



**WATER DAMAGE
RESTORATION**

Odour Control



**Property Damage
Restoration**



**Temporary
Humidity Control**



**Property Damage
Prevention**



APPLICATION

Overview

Odours left behind after fire or floods can be very difficult to remove and are extremely distressing to the property owners. If these odours are not eradicated using the correct applications they will linger and be a constant reminder of the stressful event which was the initial cause.

Munters technicians recognise the need to thoroughly deodorise properties after the decontamination and drying procedures in order to rid the properties of the odours which are preventing the property owner from reoccupying their property.

Munters technicians understand that odours can become trapped in pours of the building fabric, vents, ducts and inaccessible areas and have a range of products to remove odour in all circumstances.

Whether the property has suffered fire or flood damage, it has to be thoroughly decontaminated and dried before the technicians can begin the deodorisation process. Porous materials such as loft insulation have the ability to absorb odour to such an extent that they need to be removed from the building to be cleaned effectively.

Munters have a number of applications for odour control:

- Thermal fogging – This is used for deodorising properties after fires. The vapour consists of molecules small enough to infiltrate all possible areas that smoke would have, thus eliminating all traces of the odour.
- Ozone (O³) – Ozone generators produce Ozone by passing oxygen through an electrical field. Ozone is a very powerful oxidant which oxidises organic and inorganic material in the air, including bacteria, viruses, microbes and fungal spores. After the oxidising process, the ozone converts back to oxygen making it one of the most effective methods of deodorising any area whether it is domestic or commercial.
- VapourShark – Uses membranes and cartridges to remove odour molecules caused by various circumstances including fire, soot and water damage.
- Essential Oils – Extensive research has shown that a great number essential oils are able to neutralise odour. Munters essential oils are an ingenious mixture of more than 30 different effective oils and are making them able to neutralise and control a wider spectrum of odours than conventional essential oils can alone. This process is implemented at the start and during the restoration process since the products used are natural, they are safe and can be used while the property is occupied.



Thermal fogging office after decontamination.



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APPLICATION (CONTINUED)

- Air Manager Filtration Systems – These are very useful and effective systems that filter any airborne particulate either by killing, destroying or denaturing them. This system is safe and can be used during the restoration process to filter out VOC's and microbial flora to render them harmless.



Ozone generator.



Thermal fogging machines.

PROCEDURE

During restoration, Munters technicians employ both the air manager filtration system and essential oils to arrest particulate and assist in the deodorisation process while decontamination takes place. Both devices are connected to the main electrical supply and are left to run for 24 hours a day throughout the restoration process providing a continuous action.

When the restoration process is completed thoroughly, the Munters technician can begin to tackle the problem of the remaining odour. Using thermal fogging or Ozone is a highly effective method in doing this. The process requires the property to be vacated and can only be undertaken by the fully trained and qualified Munters technicians.

RESULTS

In using a carefully selected combination of techniques, Munters ensures a uniquely effective service which completely decontaminates properties and eliminates odours.



Smoke damaged kitchen.

BENEFITS

- Time effective method making reoccupation possible sooner
- Complete odour eradication rather than temporary cover up
- Environmentally friendly.



Mould contaminated plasterboarding.