

Healthy Air Solutions

hometech.co.nz 0800 466 383

Solatube | Natural Light | Healthy Air | Storage



hometech[™]
Better spaces. Better lives.







Drier home. Better health.

If you've ever walked into your home and found mould growing in your bedrooms, kitchen or bathrooms, you'll know how distressing it can be. You may be thinking – what is this doing to me and my family?

Often, mould and condensation are caused by unhealthy, stale, moist air that is trapped within your home.

Sometimes we can't always see the visible signs of unhealthy air, we just feel that rush of hot stale air when we first walk into the house on a hot day.

The building code in New Zealand, G4, states: "Ventilation to occupied spaces must be provided by natural ventilation or by mechanical ventilation." Natural ventilation is deemed to be a window that is the size of 5% of the floor area. Opening a window is great, however we often feel like the neighbours can see in or we want to close it as we leave the bathroom; locking in that warm, moist air.

G4.1 "The objective of this provision is to safeguard people from illness or loss of *amenity* due to lack of fresh air."

Why invest in ventilation

A well designed and installed home ventilation system offers the convenience of good ventilation by continuously replacing air, independently of weather conditions.

What type of ventilation is right for you and your home?

Extraction

Simply called extraction fans, or systems, as they extract the air from a space and transport it outside via ducting. Typically used in rooms where a sudden build up of moisture can occur – kitchens, bathrooms and laundries.

Fresh Air

Typically called 'whole house' ventilation, these systems literally introduce fresher, drier air into your home via a system of vents and ducts to force moist, stale air outside. This reduces dampness, mould and mildew and operate in two basic ways as per below:

Positive Pressure

These systems mechanically force air into your home from either the roof space or from outside. The extra air is then allowed to naturally escape your home through numerous avenues like gaps, under doors and extract systems.

Balanced Pressure

As the name suggests, the air in your house is mechanically balanced – air is brought in and extracted at the same levels, leaving your home fresh and dry.

Ventilation Solutions

Extraction

Kitchen

Wet Areas

Attic

Fresh Air

Positive Pressure

Balanced Pressure

Ventilation Solutions

Kitchen // Extraction



Not only do rangehoods help keep the odours and moisture from spreading throughout your kitchen and living areas; they also add another dimension to your kitchen. Install a rangehood in white or stainless steel to match your decor.

Available in White or Stainless Steel, in both 600mm and 900mm wide

Efficiently removes 138 litres of air every second (497m³/hr) with 3m of ducting

Two year warranty on all our rangehoods



Extract kitchen odours out of the home

Elegantly designed rangehoods

Slimline

LED task lighting

Thermal overload safety switch

Washable filters, dishwasher safe

Strong airflow extraction

BRANZ appraised roof penetrations

Installed by a Certified Installation Consultant

Ventilation Solutions

Wet Areas // Extraction



Perfect for moisture laden rooms like your bathroom, ensuite or laundry. You can have one fan installed or if you have two rooms that are close by; use one of our dual units.

These fans can even be installed with run on timers so that you can be assured that your bathroom will be safe from moist air caused by your shower.



VS3004	<p>Suitable for a single room</p> <p>Efficiently removes 45 litres of air every second with 3m of ducting</p> <p>Two year warranty on the motor; 10 years on all other parts and installation</p>
VS3003	<p>Suitable for two rooms next to each other with one switch to operate both fans at the same time</p> <p>Efficiently removes a combined 94 litres of air every second, from the two vents, with 3m of ducting on each vent</p> <p>One year warranty on the motor; 10 years on all other parts and installation</p>
VS3002	<p>Suitable for two rooms using twin fans with independent switches</p> <p>Efficiently removes a combined 75 litres of air every second, from the two vents, with 3m of ducting on each vent</p> <p>One year warranty on the motor; 10 years on all other parts and installation</p>

Extract moist air out

Remove odours

Low noise fans used in all products

Suits roof or soffit installation

Unobtrusive diffuser

Run on timer available

Performance exceeds the building code

BRANZ appraised roof penetrations

Installed by a Certified Installation Consultant

Ventilation Solutions

Attic // Extraction – Solar Star®



Ever gone into your attic in summer? It's hot. That heat is sitting right above you, acting like a blanket; making your air conditioning units work harder. Plus in winter, cold weather and excess humidity can cause structural damage and a build up of mould and mildew.

So why not let your roof breathe just like we do?



Helps prevent heat and moisture reaching critical levels in your roof

Roof space stays cool and dry

Increased comfort levels in living spaces

Harness the power of the sun – no running costs

Virtually maintenance free

Thermal switch controlled

BRANZ appraised roof penetrations

Installed by a Certified Installation Consultant

RM1200	Suits low sloped roofs with a smaller area Five year warranty on the Panel, Motor and Thermal Switch; 10 years on all other parts and installation
RM1600	Suits low sloped roofs with a larger area or steep sloped roofs Five year warranty on the Panel, Motor and Thermal Switch; 10 years on all other parts and installation





Ventilation Solutions

Fresh Air

Whole House // Positive Pressure – ACD



There is nothing worse than seeing condensation on your windows when you open your curtains in the morning, or see mould growing on your shoes in the wardrobe. You can help prevent these problems by installing a ventilation system that will fill your home with fresher, drier air. The new air is pushed into your home, forcing older, stale air out through gaps under doors and around windows.



Mechanically pushes fresher, drier air into your house

Dual Control Sensor – Temperature & Humidity

Easy to use, versatile wall controller. Allows you to set your own programs and then leave for all year round control

Whisper quiet fan

High performance eight speed centrifugal fan

Washable G4 filters

Installed by a Certified Installation Consultant

ACD	Available for supply into a maximum of 6 rooms using one fan
	Can power up to 3 fans on one control unit
	Maximum combined airflow of fan at high speed rated at 217 litres of air every second
	Optional Extras:
	Summer mode – outside air to cool your house
	Roof purge to ventilate roof space
	Heat Transfer to move air from one heated room to another; such as a living room with fireplace to a bedroom
	Five year warranty on all parts and installation

Ventilation Solutions

Fresh Air

Whole House // **Balanced Pressure – ERS**



We all know that feeling of coming home in summer, opening the door, and being hit with a wall of heat. One simple way to keep your home fresh is by installing an ERS (Energy Recovery System). Being a fully automated Balanced Pressure system it will bring fresh air into your home and leave moisture and pollutants outside.

A balanced pressure system mechanically draws air into your home, while expelling stale, moist air through its extract vent giving you consistently fresh air and allowing your home to be healthier with less condensation, mould and mildew.



Balanced whole home ventilation system

Replaces stale air with fresh, dry air to create a drier, healthier environment

Maintains indoor air quality

Dual high performance two speed centrifugal fans

Runs on unique humidity control – set it and leave it all year round

Durable polypropylene energy exchange unit captures and reuses 65% of the energy from the air as it is extracted saving on heating/cooling costs

Washable G4 or carbon filters

Installed by a Certified Installation Consultant

ERS170

Suitable for homes with up to 5 rooms

Maximum combined airflow per fan at high speed rated at 85 litres of air every second

Five year warranty on all parts and installation

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