

WindMaster™ Natural Roof Ventilator

Refer to product table below for applicable product codes covered by this document

Issue

В

Product Type & Application

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

Compliance with the NCC

When correctly specified and installed this natural roof ventilator meets the requirement of the NCC2019 Ventilation of Roof Spaces Volume 1 Clause F6.4 and Volume 2 Clause 3.8.7.4 as a Deemed-To-Satisfy solution.

Evidence of Suitability

• Bradford Ventilation DTS Solution Calculation

Conditions of Storage, Use & Maintenance

- Store in the original packaging in a cool and dry area.
- Do not attempt to repair contact Bradford Ventilation.

Refer to the product warranty at bradfordventilation.com.au for more information.

Limitations of Use

- The Windmaster is designed for Class 1 and Class 10 construction in non-cyclonic regions.
- Do not use for exhausting hazardous or explosive materials and vapour.
- This product is not suitable for bushfire (BAL) rated areas.

Specific Design or Installation Instructions

- This product must be installed and sealed against water ingress.
- New construction refer to the table below for recommended ventilation levels
- Retro-fit construction for each 90sqm of ceiling area it is recommended that 1 WindMaster and 2 Bradford metal eave vents should be installed
- To facilitate effective and efficient crossflow ventilation, the WindMaster and eave vents must be evenly distributed.
- The rotating head of this product must be installed horizontally to ensure correct operation.

NCC2019 Ventilation of Roof Spaces Deemed-To-Satisfy Solution Requirements:

- Calculate the area (m²) of ceiling directly under the roof space;
- Determine the pitch of the roof;
- Look-up the recommended number of Windmasters and Bradford metal eave vents in the Deemed-To-Satisfy Solution Table below;
- Distribute the Windmaster(s) and Bradford Metal Eave Vents evenly.

Bradford Ventilation Deemed-To-Satisfy Solution Table

Roof Pitch	Total Ceiling Area ¹	Number of Windmasters	Bradford Metal Eave
	(m²)	required	Vents required
> 22°	< 62	1	5
	< 124	2	9
	< 187	3	13
	< 249	4	17
	< 312	5	22
	< 374	6	26
≤ 22°	< 62	2	10
	< 124	4	18
	< 187	6	26
	< 249	8	34
	< 312	10	44
	< 374	12	52

¹ Total Ceiling Area is defined as the total ceiling area directly under the roof/attic space.

For general installation guidance refer to the product installation guide at www.bradfordventilation.com.au

CSR Bradford Locked Bag 1345 North Ryde BC NSW 1670 csrbradford.com.au

For further technical advice call 1300 850 305 or visit csrbradford.com.au





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Applicable Product Codes (SKU)

Classic Cream	Paperbark	Cove	Gully	Loft	Surfmist
61151	61152	125754	125751	90674	61143
Evening Haze	Mangrove	Pale Eucalypt	Wilderness	Cottage Green	Headland
90673	125755	61147	61150	61148	61145
Jasper	Terrain	Manor Red	Shale Grey	Dune	Windspray
61161	125753	61146	61155	61153	61154
Basalt	Wallaby	Woodland Grey	Deep Ocean	Ironstone	Monument
125752	125756	61149	61159	61166	90675
Night Sky	Mill	Bluegum	Dover White	Southerly	
61144	61141	481726	481724	481725	

Product Specifications

General		
Ventilator Type	Natural Roof Ventilator	
Turbine Diameter	420 mm	
Varipitch Diameter	306 mm	
Product Weight	1.90 kg	
Wind Loading	Passed Wind Loading Test in accordance to AS/NZS 4740 up to 205 km/h	
Roof Pitch	Up to 45°	

Material		
Turbine	Aluminium	
Varipitch	Aluminium	
Flashing	Aluminium	
Shaft	Zinc passivate plated mild steel	
Bearing Holder, Support Ring and Brackets	Glass-Filled Nylon	
Screws	Stainless Steel and Galvanised	

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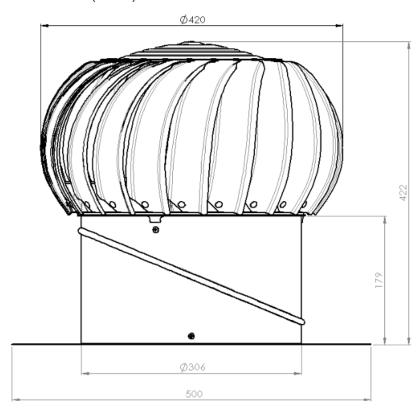
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Product Dimensions (in mm)



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