

Residential Ventilation

Wind & power driven vents for
a cooler, healthier home



Natural Wind Driven Ventilation

Energy-free solutions for a cooler, healthier home.



Why Ventilate?

Effective ventilation is an important way to create a more comfortable, healthier and energy efficient home.

Reducing the heat in summer and managing moisture in winter helps to create a better living environment for you and your family.



Heat Reduction

Reduces heat and replaces with outside air



Energy Efficient

Helps reduce the load on air conditioning by reducing the roof space temperature



Moisture Management

Reduce the risk of moisture-related damage to your home



Improve Air Circulation

Replaces stale and polluted air inside your roof cavity with outside air

WindMaster™

The WindMaster is a natural wind driven ventilator designed to exhaust heat & moisture from the roof space of your home, without the use of electrical energy.



Benefits

✓ HEAT REDUCTION

Reduces heat in your roof space to help improve thermal performance

✓ MOISTURE MANAGEMENT

Reduces the risk of moisture-related damage to your home

✓ PEACE OF MIND

Australian made & tested to AS/NZS 4740

Recommended Ventilation Levels[^]

Roof Pitch	No. of WindMasters Required	Bradford Eave Vents Required
≥10° and <15°	1 Windmaster for every 12.5m of the longest horizontal roof length [†]	1 Eave Vent for every 1.4m of longest horizontal roof length
≥15° and <75°		1 Eave Vent for every 5m of longest horizontal roof length
≥15° and <75° Cathedral		1 Eave Vent for every 1.4m of longest horizontal roof length



For further details including technical information, visit our website via QR code. For more information, call **1300 858 674**.

WindMaster colour range:



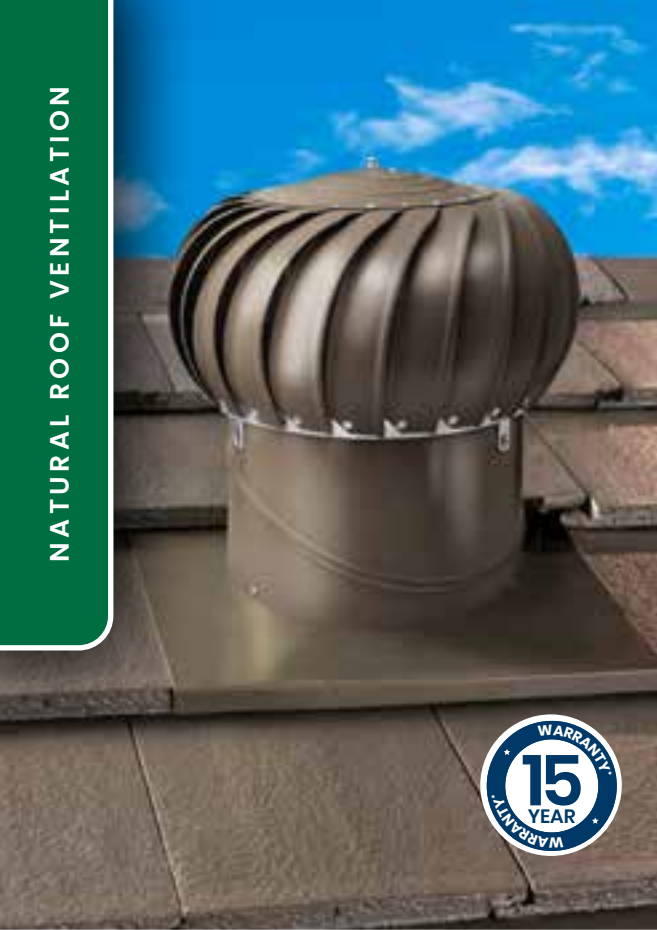
* These colours are made to order with a manufacturing lead time of 10 working days.

[^] As per NCC2022 for condensation management in Climate Zones 6, 7 & 8.

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[†] The longest horizontal roof dimension is usually the gutter.



WindMaster™ BAL

The WindMaster BAL ventilator is designed to exhaust heat and moisture from the roof space of a home, without the use of electrical energy. It is specifically designed for use in bushfire rated regions, from BAL12.5 up to BAL40.

Benefits

✓ HEAT REDUCTION

Removes heat from the roof space and replaces with outside air without the use of electricity

✓ CONDENSATION MANAGEMENT

Helps to reduce the risk of condensation-related damage to your home

✓ BUSHFIRE RATED

Australian made and compliant for use in homes in bushfire zones up to BAL40

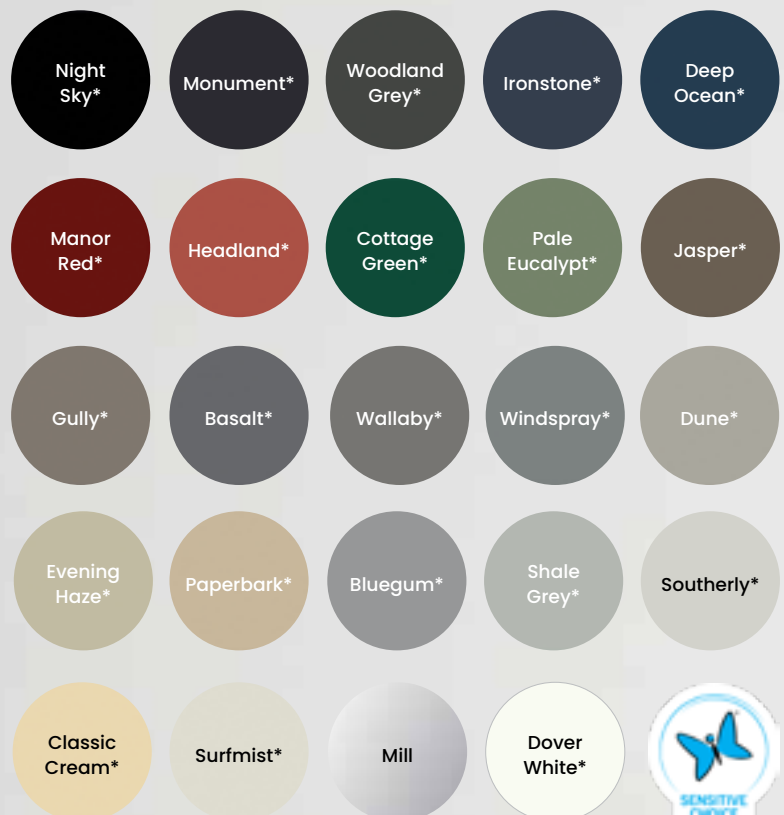
Recommended Ventilation Levels[^]

Roof Pitch	No. of WindMaster BALs Required	Bradford Metal Eave Vents Required
≥10° and <15°	1 WindMaster BAL for every 7.1m of the longest horizontal roof length†	1 Eave Vent for every 1.4m of longest horizontal roof length
≥15° and <75°		1 Eave Vent for every 5m of longest horizontal roof length
≥15° and <75° Cathedral		1 Eave Vent for every 1.4m of longest horizontal roof length



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WindMaster BAL colour range:



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SupaVent™

The SupaVent is a natural wind driven ventilator designed to exhaust heat and moisture from the roof space, without the use of electrical energy. The SupaVent is ideal for use near coastal areas.



Benefits

✓ HEAT REDUCTION

Removes heat from your roof space to help improve thermal performance

✓ MOISTURE MANAGEMENT

Reduces the risk of moisture-related damage to your home

✓ DESIGNED FOR COASTAL AREAS

Built with stainless steel bearings to suit the coastal breeze

Recommended Ventilation Levels[^]

Roof Pitch	No. of SupaVents Required	Bradford Metal Eave Vents Required
≥10° and <15°		1 Eave Vent for every 1.4m of longest horizontal roof length
≥15° and <75°	1 SupaVent for every 9.2m of longest horizontal roof length†	1 Eave Vent for every 5m of longest horizontal roof length
≥15° and <75° Cathedral		1 Eave Vent for every 1.4m of longest horizontal roof length



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SupaVent colour range:

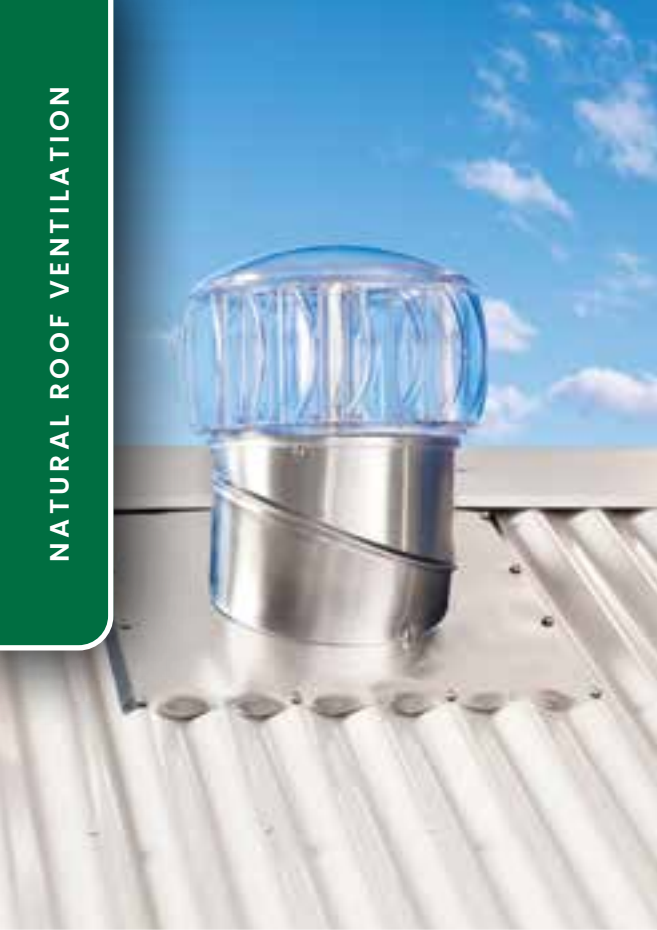


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TurboBeam™

The TurboBeam is a natural wind driven ventilator with a clear turbine head, designed to remove heat and moisture from the roof space. It also allows natural light to enter the roof space to deter unwanted insects and pests.

Benefits

❖ HEAT REDUCTION

Removes heat from your roof space to help improve thermal performance

❖ MOISTURE MANAGEMENT

Reduces the risk of moisture-related damage to your home

❖ PROVIDES NATURAL LIGHT

Allows natural light into roof space to deter unwanted pests

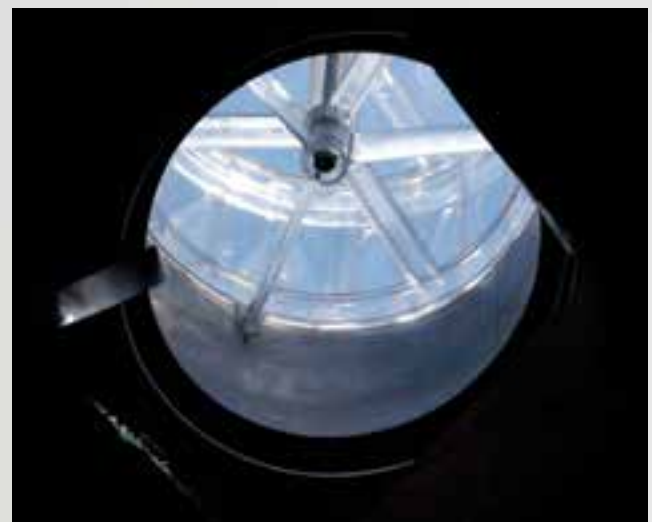
Recommended Ventilation Levels[^]

Roof Pitch	No. of TurboBeams Required	Bradford Eave Vents Required
≥10° and <15°	1 TurboBeam for every 9.2m of longest horizontal roof length†	1 Eave Vent for every 1.4m of longest horizontal roof length
≥15° and <75°		1 Eave Vent for every 5m of longest horizontal roof length
≥15° and <75° Cathedral		1 Eave Vent for every 1.4m of longest horizontal roof length

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TurboBeam colour range:



TurboBeam view from below



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Roof Valve BAL colour range:

Night Sky

Roof Valve BAL

The Roof Valve BAL is a BAL-rated, low-profile static roof ventilator that allows the release of air from the roof space or internal space via a flexible duct. It is suitable for the wet areas of your home such as the bathroom, kitchen and laundry.

Benefits

✔ **SUITABLE FOR BATHROOM, KITCHEN & LAUNDRY AREAS**

Provides an outlet for 150mm ducted internal exhaust systems – ducting not included

✔ **PEACE OF MIND**

Australian made, compliant to AS3959:2018

✔ **BAL-RATED**

Suitable for homes in bushfire zones from BAL12.5 to BAL40



Roof Valve colour range:

Clear

Black

Roof Valve

The Roof Valve with duct collar is a low-profile static roof ventilator that allows the release of air from the roof space or internal space via a flexible duct. Ideally suited for wet areas of your home such as the bathroom, kitchen and laundry.

Benefits

✔ **SUITABLE FOR BATHROOM, KITCHEN & LAUNDRY AREAS**

Provides an outlet for 150mm ducted internal exhaust systems – ducting not included

✔ **MOISTURE MANAGEMENT**

Reduces the risk of moisture-related damage to your home

✔ **PEACE OF MIND**

Australian made & tested



General Purpose Vent
colour range:

White

General Purpose Vent

The General purpose vent is a compact wind driven ventilator designed to remove heat and odours from vehicles. Suitable for vans, trucks, trailers, caravans, canopies, boats, rail carriages and stationary locations.

Benefits

✔ DESIGNED FOR VEHICLES

Suitable for vehicles as well as stationary locations

✔ CIRCULATES AIR

Removes unpleasant and toxic odours from vehicles

✔ IMPACT RESISTANT

Built with impact resistant polymer



TurboVentura
colour range:

Black

TurboVentura™

The TurboVentura is a wind driven ventilator designed to reduce moisture from the roof space, without the use of electrical energy. Ideally suited for ventilating small areas such as a garage or shed.

Benefits

✔ DESIGNED FOR SMALL AREAS

Suitable for a garage or shed

✔ MOISTURE MANAGEMENT

Reduces the risk of moisture-related damage to your home

✔ WEATHER RESILIENT

Designed for Australian weather conditions



Sewer Vent
colour range:

White

Sewer Vent

The sewer vent is a wind driven ventilator designed for sewer systems, pits, and drains. Manufactured with stainless steel bearings and an aluminium shaft to withstand the impact of noxious air streams.

Benefits

✔ SUITABLE FOR SEWER SYSTEMS, PITS & DRAINS

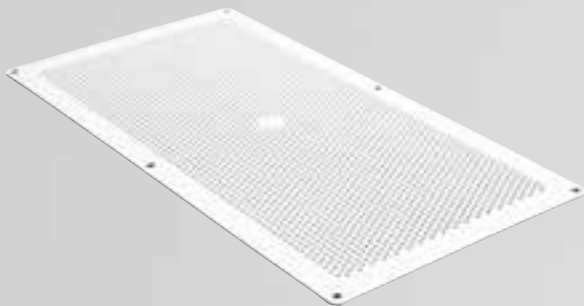
Designed for harsh environments with polluted air flow

✔ EASY INSTALLATION

Compatible for installation directly onto a 150mm PVC pipe

✔ WEATHER RESILIENT

Designed for Australian weather conditions



Poly Eave Vent
colour range:

White

Poly Eave Vent

Poly Eave vents are plastic vents suitable for installation outside under the eave of a roof and allow airflow into the roof space to improve cross flow ventilation. Perfect for working in conjunction with WindMaster, SupaVent & TurboBeam ventilators.

Benefits

✔ **HEAT REDUCTION**

Provides an inlet for outside air into the roof space to help improve thermal performance

✔ **MOISTURE MANAGEMENT**

Allows cross flow of ventilation to remove excess heat & moisture

✔ **PEACE OF MIND**

Australian made



Metal Eave Vent
colour range:

White

Metal Eave Vent

Metal Eave vents are installed outside under the eave of a roof and allow airflow into the roof space to improve cross flow ventilation. The Metal Eave vent is designed for homes in bushfire zones up to BAL40 and is recommended for use with Maestro BAL or WindMaster BAL.

Benefits

✔ **HEAT REDUCTION**

Provides an inlet for outside air into the roof space to help improve thermal performance

✔ **MOISTURE MANAGEMENT**

Allows cross flow of ventilation to remove excess heat & moisture

✔ **PEACE OF MIND**

Designed for bushfire zones



WhirlyMate
colour range:

White

WhirlyMate

The WhirlyMate is a square shaped interior ceiling grille designed to allow control of air flow within your home.

Benefits

✔ HEAT REDUCTION

Allows heat to escape from your living area to your roof space during Summer

✔ ADAPTABLE FOR SEASONAL CHANGE

Grille is easily opened or closed to suit the needs of the season

✔ ENHANCE YOUR ROOF VENTILATION SYSTEM

Can be used to create a total living area ventilation system



Round ceiling grilles
colour range:

White

Round ceiling grilles

Round ceiling grilles are designed to be connected to roof mounted ventilators with ducting to reduce heat and moisture from living areas in your home.

Benefits

✔ HEAT REDUCTION

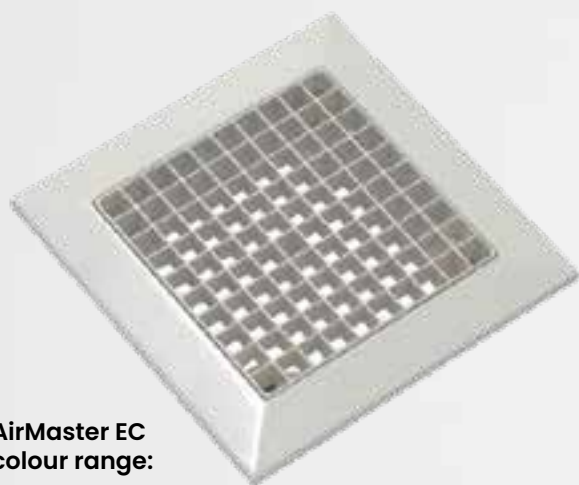
Allows heat to escape from your living area to your ventilator during Summer

✔ AIR QUALITY

Reduces the level of stale air within your home

✔ AESTHETICALLY PLEASING

Blends into ceiling surfaces



AirMaster EC
colour range:

White

AirMaster EC

The AirMaster EC is a return air grille manufactured from a high quality impact resistant ABS resin specially formulated for maximum colour retention.

Benefits

✔ EASY TO MAINTAIN

Designed with a detachable and magnetic face for easy cleaning

✔ SUITABLE FOR TOILET AREAS

Ideal for return air purposes

✔ SMOOTH SURFACE

The smooth surfaces reduce particle build-up

Product Specifications

Product	Materials	Size	Ball Bearings	Weight	Application
WindMaster™	Aluminium	300mm opening	High carbon chromium steel ball bearings	1.9kg	Residential homes
WindMaster™ BAL	Aluminium	300mm opening	Double stainless steel bearings	2.2kg	Residential homes in bushfire zones up to BAL40
SupaVent™	UV stable polymer	250mm opening	Stainless steel ball bearings	1.9kg	Residential homes near coastal areas
TurboBeam™	UV stable polymer	250mm opening	Stainless steel ball bearings	1.9kg	Residential homes near coastal areas, sheds, garages or workshops
Roof Valve BAL	Aluminium	150mm opening	N/A	0.8kg	Wet areas: bathroom, kitchen & laundry
Roof Valve	ASA polymer head & aluminium flashing	150mm opening	N/A	0.8kg	Wet areas, bathroom, kitchen & laundry
General Purpose Vent	ASA plastic head with steel shaft	124mm opening	High carbon chromium steel ball bearings	0.4kg	Variety of vehicle types and stationary locations
TurboVentura™	ASA plastic head with aluminium shaft, varipitch & flashing	150mm opening	High carbon chromium steel ball bearings	1.2kg	Small garages & sheds
Sewer Vent	UV stable polymer	150mm opening	Stainless steel bearings	1.2kg	Sewer systems, pits & drains
PolyEave Vent	ASA polymer	418mmL x 220mmW	N/A	0.17kg	Residential homes in non-BAL areas
Metal Eave Vent	Aluminium frame with stainless steel mesh	418mmL x 220mmW	N/A	0.3kg	Residential homes for bushfire zones up to BAL40
WhirlyMate	ABS plastic	352mmL x 352mmW	N/A	0.9kg	Residential homes
Round Ceiling Grilles	ABS plastic	Available in 4 sizes – 150mm , 200mm, 250mm & 300mm	N/A	0.43kg, 0.68kg, 1.04kg, 1.45kg	Residential homes
AirMaster EC	ABS plastic	207mm x 207mm	N/A	0.3kg	Residential homes for toilet areas

Power Driven Ventilation

Motorised and smart solutions for optimal performance.



Why Choose Power Driven Ventilation

Power driven vents have the built in smarts that allow you to continuously control the comfort in your home through all seasonal variations.

Fixed speed or automatic heat and humidity detection options are available to manage heat and condensation levels.

The low energy usage of the powered ventilation range supports the reduction of energy consumption.



Heat Reduction

Removes heat and replaces with outside air



Energy Efficient

Helps reduce the load on air conditioning by reducing the roof space temperature



Moisture Management

Reduce the risk of moisture - related damage to your home



Improve Air Circulation

Replaces stale and polluted air inside your roof cavity with outside air



A 1 YEAR WARRANTY
ON THE POWER PACK

Maestro BAL™

Maestro BAL powered by Air iQ is a high-performance, smart ventilator that can automatically detects and removes heat & moisture from the roof space.

Ideal for homes in bushfire rated areas.

Benefits

✓ BAL RATED

Ideal for homes in bushfire rated areas up to BAL40 (AS3959)

✓ SEASONAL EFFECTIVENESS

Acclimatises to hot and cold weather to provide the most comfortable conditions in your home

✓ PEACE OF MIND

Australian made with a two year warranty

Recommended Ventilation Levels[^]

Roof Pitch	Longest Horizontal Roof Dim. [†]	No. of Maestro BAL Vents Required [†]	Metal Eave Vents
>10°	0 to <50m	1	4
	50m to <100m	2	6

1. At pre-fixed speed.



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Maestro BAL colour range:



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AiroMatic™

AiroMatic is set to a powerful fixed speed for continuous, high performance ventilation.

It also includes a built-in Air iQ smart box that can alternatively be set to automatically detect heat and humidity to protect the home when it matters most.



A 1 YEAR WARRANTY
ON THE POWER PACK

Benefits

✓ NATURAL LIGHT

Deters unwanted pests in your roof space

✓ VARIABLE SPEED

Fixed speeds and automatic speed options are available to suit different requirements

✓ MOISTURE MANAGEMENT

Reduces risk of condensation, mould and structural damage to your roof space

Recommended Ventilation Levels[^]

Roof Pitch	Longest Horizontal Roof Dim. [†]	No. of AiroMatic Required ¹	Metal Eave Vents
>10°	0 to <50m	1	4
	50m to <100m	2	6

1. At pre-fixed speed.



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AiroMatic colour range:



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AiroMatic® Continuous Flow (CF)

AiroMatic CF is a high-performance ventilator that continuously removes heat and moisture from the roof space.

Benefits

✔ CONTINUOUS AIR EXCHANGE

It helps to control heat in summer and condensation risk in winter in the roof space.

✔ CONDENSATION MANAGEMENT

Reduces the risk of condensation formation.

✔ POWERFUL PERFORMANCE

Equivalent to 4 wind driven ventilators which reduces the number of roof penetrations

Recommended Ventilation Levels[^]

Roof Pitch	Longest Horizontal Roof Dim. [†]	No. of AiroMatic Required [†]	Metal Eave Vents
>10°	0 to <50m	1	4
	50m to <100m	2	6

AiroMatic colour range:



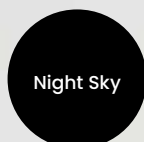
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SolarXVENT colour range:



SolarXVENT™

The SolarXVENT harnesses the sun and runs energy-free to exhaust heat and humidity from the roof cavity making for a more comfortable, energy-efficient home.

Benefits

❶ NO WIRES REQUIRED

Completely powered by the sun, no need for wires or electrical components

❷ SUITABLE FOR SMALL SPACES

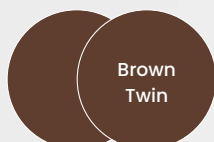
Befitting for locations like sheds where there is no electrical connectivity

❸ LOWERS ENERGY COSTS

An energy efficient solution to reduce the temperature build up in your roof space



EcoFan colour range:



EcoFan®

EcoFan is a quality subfloor ventilator with powerful air flow. It removes damp, stale air and odours from the underfloor, replacing it with outside air.

Benefits

❶ SMART VENTILATION

Uses Air iQ to adjust to the environment

❷ CONDENSATION MANAGEMENT

Three preset fixed speeds can be used for the continuous and reliable reduction of damaging moisture

❸ AVAILABLE IN A TWIN PACK

Cross flow ventilation is achieved by installing the two on opposite sides of the subfloor

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Product Specifications

Product	Dome & Housing	Throat Diameter	Bushfire Rating	Maximum Flow Rate	Output Voltage	Roof Slope Installation Range & Area
Maestro BAL™	Aluminium	300mm	Compliant up to BAL-40 (AS3959)	880m³/hr	24VDC	Tiled Roofs: 15° to 35° Metal Sheet Roofs: 3° to 35°*
AiroMatic™	UV stable polymer	250mm	N/A	647m³/hr	24VDC	Tiled Roofs: 15° to 35° Metal Sheet Roofs: 3° to 35°*
AiroMatic® Continuous Flow (CF)	UV stable polymer	250mm	N/A	360m³/hr	24VDC	Tiled Roofs: 15° to 35° Metal Sheet Roofs: 3° to 35°*
EcoFan®	UV stable polymer	250mm	N/A	734m³/hr	24VDC	Exterior wall of subfloor
SolarXVENT™	Weatherproof acrylic	150mm	N/A	150m³/hr	18V, Max Power 10W	3° to 35°

*Where applicable all roof pitches must comply to AS1562.1, the NCC & Australian Standards weatherproofing requirements within the ranges above.

Why Choose Power Driven Ventilation



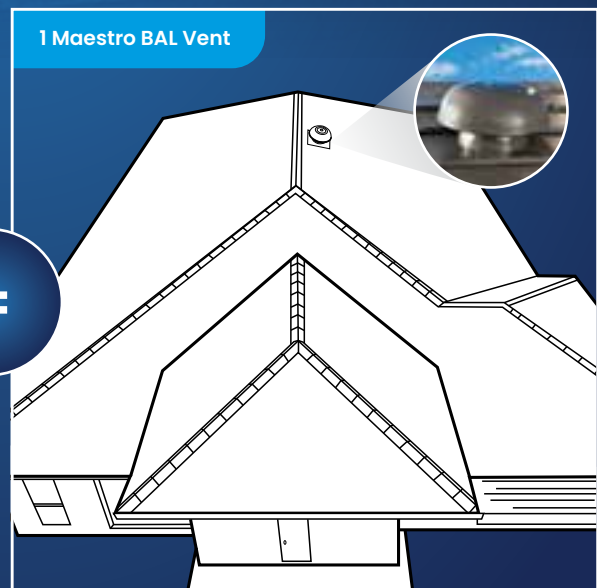
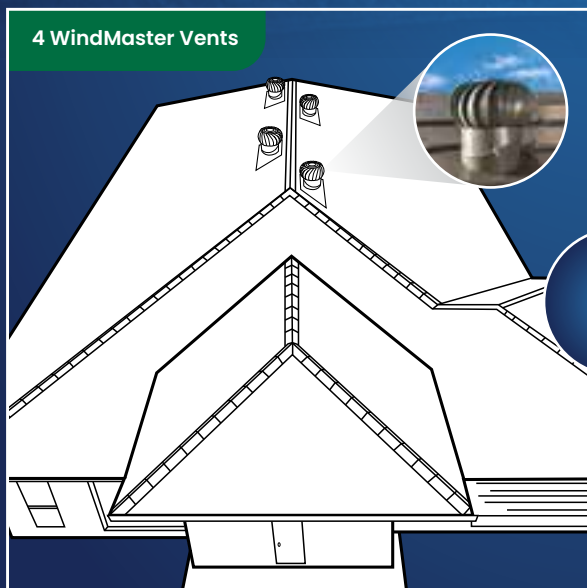
Our power driven vents are smart and powerful, boasting best in class performance for residential homes in bushfire and non-bushfire applications.

When Air iQ is activated, AiroMatic or Maestro BAL can intelligently detect the level of heat and humidity in the roof space and regulate their fan speeds accordingly. With a max speed of up to $880\text{m}^3/\text{hr}^\wedge$, they can outperform almost all other residential vents on the market within the same categories.

This means most homes will only require 1 power driven vent to effectively ventilate their roof.

Less is more with Bradford Ventilation.

Did you know that 1 Maestro BAL or 1 AiroMatic is equivalent to 4 WindMaster Vents?*



$^\wedge$ $880\text{m}^3/\text{hr}$ for Maestro BAL, $647\text{m}^3/\text{hr}$ for AiroMatic. * At pre-fixed speed setting, when combined with the recommended number of evenly distributed eave vents to provide replacement air.

Achieve Total Home Comfort with Bradford

Ceilings

Installing ceiling insulation will provide greater thermal comfort.

Two-Storey Midfloors

Installing acoustic insulation in two-storey midfloors can reduce airborne noise transfer between floors.

Internal Walls

Installing acoustic insulation will help minimize noise transfer between rooms.

Roofs

Combining roof sarking or a roof blanket and ventilation creates an effective condensation management system.

External Walls

Combining insulation with a wall wrap can create a high performance thermal barrier and an effective condensation and weather resistant management system.

Everyone deserves Total Home Comfort

Imagine walking into a home that's welcoming and a joy to live in, a place where you can relax, work, entertain and enjoy family life in total comfort.

Bradford offers the key to Total Home Comfort with an extensive range of products that allows you to choose the perfect level of comfort for your home and family.



Thermal Comfort



Acoustic Comfort



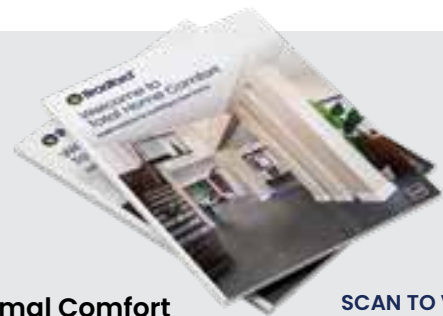
Financial Comfort



Healthy Home



Peace of Mind



SCAN TO VISIT
THE WEBSITE

