Airframe®

MEDICAL GRADE AIR PURIFIER FOR HEALTHCARE

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?

The medical-grade air purifier has been designed to suit healthcare facilities, dental offices, medical practices, waiting rooms and other places that need the cleanest and safest indoor environments.

OVER

MEDICAL GRADE Air purifier

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

AirFrame® thanks to CrossField® technology enhances people's health and quality of life.

Eliminates **99,9%*** of PM (including Ultra-fine particulate - with a diameter lower than 1 micrometer, as for SARS-COVID 19 and FLU virus), allergens, virus, bacteria, fungi, spores and mold.

AirFrame® is the unique air purifier that not only filters dirty air but can trap and destroy microbial pollution and ultra-fine particle that a standard HEPA is not able to filtrate.

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

Indoor air pollution in a hospital environment represents a serious threat to the health of patients and healthcare workers. The quality of indoor air is crucial in preventing hospital infections (nosocomial) and occupational diseases, but it is often overlooked.

Patients in the hospital are particularly vulnerable to the harm of polluted air, as their immune systems are compromised due to their medical conditions. In addition, the elderly and children are more exposed to the risks of indoor air pollution, as they have smaller airways that are still developing and breathe faster, inhaling more polluted air.

Healthcare workers, who spend a lot of time in the hospital, are also exposed to the long-term risks of indoor air pollution. Air pollution can worsen the cognitive health of the elderly and accelerate the decline in lung function associated with aging.

Pollen

Mites and dust

Mold

People

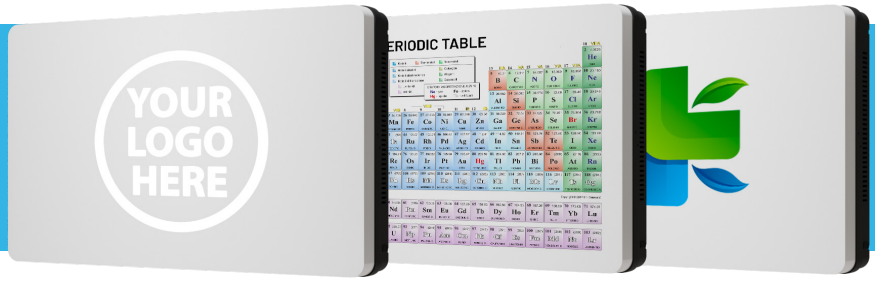
Chemicals

Arredi

Dirty or worn air filters

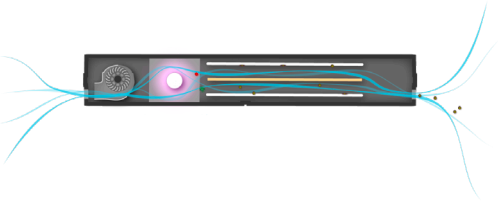
Bacteria and viruses emitted by the occupants

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).



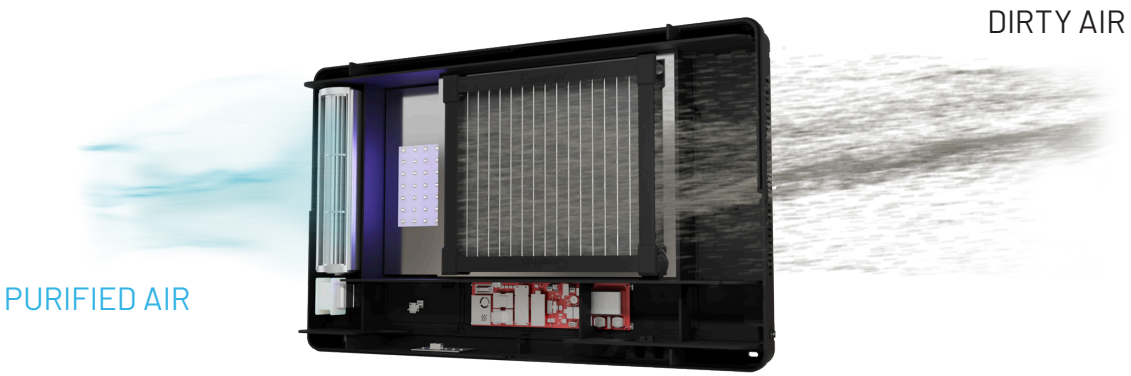
CrossField®

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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