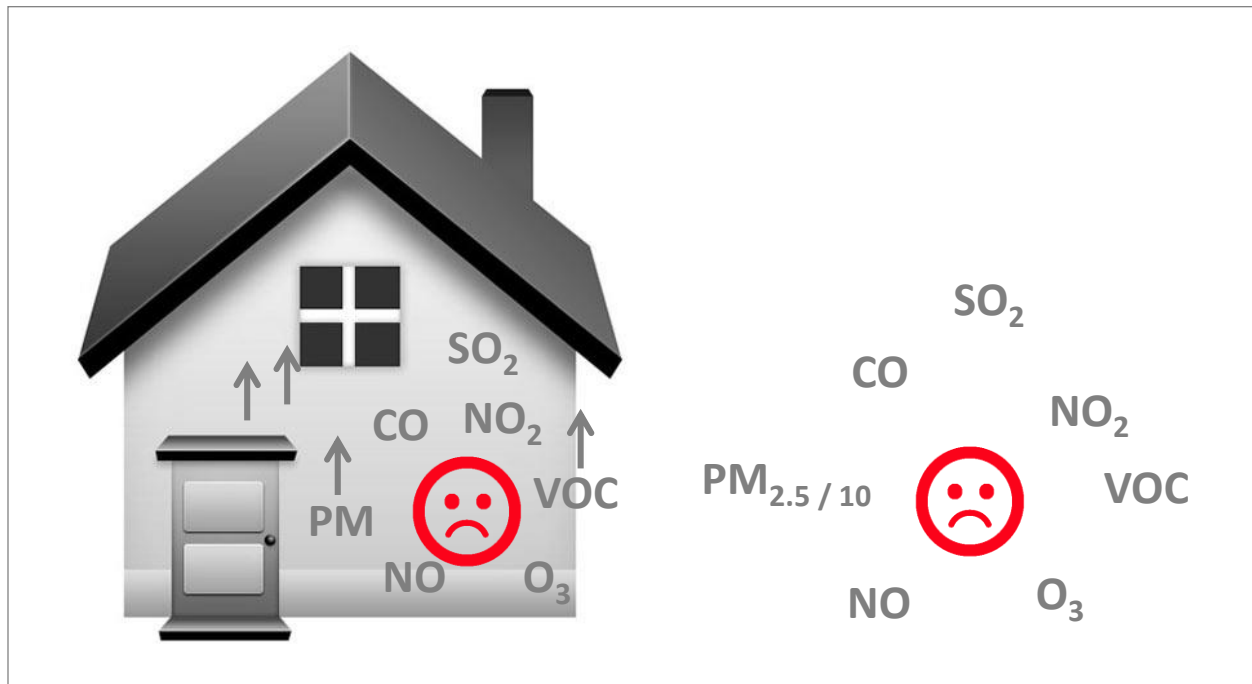




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No system installed

Current situation at home without any air purification system.

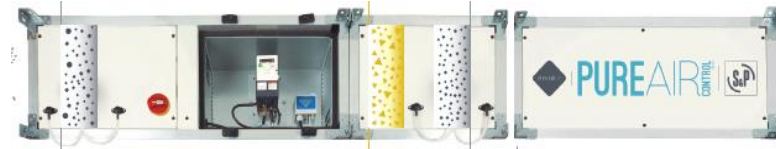




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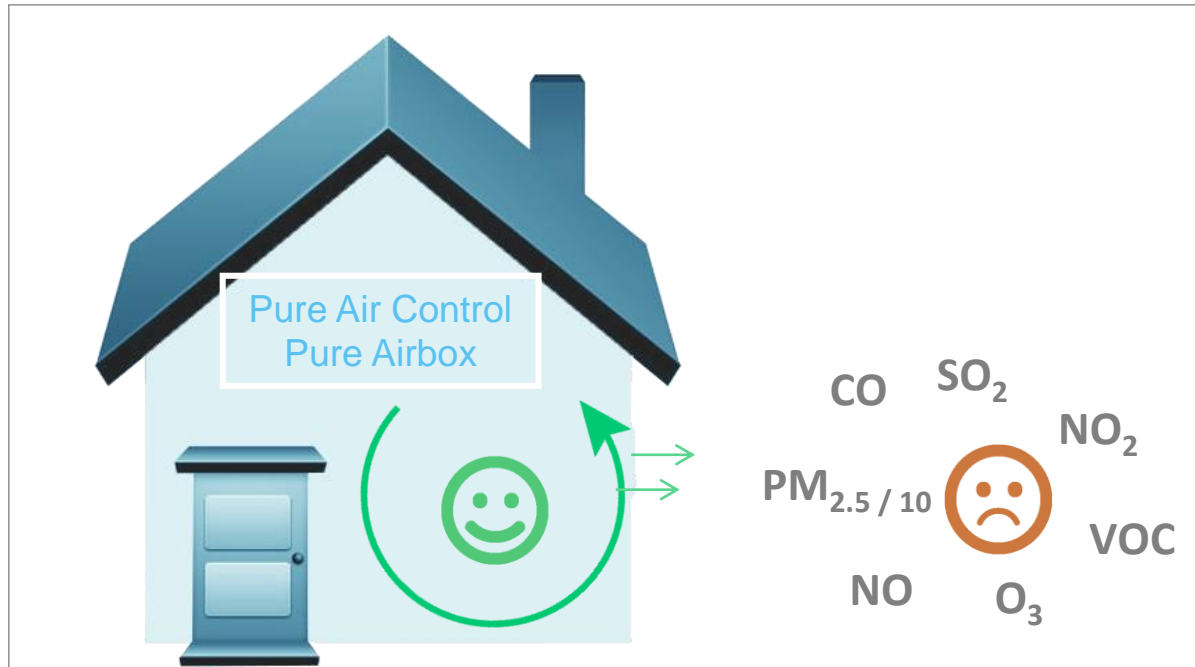
Pure Air Control

Pure Air Recirculation /
Renovation (+ E-PAC) Systems



Pure Airbox

Mobile Pure Air Recirculation Systems.

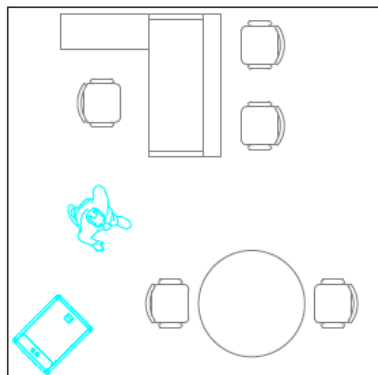




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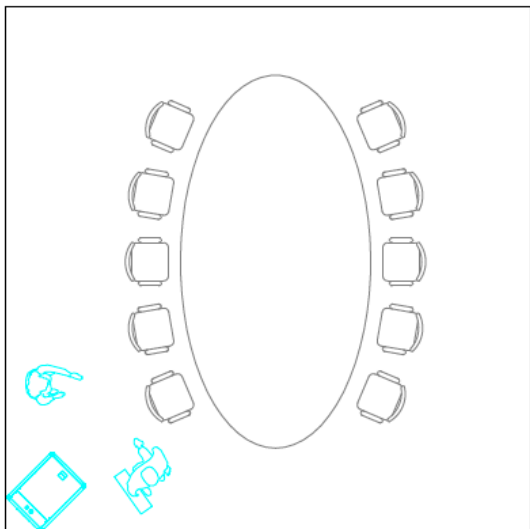
PURE AIRBOX - OFFICES

OFFICES BUILDING OFFICE



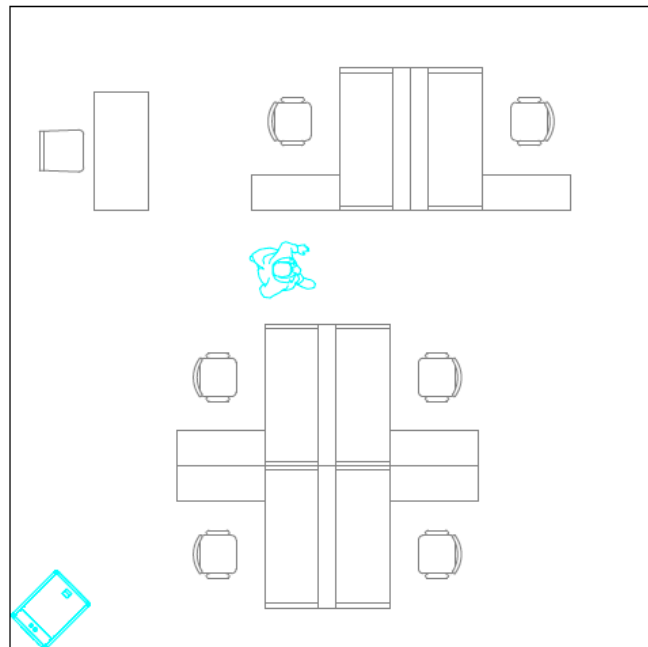
	POSITION 2	FLOW = 132 m ³ /h
	SURFACE = 17,6 m ²	CLEANING TIME = 20"
	AIR VOLUME = 44 m ³	HEIGHT = 2,5 m

OFFICES BUILDING MEETING ROOM



	POSITION 4	FLOW = 264 m ³ /h
	SURFACE = 35,2 m ²	CLEANING TIME = 20"
	AIR VOLUME = 88 m ³	HEIGHT = 2,5 m

OFFICES BUILDING WORK SPACES



	POSITION 6	FLOW = 396 m ³ /h
	SURFACE = 52,8 m ²	CLEANING TIME = 20"
	AIR VOLUME = 132 m ³	HEIGHT = 2,5 m



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PURE AIR OFFICES

HEALTHY WORKING PLACES



- Happier workers
- Higher productivity
- Reduced absentee rates
- More desirable places to work, conduct business and to rent



THANK YOU!



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