



# Breathe easy.

The new AIR from Atmos-Clear



KILLS VIRUSES & BACTERIA  
ASTM E3135-18 CERTIFIED



# Be together.

## Work live and be together with total confidence

This portable air sanitising system destroys 99.9% of ALL viruses, bacteria, mould and fungi in the air and on every exposed surface - and keeps cleaning as you use it. AIR by Atmos-Clear is ideal for:



Homes



Schools



Hotels



Offices



Shops



And more



Transport



Care homes

## How AIR works

Dirty air is pulled into the unit through side vents in the base, and treated to ultra-violet germicidal irradiation using the latest UV-C LED technology.

UV-C destroys the DNA and RNA of pathogenic microorganisms - viruses, bacteria, moulds and fungi, rendering them 'disrupted' and unable to reproduce.

The air that flows out of the unit is not only clean air, but continually cleaning air - as the disrupted DNA and RNA latches on and kills airborne and surface pathogenic microorganisms to create a sanitised environment. In an area 6m x 4m x 2.5m this could take as little as 30 minutes\*.

\*Dependant on airflow, humidity, and temperature.

## Key features

- ASTM E3135-18 certified to kill 99.9% of ALL pathogenic microorganisms - viruses, bacteria, mould and fungi.
- Filterless technology - no chemicals or dangerous by-products.
- Continuously sanitises the air and exposed surfaces, whilst you're in the room.
- Boost confidence at home and work.
- It's compact, silent, and cost effective - no extras after purchase.
- Proudly made by an independent British company.



## Independently Laboratory Certified

AIR uses proven UVC technology used by hospitals, laboratories and food handling facilities to safely destroy the DNA and RNA of pathogenic microorganisms. It's ASTM-E3135-18 certified to kill 99.9% of ALL viruses, including Coronavirus, SARS, MRSA and influenza; along with bacteria, mold and fungi.

AIR has been tested for Restriction of Hazardous Substances (RoHS), which restricts the use of specific hazardous materials found in electrical and electronic products (known as EEE).



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# About Atmos-Clear

Established in 2018, Atmos-Clear are a privately owned British company providing cleaner air fossil fuel emission solutions for the manufacturing, marine and automotive industries.

In direct response to government initiatives to tackle the Coronavirus crisis, Atmos-Clear embarked on a 12-month development programme – combining proven UVC, LED technology, and over 100 years of British engineering experience to create AIR - a safe, compact, portable and affordable product for the home and work place.



AIR Midi LED UV-C sanitizing unit

Specification	Midi
Material	6060 T6
Colour	Grey / Silver
Finish	Anodised / Powder Coating
Height	101mm
Width	100mm
Depth	100mm
Wall	2.65mm
Isolator Feet	Black TPU
Assembly Fixings	304 Stainless Steel
Fan	12v Silent Air
Fan Speed	Variable
Fan Performance Cubic Meters	30 Cubic Meters Per hour
Fan Performance Cubic Feet	1059 Cubic Feet Per hour
LED Count	20
LED Light Type	257Nm
Current Consumption	1.33 Amp
Input Voltage (AIR)	11.5 - 12.5vdc
Input Voltage (AC)	120VAC - 240VAC
Input Connection	2.6amp 5.5 x 2.5 CTR pos
Input Frequency	50hz - 60hz
Control	Illuminated Steel Button
Shipping Weight	1.0 kg (2lb 3oz)
Standard Warranty	1 year
<b>Retail Cost / Unit</b>	<b>£252.00</b>

## Frequently asked questions

### What is ASTM-E3135-18?

This is American industry standard certification for determining antimicrobial efficacy of ultra-violet germicidal irradiation against microorganisms.

### Purifier or sanitizer?

Purifiers filter dust and pollen particles in the air. AIR is a sanitizer, and kill viruses, bacteria and mold to 99.9% efficacy in the air and on exposed surfaces.

### Does AIR contain filters that need replacing?

No. AIR uses UV-C technology so doesn't contain any costly filters.

### How long does AIR last?

AIR delivers 50,000 hours of use (over 5 years)

### What happens after 5 years?

Send the unit back at your cost and we will refurbish it for you - all you pay for is the new parts and shipping.

### Does it come with a guarantee?

It comes with a 30 day guarantee, and a 1 year warranty.

### How does it work?

UV-C destroys the DNA of viruses, bacteria and molds in the air and on exposed surfaces so that they can't reproduce.

### Is it safe to be used when people are in the room?

Yes. It's been developed for safe in-room use.

### How do I know it's working?

A blue light comes on, and you can feel faint air movement.

### How is it powered?

AIR is plugged into the mains.

### Is it noisy?

AIR is almost silent.

### How big is it?

About the size of a Amazon Alexa.

### Does it need all the air in the room to pass through the unit to work?

No, only a small amount of air needs to pass through in order start the 'scientific domino effect' which kills any remaining micro-organisms in the air and on exposed surfaces.

### Is the MIDI effective against mold?

Yes - in tests against black mold (*Aspergillus Niger*) the AIR Midi had a 99.9% efficacy.

### How effective is UV-C?

UV-C is known to be effective against microorganisms and has been used in hospitals, clinics, food hygiene, water processing plants, and many other applications since it was first recognised in 1877 by British Physiologist Arthur Downes and scientist Thomas P. Blunt.

### Where is the AIR made?

AIR is designed and manufactured in the UK.

### How much energy does the MIDI use in a 24hr constant cycle?

It uses 0.360 KW 24hr per day.

### I have seasonal allergies, will AIR help?

Numerous health studies have shown that germicidal ultraviolet light - uvc - is very effective against allergies.

### What are AIR's green credentials?

AIR was designed and manufactured to be 100% recyclable.

Call us on **0121 562 1952** to order AIR by Atmos-Clear

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