



**Airframe®**

MEDICAL GRADE AIR PURIFIER FOR SCHOOL

**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.





MEDICAL GRADE Air purifier

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

**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 mold 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

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.

### Every Breath You Take It is a vital need

Why is air pollution particularly harmful to infants and young children? Children are more vulnerable to breathing polluted air than adults because their airways are smaller and still developing. They also breathe faster than adults, which means they inhale more polluted air.

Good IAQ (Internal Air Quality) contributes to a supportive environment for students, teacher and staff performance, and a sense of comfort, health, and well-being. These elements combine to help a school in its main mission: **educating children**. Opening windows for air exchange does not prevent the free circulation of pollutants (PM10, PM2.5, CO2 such as formaldehyde, NO2, and ultrafine dust) released, for example, from printers or tables and desks. Indoor sources of pollution are greater than we think, for example:



Pollen



Mites and dust



Mold



People



Chemicals



Arredi

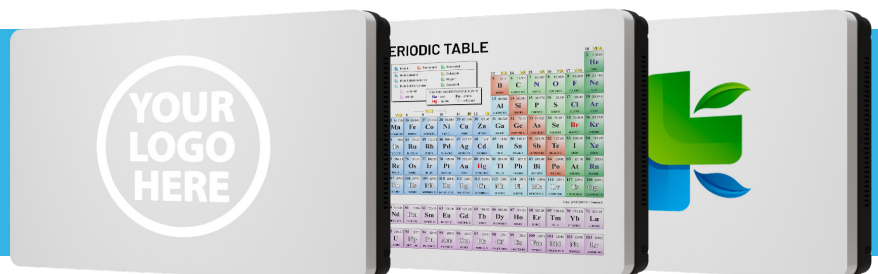


Dirty or worn air filters



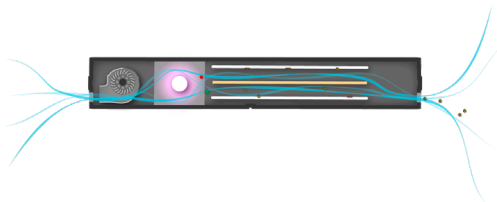
Bacteria and viruses emitted by the occupants

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).

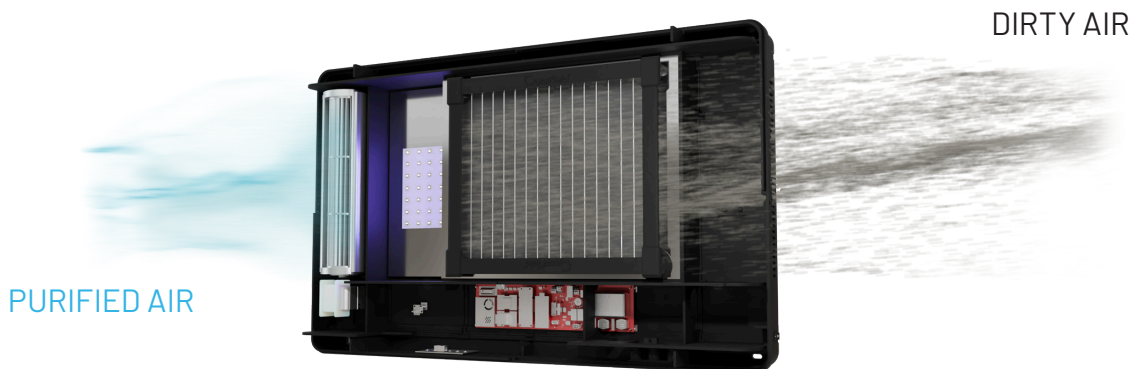


## How it works?

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 <sub>(1,2,5 &amp; 10)</sub> , temperature, humidity, IAQ index, CO <sub>2</sub> , VOC index. On request : CO, formaldehyde, O <sub>3</sub> , NO <sub>2</sub> , SO <sub>2</sub>
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 <sup>3</sup> /h

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