



HEPA 14 Medical Grade Air Filtration System

Suitable for Offices, Creches, Schools, Medical Facilities and more

Superior Indoor Air Quality

IFSA Discount Code (2022/1)

Please give membership number to avail of discount



In Built Air Monitoring System including Co2

Triple Air Filtration system using HEPA 14

**Captures at least 99.995% of Sars-CoV-2
and other Virus**

Certified Allergen Friendly

**Call Robert on 086 794 3350 to arrange a Free Onsite
Survey of your business**

Why Indoor Air Filtration is Necessary

We spend 90% of our lives indoors and yet indoor air quality is 10 times more polluted than outdoors.

The number of air changes per hour is key to the creation of “Safe Clean Air” which is free from viruses and bacteria.

Indoor air is more contaminated than outside air especially during winter months leading to the spread of viruses and sickness through airborne particles.

Air Filtration using HEPA Filtration systems is recommended by authorities such as the Centre for Disease Control, SAGE in United Kingdom and HSE in Ireland as part of the solution.

HEPA 14 Filtration captures at least 99.995% of Sars-CoV-2 and other viruses and bacteria. This results in workplaces and schools being able to provide “Filtered Clean Air” and keep people safe.

Pre-covid 19, buildings were not traditionally equipped with the necessary air filtration systems to provide clean air (recirculated air through an air condition system is not filtered clean air). **HEPA 14 Filtration Systems provide the solution for schools and businesses.**

What is a HEPA 14 Filter and a ULPA 15 Filter

HEPA (High Efficiency Particulate Filtration) Filtration systems are recognized and recommended to filter the air indoors.

HEPA 14 Air Filtration was designed for use in high-risk areas such as operating theaters, pharmaceutical production, data centers and nuclear sites.

HEPA 14 Filters which are standard on Mia Air, are at least 99.995% effective in capturing Virus and Bacteria.

ULPA 15 Filters as used in the Mia Air Tower are at least 99.9995% effective in capturing Virus and Bacteria.



Who Recommends Use of HEPA Filtration

Recommendation from the Centre for Disease Control

“SARS-CoV-2 viral particles, like other viruses spread between people more readily indoors than outdoors. When indoors, ventilation mitigation strategies help reduce viral particle concentration. The lower the concentration, the less likely viral particles can be inhaled into the lungs, contact eyes, nose, and mouth; or fall out of the air to accumulate on surfaces. Protective ventilation practices and interventions can reduce the airborne concentrations and reduce the overall viral dose to occupants.



HEPA filters are no less than 99.97% efficient at capturing human-generated viral particles associated with SARS-CoV-2. HEPA filtration units that combine a HEPA filter with a powered fan system are a preferred option for auxiliary air cleaning, especially in higher risk settings such as health clinics, vaccination and medical testing locations, workout rooms, or public waiting areas”.

Room Air Cleaner Guidance for Schools

“The implementation of the COVID-19 Response Plan is the means through which schools can best prevent the introduction and spread of COVID-19 and demonstrate that they are operating in accordance with the requirements of the Public Health advice from the Health Protection Surveillance Centre (HPSC) and the Return to Work Safely Protocol developed by the Health & Safety Authority.



An Roinn Oideachais
Department of Education

Air cleaners can assist in removal control and provide an additional measure of precaution where poor ventilation exists. They should not be used to fully replace ventilation and should be used in conjunction with and to support other methods of ventilation that are available.

Air cleaners that are based on filtration with a HEPA filter are likely to be most effective.

HSE Guidance non-healthcare building ventilation during COVID-19

“Avoid the use of air-recirculation systems in HVACs as much as possible. Use 100% outdoor air if supported by the HVAC system and compatible with outdoor/indoor air quality considerations. If it is not possible to disable the air recirculation system, then HEPA filtration or the highest efficiency filter possible according to the HVAC manufacturer’s specifications should be considered. (Increase air filtration to as high as possible).”



Seirbhís Sláinte
Níos Fearr
á Forbairt

Building a
Better Health
Service



MiA AIR

- Automatic **Real Time Air Monitoring** – including CO2
- Three Stage filtration system including HEPA 14
- HEPA 14 Filter as standard **-EN 1822**
- **Removes 99.995% of Covid 19 Virus**
- At least 99.95% effective in **elimination of other Bacteria, Viruses and Odours**
- Active Carbon Filter for removal of volatile organic compounds (odours, scents, pollutants)
- UVC light capability offers increased virus destruction
- Silent and low level noise running modes
- Large area capacity with effective area of 100 M2
- Powerful Silent Fan with 900 M3 capacity enabling use in rooms up to 100M2
- Portable, **Plug and Play**
- **Filter change by Mia Air trained Staff** after 9000 Hours of use
- Available for **Rental from €95 per month**
- Wireless Integration
- 2 Year Warranty
- Effective against Allergens



Ideal Use For:



**School Class
& Staff Room**



Creches



Offices
*Small area and
Open plan*



**Meeting
Rooms**



**Dental
Surgeries**



**Doctor
Surgeries**



Physiotherapists



MIA AIR TOWER

- Specialist Large Area System
- Powerful Silent Fan with 2000 M3 capacity enabling use in rooms up to 200M2
- Automatic Real Time Air Monitoring – including CO2
- Three Stage filtration system including ULPA 15 (Level above HEPA)
- **EN 1822 certified**
- **Removes 99.9995% of Covid 19 Virus**
- At least 99.9995% effective in elimination of other Bacteria, Viruses and Odours
- Silent and low level noise running modes
- Active Carbon Filter for removal of volatile organic compounds (odours, scents, pollutants)
- UVC light capability increase virus destruction
- Specialist fan output 2000M3 air per hour
- Portable , **Plug and Play**
- **Filter change by Mia Air trained Staff** after 9000 Hours of use
- Available for **Rental from €249 per month**
- Mobile App to enable remote tracking and activation
- Wireless Integration
- 2 Year Warranty
- Effective against Allergens



Retail Stores



Nursing Homes



Personal Service
(Hairdressers etc)



Hospitals



Churches



Police Stations



Funeral Homes

Mia Air Rental Programme

Mia Air can provide systems for rental or for purchase.

We provide systems from €95 per month which incorporates all maintenance and filter upgrades.

Our rental programme gives employers peace of mind that the equipment used to keep staff safe is being professionally managed.

The rental programme eliminates maintenance, compliance, administrative burden, and risk for staff.



Large Employer/Open Plan offices/Large Office Space

Mia Air is ideal for use in small or large office spaces.

Many large office environments struggle to deploy Floor wide or building wide filtration systems to ensure all staff are protected (Especially as people now return to work on site)

The minimisation of staff shortages due to sick leave is now a key measure in businesses as the costs and risks of employee welfare is now more important than ever.

Mia Air has launched an Enterprise Level Solution enabling large employers and large office spaces/buildings to meet the requirements for clean air provision to staff.

Our large area (Large office/Building/Open plan) solution is provided on a cost per person of €8 per person per month.



Creche, Schools & Colleges Programme

Mia Air is ideal for use in schools, creches and colleges.

We provide a special rental scheme for schools, creches and colleges based on term time usage.

This enables schools to deploy the system in all areas should they so wish economically and practically.



How the Mia Air System Works

Mia Air draws in the air using its powerful fan.

The air travels through a three stage process:

Pre-Filter to remove larger particles, then through an Active Carbon Filter which removes VOC (Volatile Organic Compounds), including Odors.

The Pre-Filtered air is then pushed through the HEPA 14 Filter which captures at least 99.995% of particles including Sars-CoV-2 and influenza.

UVC capability light further breaks down pathogens that have passed through the HEPA Filter.

The clean or filtered air is then pushed out via the powerful fan and the air is spread through the entire area of the room.

Mia Air's High-Volume Capacity (900m³) enables multiple Air Changes Per Hour to be facilitated in rooms large or small. Meaning any Virus or Bacteria is removed from the air quickly and reduces the risk of air-borne transmission.

Mia Air can be deployed in any enclosed environment and is used in conjunction with any existing air conditioning systems.

Its inbuilt air monitoring system will measure the air quality (Including Co₂) and will activate the system automatically as the air quality deteriorates.

The system provides a portable medical grade Air Filtration system designed to run at low noise levels in schools, creches, offices, medical facilities and nursing homes.





Mia Air is designed and manufactured by Mikropor, a specialist filter manufacturer with 35 years' experience in filter design, manufacturing and supply to industries such as Health, Medical, Surgical, Atomic, Electronics, Automotive, Pharmaceutical and Retail.

Mikropor employs 1,000 people across its five production plants in Europe, Turkey and USA. Exporting to 150 countries worldwide.

Mikropor Partners & Customers



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