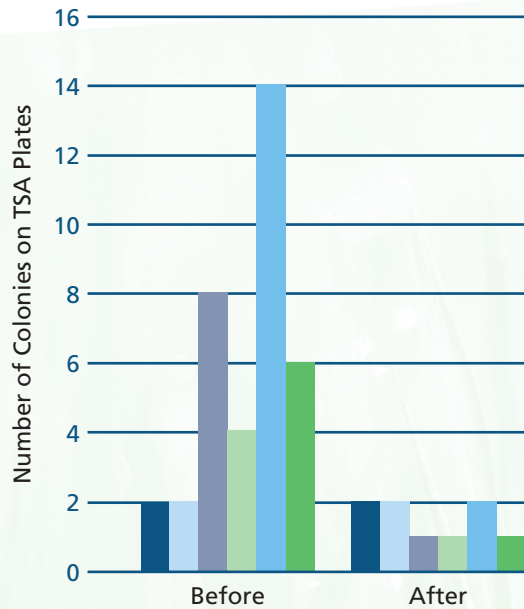


Test Results

Preliminary tests were by the Microbiological Laboratories at Coventry University and the final test results were compiled by Microsearch Laboratories Ltd, Halifax UK.

Original Test Results - Coventry University

Effect of 63 hrs with one machine in 70ft³ room (1 hour air exposure in six locations around room)



SUCCESS

The test results were further scrutinised by the testing of incubated air samples 5 days plus after the passage through the Purazone and no regrowth or mutation was present - Microsearch Laboratories.

Areas & Kill Rates

The Purazone has two speed settings to maximise kill rates:

Normal @ 14.5 litres per second
Fast @ 18.5 litres per second

All kill rates shown below are greater than >99.99% at one pass through the Purazone

	Room Size	Air Changes	Kill Rate
Normal Speed	10'x10'x8'	3 per hour	Greater than 99.99%
Normal Speed	12'x10'x8'	2 per hour	Greater than 99.99%
Normal Speed	15'x10'x8'	1 per hour	Greater than 99.99%
Fast Speed	13'x10'x8'	3 per hour	Greater than 99.99%
Fast Speed	21'x12'x8'	2 per hour	Greater than 99.99%
Fast Speed	25'x15'x8'	1 per hour	Greater than 99.99%

For Example:

- Use normal speed in barrier nursing, offices and bedrooms up to 15'x10'x8'.
- Use fast speed in mortuaries, preparatory areas, waiting areas and lounges up to 25'x15'x8'.
- All kill rates also showed no sign of mutation or regrowth of organisms in incubator 5 days after tests.

Organisms tested include the bacteria:

E.Coli 157, Salmonella Typhi Murium, Staphylococcus Aureus MRSA, Streptococcus Faecalis, mould including Aspergillus Niger. The optimum speeds are 14.5 and 18.5 litres per second after this the kill rate will reduce pro rata.

Signature
AROMAS LIMITED

Purazone



Signature Aromas air treatment systems are the safe, ethical and reliable choice to enhance living and work environments.

Improving the ambience
of your surroundings

Purazone



- Wall mounted or free standing
- Stainless steel case
- Mains powered
- Independently laboratory tested
- Low noise levels for sensitive areas
- Choice of 20 fragrances
- Only requires an annual service

Exclusive to
Signature Aromas

Purazone uses UVC radiation to destroy 99.99% of airborne bacteria, viruses, spores and moulds.

Purazone also destroys VOC's (Volatile Organic compounds), so will dramatically reduce malodour and protect staff.

The secret to the success of Purazone is the design of the UVC light system, developed in conjunction with Phillips Lighting Ltd, to slow down the passage of air as it passes over the high velocity UVC lamps, creating a maximum kill exposure time.

In addition to killing airborne bacteria and viruses, Purazone uses essential natural oils to release a non-toxic dry vapour, designed to neutralise unpleasant and offensive odours.

The Purazone air purifier system is ideal for hospitals, nursing homes, clinics, mortuaries and funeral directors.

The unique baffle system means that no harmful UVC rays escape from the Purazone unit, which is safe to use in all areas including those used by patients.

Measures 455mm (h) x 475mm (w) x 150mm (d)

Operation

UVC radiation destroys the DNA in living matter, but MRSA and other mutant bacteria and viruses have built up a resistance to some modern antibiotics.

This cannot happen with UVC light and so working with Phillips Lighting Ltd, Signature Aromas have developed a method of slowing down the passage of air over the latest high velocity (120w) UVC lamps and thus creating a maximum kill exposure time (see independent test results).

Signature Aromas natural oil system gives you the opportunity to use one of our 30 COSHH approved aromas to improve ambience and patient/staff conditions in the vicinity of the Purazone.

This unique addition to the air purifier will be especially welcome in barrier nursing, side wards, waiting rooms and staff areas.

Signature
AROMAS LIMITED

Purazone

The Purazone has a long service life and only requires a major service and tube change annually.

We can supply bioxide for general surface cleaning and bacterial protection.

The primary filter can be removed and washed as required.

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