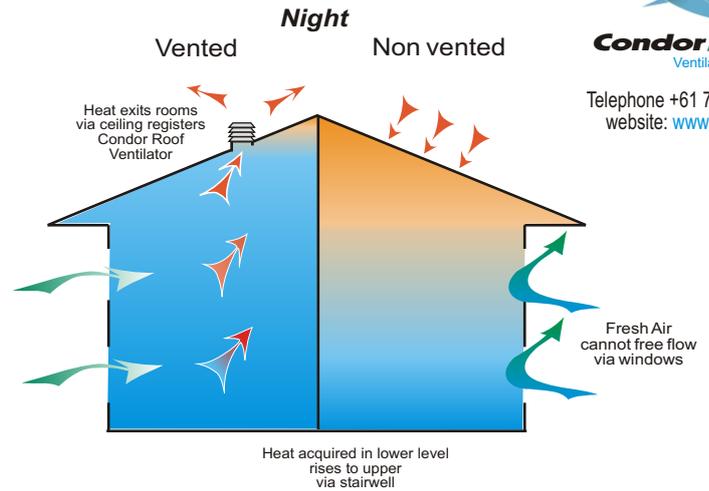
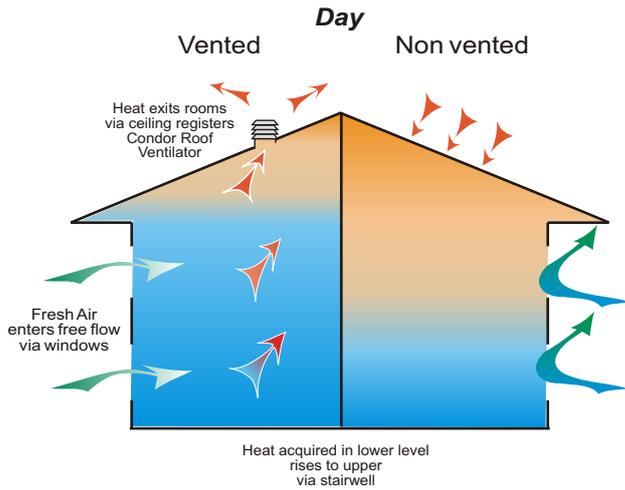


Roof Ventilation for Raked Ceiling Dwellings



CondorKinetic
Ventilation Systems

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Understanding what happens....

The upper region of a room, or area, acquires a high heat load which permeates through the insulation making comfort levels in the living area unbearable.

Add to this, the heat gain from walls, windows, appliances and that generated from the normal activity of a day.

The aim.....

Is to lose the heat load as efficiently as possible without consuming electricity to do so

To be noted....

Cool air always falls to the lower region of a room or dwelling.
It cannot naturally rise up to the ventilator

Cool air and warm air volumes do not mix unless mechanically agitated eg ceiling fan
An example of this is a storage hot water service, hot water at the top, cold water at the bottom

To this end....

A Condor Kinetic Roof Ventilator will reduce the pressure in the room and allow for much better comfort levels. The ventilator will vent the area direct to atmosphere through the closeable ceiling register, eliminating air conditioner overload and reducing power consumption.

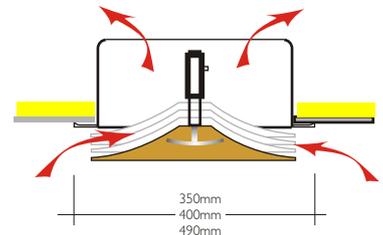
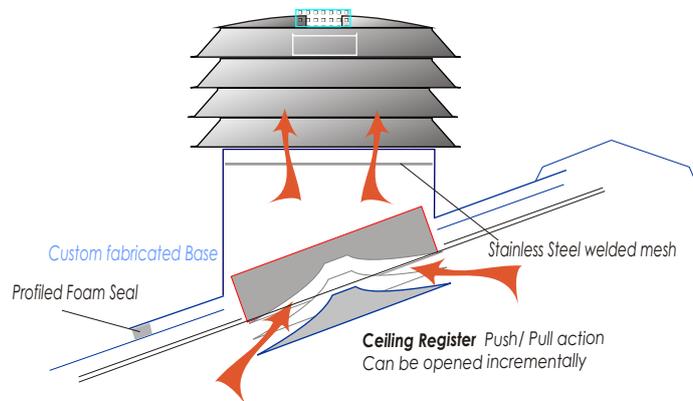
The most critical aspect of summer venting is night time purging. It is essential that the building shed it's acquired heat load of the previous day and not carry residual load into the next.

Installation...

The Condor Roof Ventilator can be structurally mounted to the roof making it ideal for cyclonic regions.

Construction is welded stainless steel and finished with polyester resin in colorbond colours.

All Condor products are architectural in nature in that they are supplied project specific.
Roof Ventilators are supplied as per roof type, pitch and profile enabling correct and efficient installation.



Condor venting systems are used in both residential & commercial buildings and is the preferred design for most architectural projects due to the lightweight welded stainless steel fabrication and it's suitability to cyclonic regions

Raked or Cathedral type dwelling ventilators are chosen on individual application as the area being vented is volumetric living area.

to **25sq/m** volumetric area **Condor Vortex 300** with matching closeable ceiling register
to **30sq/m** volumetric area **Condor Vortex 350** with matching closeable ceiling register
30 - 40sq/m volumetric area **Condor Vortex 450** with matching closeable ceiling register

This is a general indication as to what is required in respect to roof ventilator sizes using Condor technology.