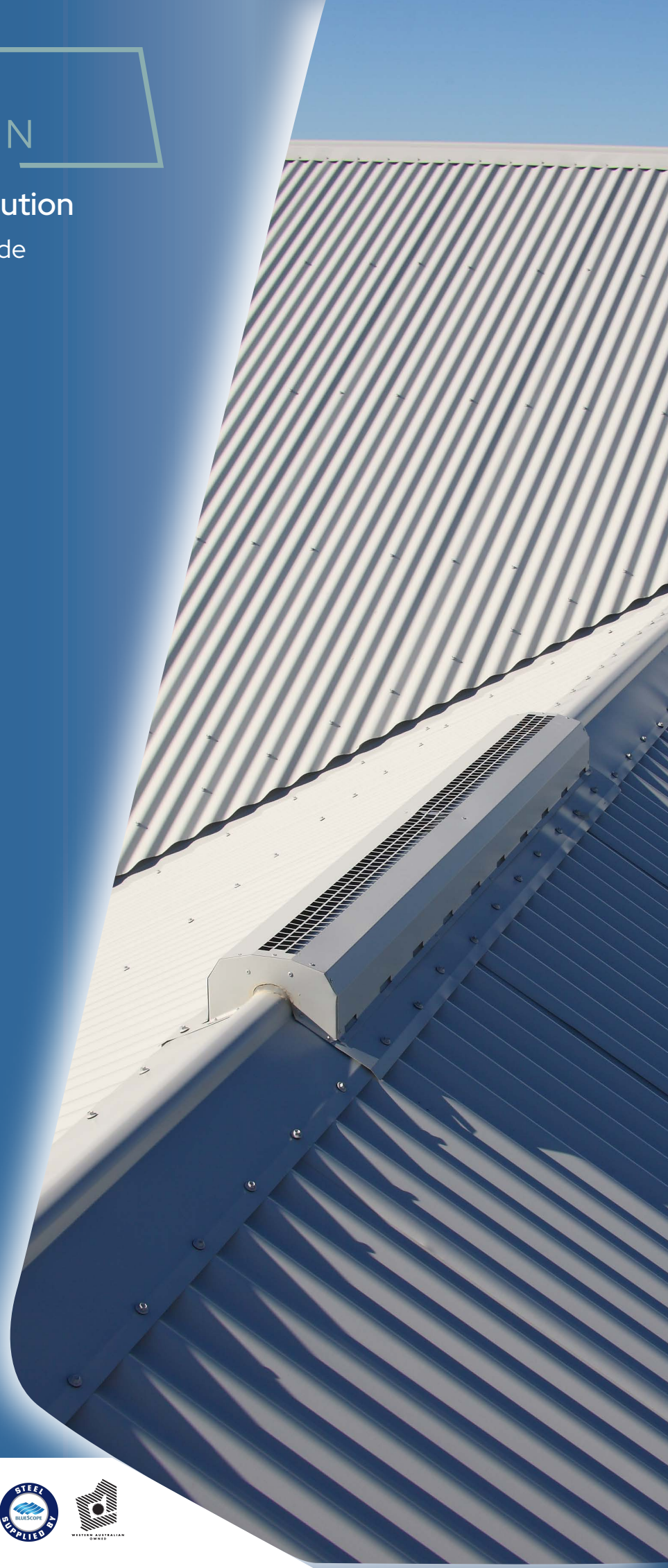


E-VENT VENTILATION

Residential Venting Solution

Reduce the temperature inside
your metal roof with E-Vent



Think you need a Whirlybird for roof ventilation? Introducing E-Vent, the next generation in roof ventilation.

Roof ventilation is an excellent way of removing hot air from your roof space, and assisting in the energy efficiency of your home.

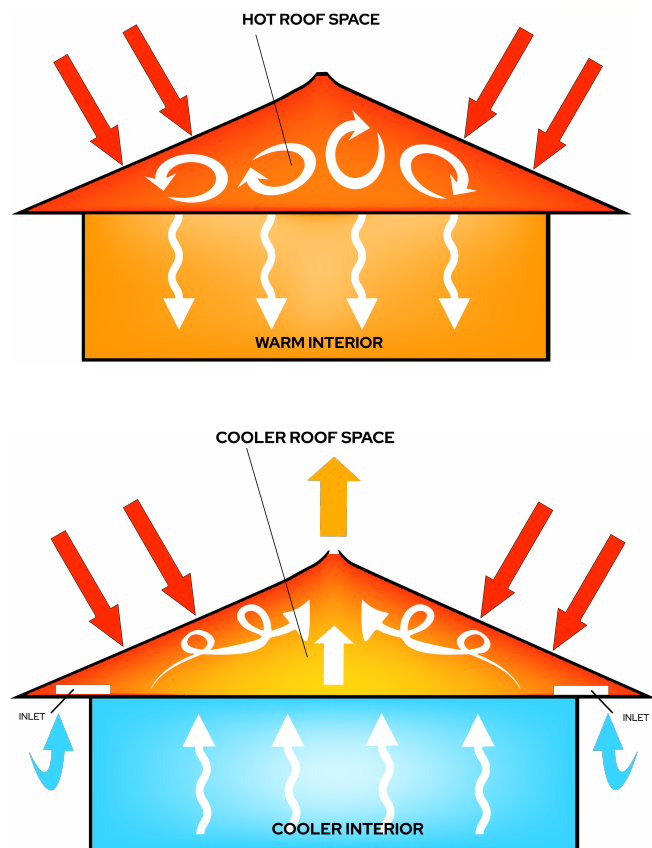
A hot roof space in summer will mean that your air-conditioner will have to work harder to achieve a comfortable temperature within your home. With rising energy costs, it's important to implement simple, yet effective heat reducing measures in your home.

The CMI E-Vent is a highly effective system which extracts hot air from the roof space. E-Vent harnesses the combined natural forces of differential air pressure and convection.

WHAT IS E-VENT?

E-Vent is a new natural ventilation system with applications for both industrial and residential buildings with metal roofing.

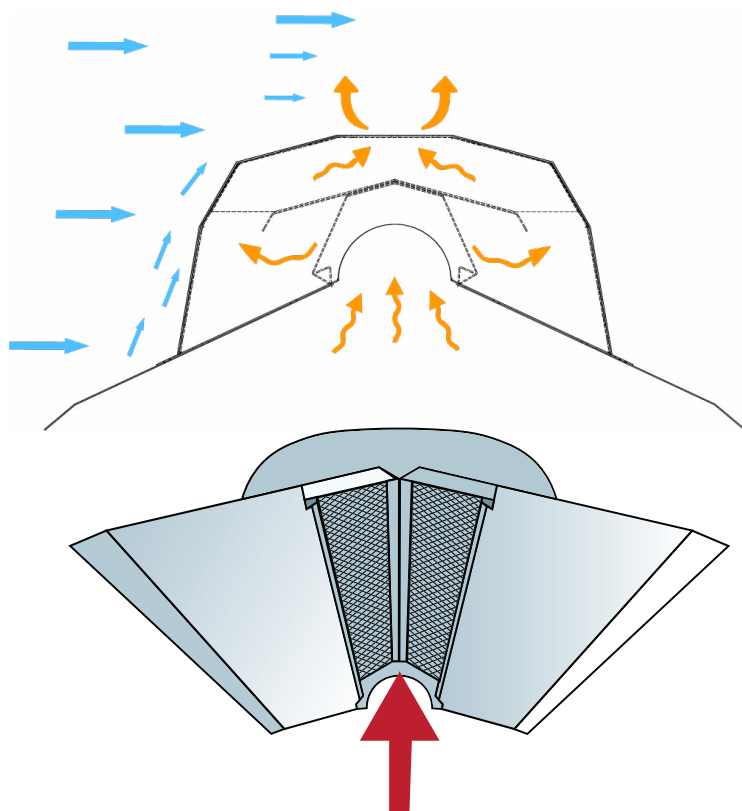
Seated alongside (and in place of) the ridge cap, E-Vent extracts hot air from the roof space with an innovative design that harnesses the natural forces of differential air pressure and convection. Designed to overcome the many problems with existing ventilation systems on the market, E-Vent has been found to be a highly effective, efficient and environmentally friendly venting solution.

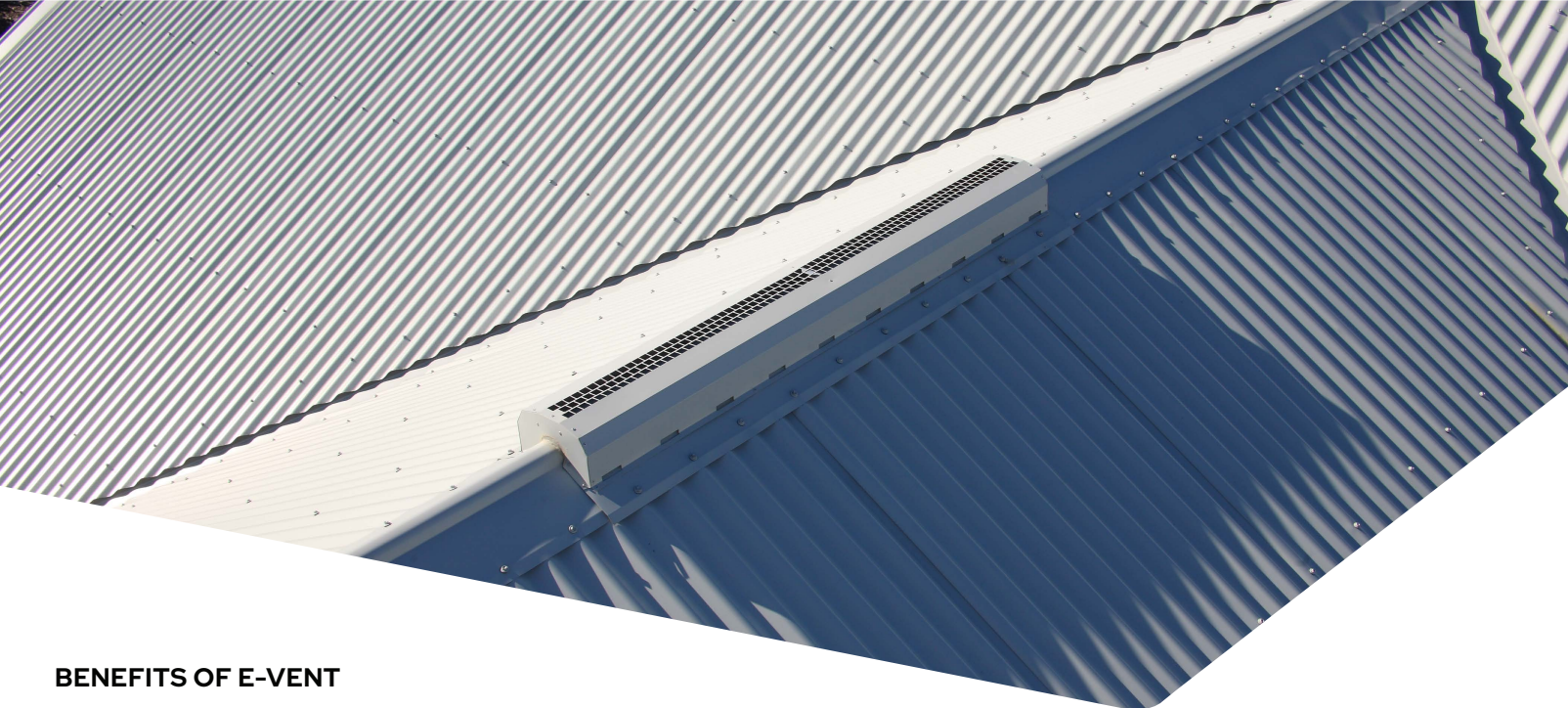


HOW DOES E-VENT WORK?

Using principles first expounded by Bernoulli and Venturi in the 18th century, created the E-Vent natural ventilating system, now available in various forms from Combined Metal Industries. Bernoulli propounded that the pressure of a moving body of air or water is least where the velocity of the mass is greatest. In simple terms, by accelerating an air flow across a given surface or opening, a pressure differential can be created to produce a natural force and that harnessed force can produce power.

E-Vent's harness this natural power by creating low pressure areas on the upper and downwind sides of the vents creating a natural and effective exhausting air pump. That in turn means that air at normal pressure within a building will be literally sucked out by wind flow. And on the stillest of air days, E-Vents still work by reason of simple convection or 'stack effect'.





BENEFITS OF E-VENT

E-Vent reduces heat indoors – Irrespective of whether insulation is used, E-Vent will lower the internal temperature of a roof space. Used with appropriate inlet ventilation, E-Vent's constant natural extraction will remove hot air in the roof space, reducing heat transfer to rooms below.

E-Vent reduces air conditioning costs – As E-Vent lowers the normal inside temperature of a house or building, air conditioning costs are significantly reduced.

E-Vent is a part of the roofline and is barely noticeable – Almost indistinguishable from the ridge cap. E-Vent's low profile design is unobtrusive and aesthetically integrated in matching BlueScope COLORBOND™ to give the roof a clean outline.

E-Vent requires absolutely no maintenance and once installed, will never require maintenance.

As E-Vent has no moving parts, you will never have to worry about the repair or replacement of components that is a common problem with other rotating ventilators.

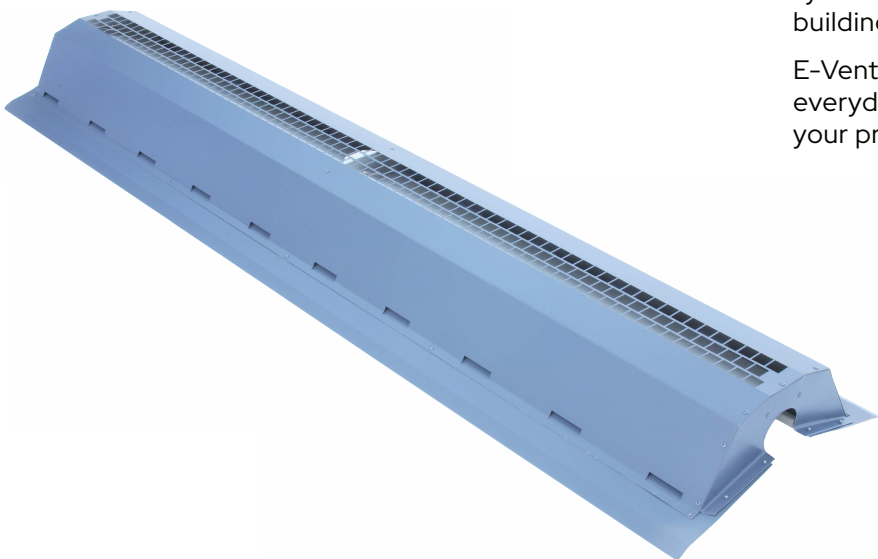
E-Vent effectively removes noxious gases, airborne bacteria and household odours – Sealed metal roofs not only trap hot air, but also enclose and spread smoke, gases, bacteria, toilet odours and cooking smells through adjoining rooms. E-Vent works by naturally exhausting the whole roof space, and continually pumps fresh air into the roof area while simultaneously removes unwanted stale air.

E-Vent provides protection from airborne embers – internal stainless steel ember guard protects your home. Suitable for use in bushfire rated areas.

E-VENT INSTALLATION

E-Vent is a no cost, no fuss installation – Unlike other ventilation systems on the market, E-Vent does not require separate installation to the roof by a specialized person. As E-Vent is installed with the ridge cap by the normal roofing contractor, there is no requirement for roof penetration, no additional contractors are needed and therefore no additional labour cost should apply. For the first time, E-Vent provides home owners with a hassle free ventilation system that can be easily installed during the normal building process.

E-Vent is not only for new roof installations. speak to your everyday roofing contractor to get your E-Vent installed on your pre-existing metal roof.



TAKE THE NEXT STEP

Ask your builder or architect how little extra it will cost to add E-Vent to your metal roof. For more information **call your closest Combined Metal Industries branch for more information.**

Branch locations can be found on the back page of this brochure.



Our Locations:

Landsdale

17-23 Hoskins Road
Landsdale WA 6065

Telephone: (08) 9309 1303

sales@cmiwa.com.au

Osborne Park

Unit 1/64 Guthrie Street
Osborne Park WA 6017

Telephone: (08) 6200 1199

osbornepark@cmiwa.com.au

Bibra Lake

60 Barberry Way
Bibra Lake WA 6163

Telephone: (08) 6200 1155

bibralake@cmiwa.com.au

Busselton

22 Cook Street
Busselton WA 6280

Telephone: (08) 9754 3884

busselton@cmiwa.com.au

Geraldton

2a Larkin Street
Geraldton WA 6530

Telephone: (08) 9921 1399

geraldton@cmiwa.com.au