

Air Purifiers (UV-AP)

Purifying to protect.

Protecting your staff
and customers from
airborne viruses, odours
and dust particles.



BENEFITS INCLUDE

- 99.99% particulate filtration
- Filtration technology up to 6 stages
- 100% ozone free
- HEPA filters
- Replacement filters available
- Energy efficient
- CE Marked

Our mobile air purifiers are simple and compact plug and play units.

Our range of air purifiers are designed to clean the indoor air and have an airflow rate of between 260m³/h and 1200m³/h.

This compact air cleaner is energy-efficient and very quiet. It has a power consumption of between 28 and 59 Watts and a noise level of between 34 and 51 dB.



ACE Filtration
CLEAN AIR FOR ALL

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ACE Filtration manufacturers of high quality commercial and industrial air filtration products.

Air Purifiers

Purifying
to protect

Air Purifiers

Our range of AIR8 air purifiers contribute to a healthy indoor climate. The units come with automatic particle detection which can adjust the fan speed to clean the room faster.

Each unit uses a HEPA filter (High Efficiency Particulate Air) which is a medical quality filter that is 99.99% effective in capturing fine air particles, dust and pollen.

Because of this, HEPA filters also help relieve symptoms of hay fever, asthma or house dust mite allergy.

A powerful and unique 6-stage filtration technology

- 1 Pre-filtration** - A protective layer for a long-lasting HEPA filter.
- 2 Carbon filtration** - A defense against chemicals and odours.
- 3 Cold Catalyst** - An optimal filtration system to remove invisible gases.
- 4 HEPA filtration** - TUV certified filters providing clean air.
- 5 UV-GI light** - Unrivaled technology removing 99.99% of particles.
- 6 Ioniser** - An advanced way to further neutralise floating particles.

SPECIFICATIONS

	AIR8 260i NANO	AIR8 280i NANO	720i EDGE	AIR8 1200i PRO
Power Supply	220-240V	220-240V	220-240V	220-240V
Consumption	28/59 Watts	15/53 Watts	7/82 Watts	43/113 Watts
Sound	34/51 dB	15/53 dB	34/59 dB	35/53 dB
Filter	6 Stage	6 Stage	5 Stage	4 Stage
Capacity	260m ³ /h	280m ³ /h	720m ³ /h	1200m ³ /h
Dimensions (mm)	550 (L) 210 (D) 330 (H)	640mm (L) 190mm (D) 350mm (H)	675mm (L) 245mm (D) 490mm (H)	1320mm (L) 320mm (D) 570mm (H)
Weight	5.9kg	6.8kg	16kg	43.5kg
Child Lock	Yes	Yes	Yes	No
Remote Control	Yes	Yes	Yes	Yes



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UV Air Filtration (UV-AF)

**Because
every breath
matters.**

Combat the spread of
infection that ensures
clean, more hygienic air.



BENEFITS INCLUDE

- Kills 99.99% of all airborne viruses
- High efficiency technology
- Can be retro fitted into existing HVAC systems
- Unique safety sensor
- Multiple flange fixings available
- Bespoke sizes manufactured
- * Can be linked to BMS

Our UV Air Filtration unit sits directly in the air stream and can feature from 2 to 16 high-output UV-C lamps to provide enough UV energy to disrupt the virus's DNA.

UV-AF unit inactivates micro-organisms by attacking their DNA, permanently destroying and altering the molecular structure, leaving them unable to replicate or grow.



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UV Air Filtration

Because every
breath matters



UV Air Filtration (UV-AF)

Photocatalyst Filtration

A filtration made from titanium oxide that chemically absorbs remaining pollutants, exhaust fumes and Volatile Organic Compounds (VOCs).

It removes odours as well as providing long term anti bacteria qualities to the air providing an even safer working environment.

Our UVAF range incorporates:

- UV-C lamps are shielded by their module to reduce the collection of dirt on their surface thus extending to their optimum efficiency
- The ability to provide the units in a simple format or fully monitored with each module of lamps able to provide a local alarm or a signal if in fault

For UV-AF applications we use non Ozone producing lamps

Germicidal lamps utilise powerful UVC wavelength to destroy disease-causing germs including viruses, bacteria, fungi, protozoa and algae, effectively sterilising and purifying air, water and surfaces.

UVC disinfection targets the nucleic acid of these harmful cells, rearranging the genetic information, or DNA, and rendering them harmless.

As the UVC radiation is absorbed into the cells they become unable to reproduce or multiply to infectious numbers and are considered inactive or dead.

SPECIFICATIONS

	AF02/MVHR	AF04/FC	AF04/16/AHU
Power Supply	220/240V 50Hz	220/240V 50Hz	220/240V 50Hz
Energy Consumption	205 Watts	410 Watts	410 to 1640 Watts
Max Air Volume	Up to 0.33m ³ /sec	Up to 0.38m ³ /sec	Up to 1.4m ³ /sec
Dimensions (mm)	500 (W) 300 (H) 635 (L)	1050 (W) 280 (H) 635 (L)	500-900 (W) 380-635 (H) 640 (L)
Weight	15Kg (Approx)	28Kg (Approx)	20-70Kg (Approx)

The above are currently our standard sizes however bespoke units can be made to your fit your specific unit sizes.

Safety and Compliance are at our core

Using guidelines set by ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) and CIBSE (Chartered Institution of Building Services Engineers) our engineers have been able to take the required measurements and exceed them by consistently being able to produce enough irradiation in our units to neutralize 99.99% of airborne virus.



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Fresh Air Delivery Systems (FADS)

Making air quality a priority.

High-Performance fresh air delivery system to reduce the level of CO₂ in rooms.



BENEFITS INCLUDE

- 3 Fan Speeds with Touch Screen
- Automatic Mode
- Dual Electric Heaters
- Built-in CO₂ Sensor
- Bespoke control system
- Wall or floor mountable
- Quick & easy install

Our Fresh Air Delivery Systems (FADS) are designed to combat high levels of CO₂ in schools, universities and offices, where there is a lack of ventilation or no HVAC system.

FADS are a cost effective way to bring fresh air directly into your building.

Our Maxi and Maxi-F units are quick and easy to install which means you will be up and running in no time.



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Fresh Air Delivery Systems

Making air quality a priority.

Fresh Air Delivery Systems (FADS)

ACE Filtration we have been delivering clean air solutions for over 30 years.

Our range of Fresh Air Delivery System are ideal in situations where natural fresh air circulation presents a problem.

The solution is to install an ACE Filtration Fresh Air Delivery System.

Our FADS range incorporates:

- 3 fan speeds which can be set in both automatic mode which works in accordance with the CO_2 levels as well as manual mode
- Dual electric heaters which are enabled when the outside temperature reaches 14° or less
- FADS come with or without a removable F6 grade air filter

Designed with the safety and productiveness in mind.

After extensive monitoring at various schools, colleges and work spaces, it is evident that CO_2 levels are far beyond the acceptable limits.

This causes lack of required oxygen to the brain resulting in tiredness, lack of focus and overall poor mental health.

Our FADS unit assists in lowering CO_2 levels without the requirement of an HVAC system or opening of multiple doors and windows, especially in the cold winter months.

The FADS unit has two built in electric heaters allowing for the air to be heated to a comfortable temperature before entering the occupied zone. The system also comes with an optional F6 filter to remove unwanted air particles, creating a safer environment for all.

SPECIFICATIONS

	Maxi FADS Unit	Maxi-F FADS Unit
Dimensions (mm)	450 (W) x 365 (D) x 800 (T)	450 (W) x 365 (D) x 1000 (T)
Control	Touch screen, IR remote	Touch screen, IR remote
Mode	Manual, Automatic	Manual, Automatic
Filter	None	F6 Multi Wedge
Sound	32.5/50 dB	32.5/50 dB
Air volume at speed 1	80L/s	80L/s
Air volume at speed 2	130L/s	130L/s
Air volume at speed 3	180L/s	180L/s
Speed 1 wattage	30 Watts	30 Watts
Speed 2 wattage	50 Watts	50 Watts
Speed 3 wattage	80 Watts	80 Watts
Weight	30kg	38kg



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