

Introducing the purex*Air*.....

The benefits to you

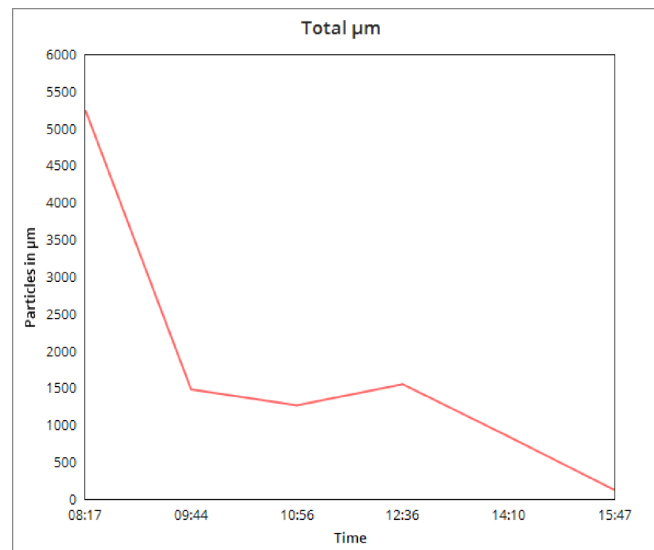


- Efficiently filters and removes up to 99.95% of dust, fine particles and noxious gases up to 0.15 microns
- Helps reduce the effects of allergies, asthma and breathing difficulties
- Reduces the symptoms of 'bad air' which can cause, headache, eye irritation and coughing
- Air would have to go through an average ventilation system three times to achieve the same level of purification
- Combats pollutants which are generated either in side or outside the room.
- Added benefit of three stage filtration to remove millions of particles in just a few hours (dependent on room size)

purex*Air*The advantages

- Large surface area filters have the capacity to retain the contaminants without compromising performance
- Air flow from the bottom of the purifier to engage higher air velocity at lower noise levels
- Sucks in air from two directions, therefore cleaning two areas at once allowing increased efficiency in air purification
- 360° air circulation so it reaches every area of the room
- Environmentally friendly, uses similar or less energy than a light bulb
- No noise pollution; The standard setting produces 22 dBA, less noise than a whisper which is 30dBA
- Just plug in and go, nothing to monitor, nothing to set, it will immediately clean the air consistently on the setting you choose

purexAir.....The case study

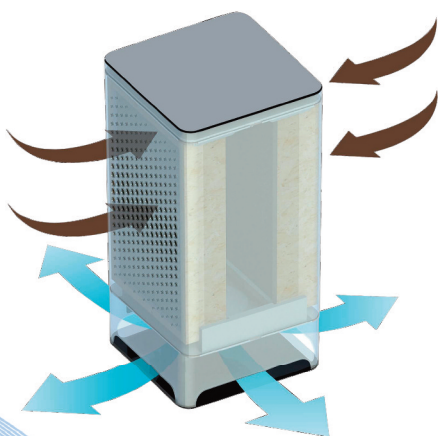


Placed in a canteen of 40m² for a period of eight hours. Particle readings were taken over that period of time. Results shown are of the total number of microns in µm as shown by the particle reader.

From being switched on at 08:17, the **purexAir** efficiently cleaned the air of 97.7% of the particles in the area within eight hours of use.

The spike at 12:36 is over lunch time so more people were inside the canteen therefore more dirty air to clean. The **purexAir** was on setting four for the whole test period.

purexAirHow it works



- Sucks in polluted air through the perforated holes on each side
- The air is then cleaned by being pulled through the high performance filters
- The clean air is then released through the bottom and dispersed 360°

purexAirThe specifications

Dimensions: 329W, 703H, 338D in mm
Weight: 15kg
Power Supply: 200-240v
Filters: 2 x H13/Molecular

Installation: Standalone unit
Colours Available: White or Black
Av. Purification area: 75m²

Operational Specifications:

Setting	Airflow m ³ /h	Energy Use W/h	Noise Level dB	Efficiency
1	37	4	16	>99
2	67	5	16	>99
3	94	6	16	>99
4	127	7	22	>99
5	251	19	38	>99
6	433	55	53	>99

purexAirThe impact of air pollution

- “Exposure to outdoor air pollution is equivalent to around 40,000 deaths in the UK, even more linked to indoor pollutants”¹
- Air quality will not meet official EU standards in the UK until 2020 and London 2025.
- “Air pollution has been linked to cancer, asthma, stroke and heart disease”¹
- “Research is beginning to point towards effects on growth, intelligence, and development of the brain and co-ordination.”¹
- “Health problems resulting from exposure to air pollution costs people, society, business, and our health services more than £20 billion every year.”¹
- “London has already breached annual pollution limits ‘for NO₂’ just one week into 2016”²
- “Our body ‘eats’ more than 20kg per day of air for only 1kg of food and 2kg of water, Do we really want to subject our bodies to the effects of polluted air?”³

¹Royal College of Physicians and Royal College of Paediatrics and Child Health, ‘Every breath we take: the lifelong impact of air pollution’

²The Guardian 8/01/2016, ‘London takes just one week to breach annual air pollution limits’

³Air Pollution Plume Labs e-book, ‘The air, a vital resource for all!’

purexAirThe impact of cleaner air

- Productivity improvements of 8-11% are not uncommon as a result of cleaner air
- A cleaner environment for employees to work in
- We spend 90% of our time indoors, surely we want to make our health a priority
- Less suffering of 'bad air' symptoms like coughing, nausea, eye irritation and throat inflammation
- Happier, healthier employees means more energy and productivity, what more could you want?

Like what you see? Visit www.purex.co.uk

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