

# AOP Mini

## Patented Advanced Air Purification



Wall Mounted  
For Small/Medium Residential & Commercial applications

## Combats Sick Building Syndrome

Our technology is used in over 4 million installations  
in over 60 countries around the world

Live and work in an environment free of organic pollutants  
including odours, bacteria, viruses, mould spores  
pollens, dust and VOCs

To find out more visit our website or contact us:

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# Advanced Oxidation Plasma (AOP) Technology

The AOP Mini contains patented Photohydroionisation / REME technology, which significantly reduces odours, pollutants, VOCs, smoke, mould, bacteria and viruses in the indoor air and on surfaces. It creates an advanced oxidation plasma (AOP) comprising hydroperoxides, superoxide ions and hydroxide ions which occur naturally in the Earth's atmosphere and are known as Mother Nature's natural, enviro-friendly cleaning agents. The AOP is distributed throughout the indoor space breaking down and destroying organic pollutants on contact thus purifying all the air and surfaces in the property at the same time. Further, the REME technology charges the plasma which induces particles to coagulate or stick together causing them to drop out of the air. Compared to traditional passive technologies which only purify the air inside a chamber which can be re-contaminated as soon as it leaves the unit, this integrated technology is far more strategically effective.

**The AOP Mini is ideal for any naturally ventilated indoor residential or commercial environment including homes, offices, hotel rooms, receptions, lobbies, libraries, basements etc. Wall or floor mounted.**

- AOP Micro is suitable for small/medium indoor spaces such as homes, offices, hotel rooms, classrooms, GP/dental offices, receptions/waiting areas, entrance halls, patient rooms, basements etc.
- AOP Mini is suitable for medium/large somewhat larger indoor spaces

Technical specifications	AOP Micro	AOP Mini 9"	AOP Mini 9" + 5"
Method of production	AOP	AOP	AOP
Cells	5" cell	9" cell	9+5" cell
Ventilator	45 m <sup>3</sup> /h	45 m <sup>3</sup> /h	45 m <sup>3</sup> /h
Voltage	12V with 230V Adapter	12V with 230V Adapter	12V with 230V Adapter
Amps / Watts	0.2 / 2.4	0.8 / 9.6	0,8 / 12
Controls	off/medium/high 1	off/medium/high	off/1x9"/1x9+5
Dimensions hxdxw	0x10x39/25 cm	51/30x15x15 cm	51/30x15x15 cm
Weight	1.5 kg	3 kg	3 kg
Material	Aluminium	Aluminium	Aluminium
Capacity*	125 m <sup>3</sup>	200 m <sup>3</sup>	300 m <sup>3</sup>

## Unit Relative Sizes



AOP Micro



AOP Mini

## Applicable for Inactivation of Bacteria, Mold and Virus

Norwalk Virus - 99+% Inactivation

MRSA Bacteria - 99+% Inactivation Streptococcus - 96+%

Inactivation Pseudomonas - 99+% Inactivation

Listeria - 99+% Inactivation

Escherichia Coli - 99+% Inactivation

Bacillus Globigii - 99+% Inactivation Staphylococcus Aureus

- 99+% Inactivation Streptococcus Pneumoniae - 99+%

Inactivation Bacillus spp. - 99+% Inactivation Stachybotrys

chartarum - 99+% Inactivation Candida albicans - 99+%

Inactivation

Odors Cleaning Chemicals - 55+% Inactivation Odors Pets -

72+% Inactivation

Odors Perfume - 63+% Inactivation

Odors Toluene - 29+% Inactivation

Odors D-limonene - 98+% Inactivation

Odors Methyl Ethyl Ketone - 13+% Inactivation Odors Smoke

- 70+% Inactivation

Mold - 97+% Inactivation

Yeast - 90+% Inactivation

Hydrogen Sulfide - 80% Inactivation

Methyl Mercaptan - 100% Inactivation Carbon Disulfide -

30% Inactivation

Butyl Acetate - 100% Inactivation

Methyl Methacrylate - 100% Inactivation Formaldehyde -

90+% Inactivation

Food Surface Microbials - 99% Inactivation Surface Bacteria

/ Virus - 99+% Inactivation Particulate Removal - ISO Class 3

in 24 hrs

For more information including sneeze test visit:

<https://www.betterindoors.com/products/advanced-air-purification/>



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We are exclusive UK distributors of RGF Environmental's products and technology. We offer resale packages to manufacturers, intermediaries and distributors subject to conditions. Our retail business, established since 2013, provides complete problem solving solutions and after sales service direct to customers.

Our technology is effective at eliminating illness causing bacteria, viruses, mould spores, pollens VOCs and odours. The technology has been lab tested for Avian/Bird Flu, H1N1 Swine Flu, Norovirus, Bacillus Globigii, Bacillus Cereus, C.diff, E.coli, Legionella, Listeria, MRSA, Pseudomonas, Salmonella, Staph. Aureus, Strep. Pneumonia, Strep. Sp, Tuberculosis, Stach. Chart., Formaldehyde, Ethylene and other VOC/PAHs, Mould, Odours and Tobacco Smoke. Uniquely, it is also highly effective and preventing infection outbreaks and illness transfer as the purification technology is distributed into every cubic foot of air in an occupied space and breaks down and destroys organics on contact. The sneeze test in lab conditions produced a 99% elimination of sneeze germs at 3 feet from the source. No other indoor air and surface purification technology that uses safe and friendly oxidisers is as effective. Indeed, it was chosen by the Chinese government during the 2003 SARS outbreak for public buildings and subways because of these unique credentials.

Our technology can be used in any indoor environment where humans live and work. Sectors include Residential and Commercial/Offices/Call Centers, Hotels, Care Homes, Hospitals/Healthcare, Schools, Transport and Food Processing.

It has helped improve health and well being for countless domestic and commercial customers, improve private and public sector productivity, reduce healthcare costs and reduce school absenteeism.

The potential benefits to personal health and well being, to business and to the wider economy are enormous.