Airframe®

MEDICAL GRADE AIR PURIFIER

Every breath you take is a vital need.

In a healthy adult at rest, the average breathing frequency (a.k.a. respiratory rate) is 15 breaths per minute = 900 breaths per hour = 21600 breaths per day.

This is almost 15Kg of air per day: more than 8 time the average quantity of food.

Breathing healthy air helps reduce illness, improve sleep, work productivity, mental health and promote a better quality of life.

How to make the air we breathe healthy?

OVER

AirFrame® MEDICAL GRADE Air purifier

The medical-grade air purifier designed for healthcare facilities, medical clinics, schools, waiting rooms and any other place that needs cleaner and safer indoor environments.

More than an air purifier, more than a Made in Italy design...

CrossField® is a unique technology that eliminates 99,9%* of PMs (including ultra-fine particulate - with a diameter lower than 0.3 micrometers, as for SARS-COVID-19 and FLU virus), allergens, viruses, bacteria, fungi, spores and mould with immutable performance, acting where the other filtering system fail.

AirFrame® has been designed and tested in the laboratory to be Ozone free*.

Why choose AirFrame® instead of traditional filter?

AirFrame® is a filter-free, minimal maintenance system, compared to standard HEPA filters which get clogged and need to be frequently substituted.

With AirFrame®, you simply clean our device with the wipe of a cloth and never have to worry about releasing any harmful pollutants that's been captured.

QUIET RUNNING

Like a whisper, subdued, indistinguishable from the background noise, so as not to even be noticed.

REMOTE CONTROL

The app lets you control your device from anywhere, schedule the operation, track real-time and historical indoor air pollutant and provides a guidance on alerts status.

EASY TO INSTALL

Plug-and-play device: 4 screws and everything is done. A template to help you with the wall mount is included in the packaging.

ECONOMIC

No filters to replace, so no additional costs to buy spare parts, no risks in obsolescence, and no waste disposal.

*Testing in accredited laboratories

Indoor air quality is a value that changes dynamically every day depending on several factors.

HYGIENIC

No needs disinfection activities

PROTECTIVE

Inactivation rate for virus, bacteria molds, spores and other bio-pollutants in the air > 99,9%*

OZONE FREE

Designed and tested in the laboratory to be Ozone free

MONITORING

Availability of data, real-time and historical, on indoor air quality to identify its level of pollution and enable corrective actions to achieve a healthier and safer environment.

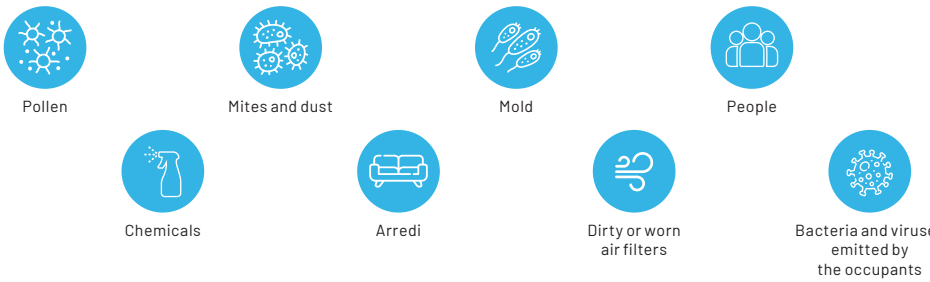
ULTRA-COMPACT

All the effectiveness of AirFrame® in just 82x52x12 cm

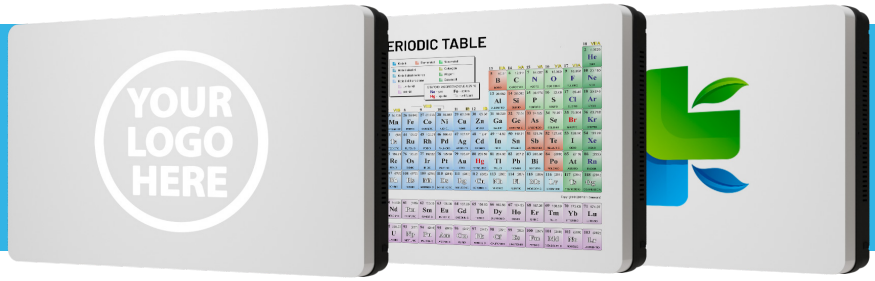
Every breath you take is a vital need...

Air pollution is a deadly, artificial problem responsible for the early deaths of some seven million people yearly, around 600,000 of whom are children. It is estimated that 90% of the world's population breathes polluted air. Special attention must be taken in tackling indoor pollution to preserve:

- children: are more vulnerable to breathing polluted air than adults because their airways are smaller and still developing. They also breathe faster than adults, inhaling more polluted air.
- elder people: deaths associated with exposure to particulate matter are twice as high among older people than in their younger counterparts. Air pollution can exacerbate the cognitive decline in older people and speed up the rate of lung function decline associated with ageing.
- complex environments such as hospitals: require special attention to ensure healthful indoor air quality to protect patients and healthcare workers against hospital-acquired (nosocomial) infections and occupational diseases.

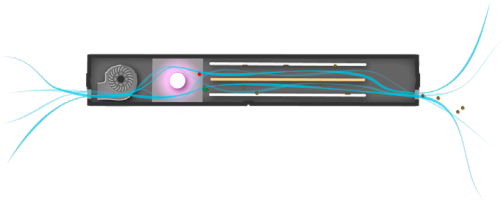


Not only an electronic device. AirFrame® is a wall decoration, you can choose between different covers or ask for a customized version (for example with your logo).



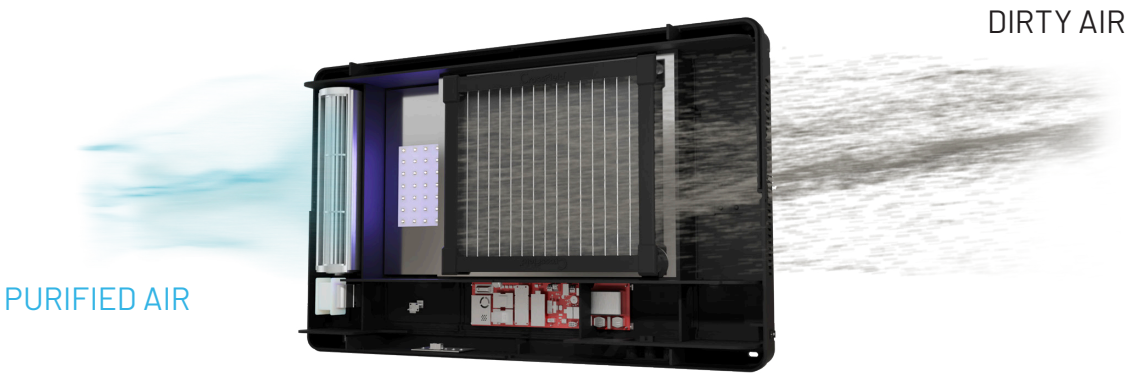
CrossField®

How it works?



The air pass primarily through the electrostatic filter that traps pollutants and kills or damages bio-pollutant. Then the air than pass thought **UV-C rays** where the sanitation process is completed.

This unique technologies combination allows CrossField® to be effective on bio pollutants where the other filtering technologies fail.



Power Supply	220V/50 Hz
Weight	12,5 Kg
Dimension	82x52x12 cm
Energy consumption	26 W – 57 W (Eco mode speed 1 - Boost mode speed 3)
Measured parameters	$PM_{(1, 2.5 \& 10)}$, temperature, humidity, IAQ index, CO_2, VOC index. On request : CO, formaldehyde, O_3, NO_2, SO_2
IP	2X according with IEC 60529 26-57 W
How to connect	Bluetooth – Wi-fi 2.4 GHz
Operating temperature	10-50°C
Noise levels	30 dB – 60 dB
Relay output	Dry contact max. load 250V - 2A
Air Volume treated at max setting (Fan mode):	230m^3/h

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