

TurboVentura™ Natural Roof Ventilator

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

Issue **A**

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

Bradford Ventilation Deemed-To-Satisfy Solution Table

Roof Pitch	Total Ceiling Area ¹ (m ²)	Number of TurboVentura required	Bradford Metal Eave 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

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

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)

