



Gearing up for the future

The success of Patent Filtration over recent years and our future development plans means that we have outgrown our existing premises. From 1st September 2003 our Head Office and Distribution Centre will be at: 10 Chartmoor Road, Leighton Buzzard, Beds LU7 4WG. Contact details remain the same: Tel: 01525 384858, Fax: 01525 370443, E-mail: info@patentfiltration.com, Website: www.patentfiltration.com

The cost effective solution – Leasing

As part of our ongoing customer services development programme we are now able to offer attractive leasing facilities on the Filtaire 5000 model. For full details of how leasing could benefit your cashflow, please contact Bob Veal or Ron Donnebaum on (01525) 384858.

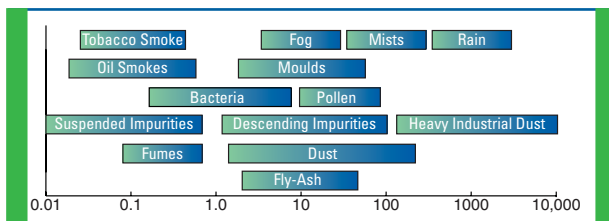
Taking control of the air we breath

Numerous newspaper articles and television programmes have made us all more aware that the quality of air we breathe is deteriorating due to increasing pollution. We are not only damaging the atmosphere of the world in general, but by living and working in polluted air, we are also damaging ourselves on a day-to-day basis.

The world's atmosphere is a matter for international and national politics, but as individuals we CAN do something about our home and work environments. Patent Filtration has a wealth of experience and can provide proven solutions that eradicate harmful pollution from numerous environments...

... in the home

Around 25 years ago when Filtaires were originally developed, they were used by asthma and hay fever sufferers to help them get a comfortable night's sleep.



Pollens are relatively large (5 –50 microns) and are easy to remove, but cross allergies caused by house and pet dusts can also occur and these smaller allergens need to be removed from the re-circulating air as well. Using the

almost inaudible Filtaire 300 removes all relevant pollutants and doesn't detract from peaceful sleep.

Today, for people who suffer from multiple (mainly chemical) allergies, Filtaire units can be used to create a pollutant free home environment where the sufferer can move around freely as opposed to having to live in a bubble.

... in the workplace



Common industrial pollutants such as solvent vapours, ozone, formalin, welding fumes, printers dust/inks etc. which occur in process areas and laboratories are harmful to health. Workers can be susceptible to chronic

exposure to these pollutants and in many cases the government publishes acceptable exposure limits, but it is the employer who is legally responsible for providing a safe working environment.

The latest Filtaire units provide a highly effective solution in these areas and can be specifically tailored to each application, creating a safer, more comfortable working environment and reducing the risk of costly law suits.

Furthermore, improved air quality means that processes such as food production or reprographic processing suffer less contamination and therefore reduced cost levels.

... in hospitals



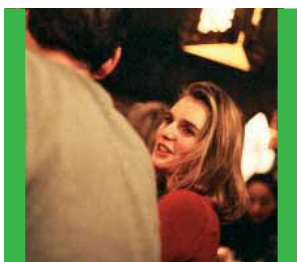
Throughout hospitals both patients and the staff who look after them can be at risk from airborne pollutants. Dust, solvents and microbial pollutants such as MRSA (Methicillin-

resistant *Staphylococcus Aureus*) pose a significant risk especially to patients who's illness causes their immune system to offer reduced levels of protection. Filtaire units sighted at the potential sources of pollution and fitted with application specific filters will efficiently eradicate these harmful pathogens and have a positive effect on the well-being of patients and staff alike.

In more specialist treatment areas the control of air quality can be a matter of life or death. Use of Filtaire systems in IVF/ICSI clinics has been proven to improve fertilisation rates whilst their use on Leukaemia wards protects patients against invasive aspergillus spores.

In high risk areas or where the cause of infection is unclear focussing Filtaire units at potential sources of pollution means that the bulk of pollutants are removed in a matter of seconds rather than the 20-30 minutes needed by more general, room sweeping, air-conditioning or filtration systems. In fact in closed room conditions such as isolation wards Filtaire systems will clean the air to a microbial level equivalent to that of an operating theatre.

... in public areas



Most people agree that smoking at home is a personal choice. However, at work or in public areas balancing the rights of the smoker against the right of everyone to breath fresh

unpolluted indoor air is more complex. The government

produces guidelines on creating a smoking policy for the workplace but these can be complex and many companies simply ban smoking altogether.

In public areas such as bars, restaurants or night-clubs companies are responsible for the health and safety of not only their own staff but their customers. Providing a clean, safe atmosphere is a key area of that responsibility.

In all of these areas using a system of Filtaire units can create a high quality air environment for all without the need to ban or alienate those who smoke.

Using a unique multiple filtration process the Filtaire units constantly clean the air removing the harmful tar, nicotine and smoke particles reducing many of the dangers of secondary smoking and providing a safe odour free environment.

For more detailed technical information regarding any of these topics, please visit our website at www.patentfiltration.com or call our support team on (01525) 384858.

Working together to develop bespoke solutions

At Patent Filtration research and development in real world situations is vital to the ongoing improvement of the products we offer and the solutions we provide. In recognition of this we are keen to work with companies who have unusual applications or pollution problems in order to develop specific solutions to their needs.

If you are using Filtaire systems in an unusual application or have any issues relating to air quality you would like to see discussed in *freshair* news, please contact: The Editor, Freshair News, Patent Filtration Ltd, 10 Chartmoor Road, Leighton Buzzard, Bedfordshire, LU7 4WG or email: info@patentfiltration.com



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Filtaire™