

# TurboVentura<sup>™</sup> Natural Roof Ventilator

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

Issue Α

### **Product Type & Application**

The Bradford Ventilation TurboVentura™ is a wind driven natural ventilator that is designed to exhaust heat & moisture from the roof space, without the use or electrical energy. It is made of UV resistance engineering polymers and a 150mm throat.

#### Compliance with the NCC

For use in Australia, when correctly specified and installed, this product;

• Condensation Management - 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.
- This product requires regular check for wear/tear.

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

### Limitations of Use

- The TurboVentura is designed for Class 1 and Class 10 building roof ventilation in non-cyclonic regions.
- Do not use for exhausting hazardous, abrasive, explosive materials and vapour.
- This product is not suitable for cyclonic rated regions.
- This product is not suitable for bushfire (BAL) rated areas.

## **Specific Design or Installation Instructions**

- This product must be installed in a dry location and sealed against water ingress.
- · Assembly and installation must be accordance with the TurboVentura installation manual.
- Refer to the table below for recommended ventilation levels
- To facilitate effective and efficient crossflow ventilation, the TurboVentura 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 TurboVenturas 0 and Bradford metal eave vents in the Deemed-To-Satisfy Solution Table below;
- Distribute the TurboVentura™(s) and Bradford Metal 0 Eave Vents evenly.

Bradford Ventilation Deemed-To-Satisfy Solution Table

Roof Pitch	Total Ceiling	Number of	Bradford Metal
	Area <sup>1</sup>	TurboVentura	Eave
	(m <sup>2</sup> )	required	Vents required
> 22°	< 37	1	3
	< 75	2	6
	< 112	3	8
	< 150	4	11
	< 188	5	13
	< 225	6	16
≤ 22°	< 37	2	6
	< 75	4	12
	< 112	6	16
	< 150	8	22
	< 188	10	26
	< 225	12	32

<sup>1</sup> 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

Product Technical Statements are referenced as suitable documentary evidence to support the use of a product for a Performance Requirement or a Deemed-to-Satisfy Provision of the BCA under Part A5.2(1)(f).





# **TurboVentura™ Natural Roof Ventilator**

# Applicable Product Codes (SKU)

Colour	Material Code
Black	61375

#### **Product Specifications**

General		
Ventilator Type	Natural Roof Ventilator	
Turbine Diameter	236 mm	
Varipitch Diameter	154 mm	
Product Weight	1.20 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	ASA Plastic
Varipitch	Aluminium
Flashing	Aluminium
Shaft	Aluminium
Rotation Bearings	Twin Ball Bearings

## Product Dimensions (in mm)



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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