

## **Pest Controllers Who Are at the Top of Their Class When it Comes to Fan Ventilation Systems**

Get effective ventilation fan systems with your next termite treatment – it works! Pest control firms are recognising the importance of mechanical ventilation as part of termite control.

Since the emergence of fan ventilation for sub-floor (basement) areas, it really isn't just an option, it's a requirement. The pest control industry stresses the importance of cross-flow ventilation (adequate air-flow) in sub-floor areas in line with the 'Termite Inspection Report' in accordance with AS 3660.

The other fact is that when you place an anemometer (a free spinning wind speed apparatus) against a wire mesh vent the impeller will move clockwise for a time then anti-clockwise. The conclusion is that wire mesh vents work omni directionally with a push pull motion. When all vents are doing the same thing turbulence is present and not cross-flow ventilation in sub-floor area.

Therefore if I was the client and asked you the pest controller, "What would the installation of passive vents do for me at around say \$130.00 each (or what ever) and you were to install ten. What benefits would I see? Would it create cross-flow ventilation? No. Would it aerate my sub-floor adequately?

No, probably not. Ah yes! But is it better than what you had? Yes, true, but by what percentage Perhaps around 20-25 percent? You know I have seen a lot of clients that have had wire mesh vents installed and the reason that I was there was that wire mesh vents by themselves did not resolve the clients problem, Cross-flow ventilation was not achieved and the client still has a problem. So why does the client now have to invest twice for the same problem? The other factor that plays havoc in the city is that buildings are virtually on top of each other so the building next door or the fence line is going to inhibit air flow through a wire mesh vent for it to work effectively.

That is why there is no guess work when it comes to fan ventilation systems. Why not get it right the first time, couple fan ventilation systems with wire mesh vents It will do what you want it to do, then cross-flow ventilation will be achieved no ifs or buts.

I was convinced fifteen years ago of the fact that fan ventilation is the most effective way in removing moisture from sub-floor areas because when the worlds most experienced ventilation consultant looks at a passive vent and cannot tell you which way the air is travelling through it, however with fan-forced systems there is no guesswork. So don't leave it to chance to ventilate your clients underfloor areas, get the big guns in and let it do the job for you and take control.

Once the systems are installed it is only going to do one thing and that is it is going to extract the damp air out, which causes rotting timber flooring structures and flooring, cupping of floors, unpleasant musty smells in the home, unhealthy environment in the living areas, high humidity in the sub-floor which can encourage termites sooner than later, health problems encountered due to cleaning solutions in removing mould & mildew inside the living areas and so on. fan ventilation will extract these unhealthy and unwanted nasties from sub-floor areas.

So if you are recommending passive vents only, yes it will deliver a marginal result however why not get it right the first time and incorporate fan ventilation and cross flow will be achieved no ifs or buts.

Our mechanical vent is a well thought out product in that it is the size of a brick or terracotta vent. Installation of mechanical ventilation systems does not alter the structural integrity of the building. By doing a "retrofit" (no building license required) to terra cotta vents you would replace it with a 12volt (low voltage) system the same size, If the dwelling has raked out purps in the brick work, you would extract one brick and install the 12volt (low voltage) brick size system.

The uniqueness about this product also that it can be solar powered (no running costs) however if you do choose to operate it on a 12volt power system it will consume around \$4-00 of power per year. It is also quiet due to its brushless motors & is water resistant and an Aussie owned product. With any of

the Envirofan products you will not need an electrician (cost saving) as it is all low voltage (12v) and you will not electrocute yourself..

I believe that mechanical ventilation systems are very well priced also, considering it is a low capital investment toward the major investment (the building) Consider too what damage damp problems & termites can cause, which isn't cheap!

With your expertise in termite work and having the right apparatus in sub-floor ventilating systems this would be a winning combination in the prevention of sub-floor damp and humidity.

If you would like further assistance or if we could assist in fan ventilation installations either way I would happy to respond to your enquiries.

'If It Is Not Envirofan, Then It Isn't One'