

DEALING WITH DAMP SMELLS

xchange damp air for dry air

xchange musty air for healthy air

Dealing with damp smells in our Aussie homes

Dealing with Damp smells is easy. Poorly ventilated subfloors is a very common problem in Australian homes. Sub floor damp then creates issues of musty smells inside the home – xchange air have the solutions.

Solution One – Sub floor Ventilation Fans

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Ultrafan – Sub floor Ventilation Fans

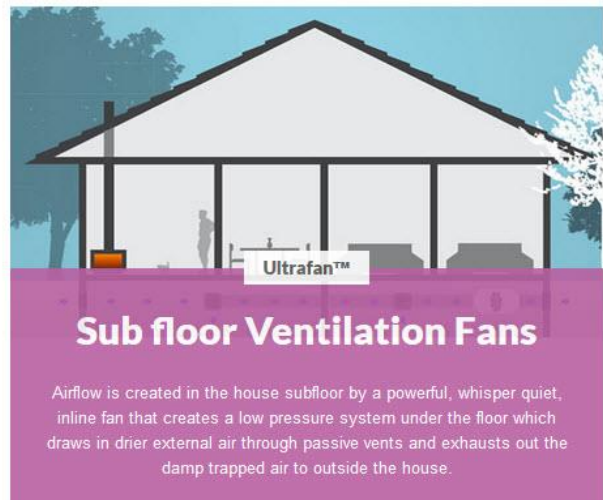
This system is designed to exhaust damp trapped air from the sub-floor and introduce fresh air in through existing, or new, passive vents. Once the subfloor is properly ventilated, the musty smell issue will decrease as the ventilation is cutting off the source of the smell coming into the home. xchangeair also have second solution (see below) which can be used in conjunction with, or alternatively to, subfloor ventilation fans.

Contact us if you need a **FREE home assessment** from one of our ventilation experts to best solve the damp problem in your home.

Home Ventilation Benefits

- ✓ Controls condensation, eliminates mould, mildew and odours
- ✓ Enjoy a fresher, drier, healthier home – Breathe easy with fresh filtered air
- ✓ Relieves allergies and asthma
- ✓ Reduces air conditioning reliance and costs
- ✓ Heated systems – why introduce freezing air during winter?
- ✓ A system to suit almost every home – even those with no roof cavity
- ✓ Better security – you can now keep your doors and windows locked
- ✓ Sub floor ventilation reduces dampness under the floor and in internal rooms
- ✓ Protects against Termites

Get the "Centers for Disease Control and Prevention" Fact Sheet



Solution Two - Forced Air Ventilation

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moistureMASTER™ Forced Air Ventilation

This system is designed to introduce clean, dry, healthy air into our homes. This is the only system on the Australian market that will even heat the incoming air if the temperature drops too much, thus leading to a much more consistent environment. This introduced filtered and dried air will fight the musty smell problems in the home, leaving a clean and healthy environment for the entire family.

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xchange air heathly living solution for...

Poorly ventilated floor and crawl spaces can be a health hazard in your home

Moisture is drawn up from the ground and is absorbed by the air that fills the cavity under your house. If this air is not expelled mould and mildew build up and begin to thrive. These moist, mouldy conditions promote the decay and rotting of normally healthy dry timber work, attract termites to settle in and invite ill health and disease to those that reside above including rashes, tiredness, chronic coughs, sinus problems, respiratory illness & migraines. Preventing these conditions is a priority for family health.

Poorly ventilated floor and crawl spaces are all too common.

Underfloor ventilation is often not required where natural air flow is adequate, but often this air flow must be forced. The most common type of system draws air out of this area forcing dry air in to replace it and the cycle continues.

A professional underfloor fan is almost silent and is extremely cheap to run & can be coupled with a timed circuit to prevent operation during the morning dew/moist times of the day. It is a very effective way to eliminate the issue of most conditions under the average home.

How Sub Floor Ventilation Systems Work

The most basic sub floor ventilation are vents built in when the house is constructed. If ventilation is poor, a quick inspection of the vents can sometimes reveal why. Gardens may have been built up to cover the vents, the vents may have become blocked, or the vents may be inadequate in position or number.

However even vented passive ventilation may not be enough to keep the sub floor of your home from getting damp. The best solution is adequate ventilation coupled with a fan ventilation system.

Underfloor fans are positioned to draw off and externally exhaust damp air, using pumps and fans that are specially designed for this purpose. These are customised for your floor plan and the damp issues you face.

Professional systems have fans that are almost silent, run on a timer system and are cheap to run. They are an effective ventilation system for the average home.

X Change Air Frequently Asked Questions

How long does it take to install?

Most systems within in a day

When will I notice a difference?

The improved ventilation will have an immediate effect

Is there maintenance on the systems?

No

Does the fan slow down when roof cavity gets cold?

No. Condensation is worst when the temperature falls. MM fan maintains complete control over condensation especially at night.

How much does it cost to run the fan 24/7?

Between \$7 and \$9 per month

Frequently Asked Questions Livermore and Sons

How long does it take to install?

Depending on the number of vents to be installed, or the requirements of the fan system installation time will vary from home to home. We send 2 to 3 technicians to complete the installation and it is almost always complete within 3 - 4 hours.

How soon does it work?

The improved ventilation will have immediate effect.

The time taken for a noticeable improvement will depend on the degree of the initial problem.

Some houses have mild ventilation problems, while others have large areas of mud that can take a few weeks to dry out.

How long does it last?

For the air bricks, once they are installed as long as you keep them clear of plants and debris, that is all you will ever need to do with them.

The fan used in the ducted system has a 2 year warranty. We have found these fans to be very reliable and last for many, many years.

How noisy is the fan?

The ducted system has a sound level of 48 dBa. We set the timer to operate when there is movement in the house and therefore the fan is not noticed, such as when the TV may be on or whilst cooking dinner. Some people have called us back to check the fan is working because they can't hear it and expect it to be quite loud.

How much air does the fan move?

In most situations we use the 150mm fan, which has a maximum capacity of 550m³ per hour or 150L/sec. There is a larger 200mm fan, which has a maximum capacity of 1060m³ per hour or 294L/sec, but in most homes this is not necessary.

Do I need council permission?

Regular dwellings:No, council permission is not required, however if you live in a bush fire prone area, you may need to check with the local council if you require ember resistant.

Heritage properties:As long as the outside appearance is not changed permission is not required. The fan forced ducted system is the only suitable system for use in heritage properties.

Contact of 2 companies we have recommended over the years:

1. Ultra fan Martin Healy 0416 081 200
2. Comfort Zone Wayne Gavson 0412180012