

# SupaVent<sup>™</sup> Wind Driven Turbine Ventilator

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

Issue A

#### **Product Type & Application**

The Bradford Ventilation SupaVent is a wind driven turbine ventilator designed to exhaust heat and moisture from the roof space, without the use of 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 SupaVent is designed for Class 1 and Class 10 construction in non-cyclonic regions.
- Do not use for exhausting hazardous, abrasive, 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.
- Installation must be accordance with the Bradford Ventilation Residential Turbine Ventilator Installation Instruction.
- Refer to the table below for recommended ventilation levels
- To facilitate effective and efficient crossflow ventilation, the SupaVent(s) 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 (m<sup>2</sup>) of ceiling directly under the roof space;
- Determine the pitch of the roof;
- Look up the recommended number of SupaVent and Bradford Metal Eave vents in the Deemed-To-Satisfy Solution Table below;
- Distribute the SupaVent(s) and Bradford Metal Eave Vents evenly.

Bradford Ventilation Deemed-To-Satisfy Solution Table

Roof Pitch	Total Ceiling Area (m²)	Number of SupaVent required	Bradford Metal Eave Vents required
> 22°	46	1	4
	92	2	7
	138	3	10
	184	4	13
	231	5	16
	277	6	19
	323	7	22

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

Where the roof pitch is  $\leq 22^{\circ}$ , the number of ventilators and eave vents specified must be doubled for the same ceiling area.

## 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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### SupaVent<sup>™</sup> Wind Driven Turbine Ventilator

### Applicable Product Codes (SKU)

BASALT	WOODLAND GREY	SURFMIST	COTTAGE GREEN	DEEP OCEAN	DUNE
136911	61174	61168	61173	61179	61176
HEADLAND	IRONSTONE	JASPER	MANOR RED	MONUMENT	NIGHTSKY
61170	61182	61180	61171	105182	61169
PALE EUCALYPT	PAPERBARK	SHALE GREY			
61172	61175	61177			

#### **Product Specifications**

General		
Ventilator Type	Wind Driven Natural Ventilator	
Turbine Diameter	327.5 mm	
Varipitch Diameter	255.5 mm	
Product Weight	1.9 kg	
Wind Loading	Passed Wind Loading Test in accordance to AS/NZS 4740 up to 205 km/h	

Material		
Turbine	ASA Plastic	
Varipitch	Aluminium	
Flashing	Aluminium	
Shaft	Aluminium	
Bearings	Twin Stainless-Steel Bearings	

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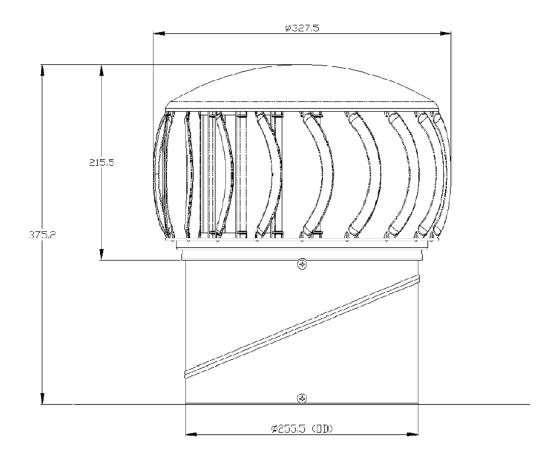
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### SupaVent<sup>™</sup> Wind Driven Turbine Ventilator

Product Dimensions (in mm)



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