



EARTH FRIENDLY

smartbreeze™

www.smartbreeze.com.au

THE GREEN SOLUTION FOR HEATING & COOLING.

The ins and outs of solar heating & cooling your home.

By using solar energy, it is now possible to heat and cool your home with smartbreeze - the green solution for heating & cooling.

Smartbreeze is inexpensive to run, needs minimal maintenance and is safe for our environment. Smartbreeze reduces the need for traditional heating and cooling units and, in fact, smartbreeze will even let you know the savings you are making in reducing greenhouse gas emissions.

Located on your roof, smartbreeze manages the air in your roof to passively control the climate in your home. Smartbreeze purges the heat from your roof during hot weather and distributes the radiant heat in the roof to your living spaces during cooler weather.

Smartbreeze can also provide nocturnal cooling throughout the night to cool your home for the next day.

The smartbreeze thermostat automatically regulates the heating and cooling governed by the temperature you desire.

- Solar energy
- Reduction up to 40% of greenhouse gas emissions*
- Calculates greenhouse gas emission savings
- Metal & Tile roofs
- Reduction in energy bills
- Minimal maintenance
- Compact in size
- Thermostatically controlled
- Communicates with traditional heaters and coolers, programming them when to turn on and off, if required.
- Has industrial/commercial application

UP TO

40%*
REDUCTION
IN GREENHOUSE GAS EMISSIONS



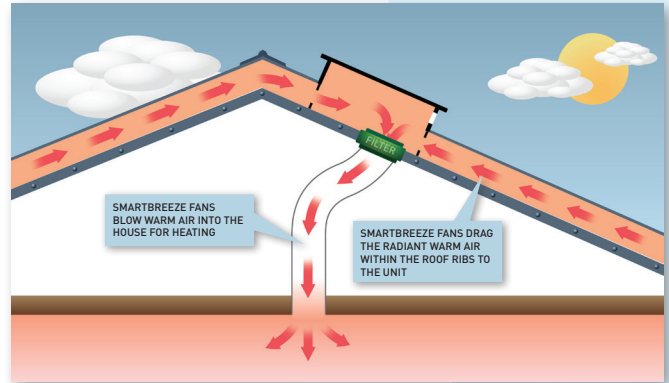
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How smartbreeze works with a metal roof to control your home temperature.



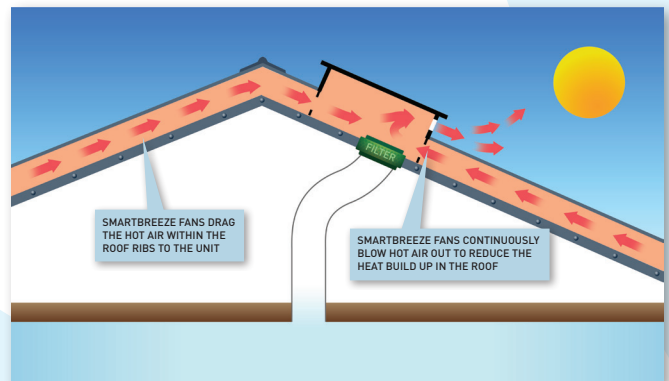
Heating

During cool weather, there can be significant build up of warm solar heated air captured between your roof sheets and foil. This air is dragged to the smartbreeze unit and fans energised by the solar panel on your roof, forces the warm air through ceiling vents into your living spaces.



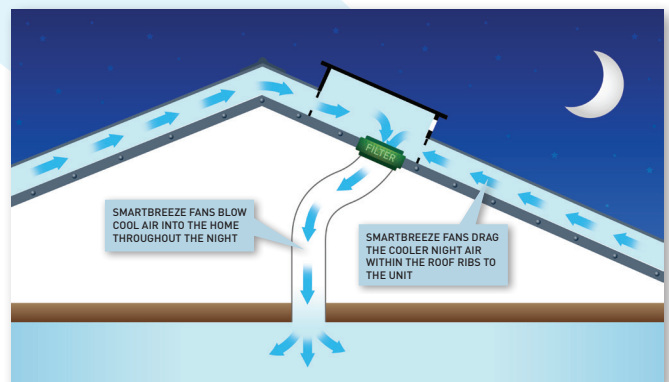
Cooling during the day

During hot weather the build up of heat in your roof is intensive. Solar energised fans force the heat from your roof ribs, enabling hot air to be continually extracted. Heat transfer to your living spaces is reduced thereby reducing your living room temperature.



Cooling at night

After a hot day the temperature drops at night. This cooler ambient air can be used to cool your home throughout the night. Smartbreeze will direct this fresh cool air into your home providing nocturnal cooling.

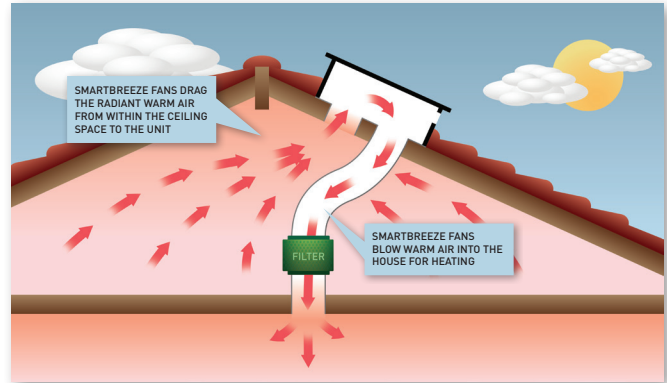


How smartbreeze works with a tile roof to control your home temperature.



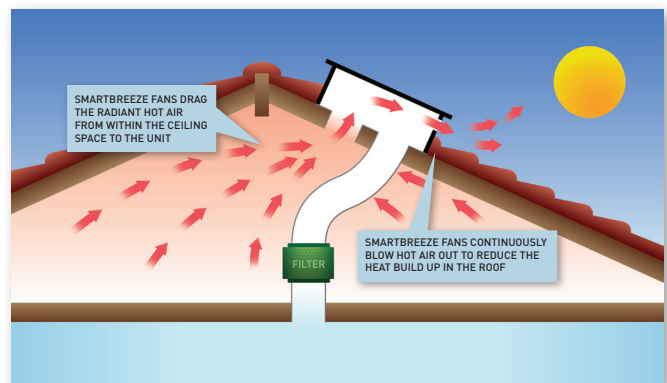
Heating

During cool weather there can be a significant build up of warm solar heated air within the ceiling space of your home. If this warm air is required for heating then the fans within the unit will re-direct this air through the smartbreeze filter and into your living spaces for heating.



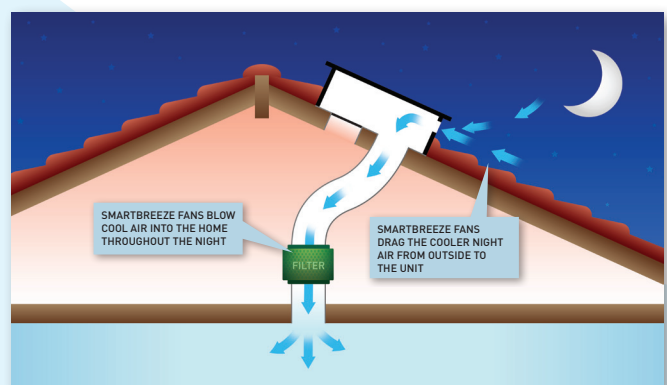
Cooling during the day

During hot weather the build up of heat under your tiles can be intensive. The smartbreeze fans will continuously extract this hot air from your roof throughout the day thereby reducing the heat transfer from the roof to your living area effectively limiting the heat build up in your home.



Cooling at night

After a hot day the temperature can significantly drop at nightfall. This cooler ambient air can be used to cool your home throughout the night. Rather than waiting for your ceiling space to cool, smartbreeze will redirect the air from outside when the air is cooler and redirect it to the smartbreeze filter then into your home to provide continuous cool fresh air throughout the night.





About Smart Roof Australia

Smart Roof Australia is the supplier and manufacturer of smartbreeze and is an earth friendly, climate control company. Energy efficiency, sustainable design and preserving natural resources are motivating factors of the company. The company is 100% Australian owned. Our products are designed and manufactured in Australia for Australian conditions. Smartbreeze is an Australian invention and is protected by Australian and international patents pending. For more information, contact us on **03 9510 3484** or **www.smartroof.com.au**

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*Smart Roof Australia Pty Ltd gives no guarantee to the actual greenhouse gas emission savings. Estimated greenhouse gas emission savings are indicative only and may vary due to many factors, including building size and orientation, design and sustainable heating/cooling practices.

