

## Technical Data Sheet

# TurboBeam Turbine Ventilator



### Product Summary

A lightweight roof mounted turbine ventilator. The TurboBeam is constructed from medium and high compact acrylic. TurboBeam uses a clear, acrylic turbine head and reflective aluminum throat. This enables sunlight to be captured and focused into the attic space. It incorporates top and bottom precision stainless steel bearings. 10 year manufacturer's warranty available.

### Technical Features

- Clear acrylic turbine head
- Vertical vane design greatly improves performance – no others like it
- Precision stainless steel ball bearings
- Malleable aluminum base fits most roof types
- Adjustable throat suits slopes up to 45 degrees

### Technical Specifications

Flowrate:	159 CFM @ 6.8 mph, 180 CFM @ 10 mph wind speed 75 liters/second @ 11 km/hr, 85 liters/sec @ 16 km/hr wind speed
Throat Size:	10 inches, 250 mm
Material:	Top: High impact acrylic (PMMA) – excluding dome Dome: Medium impact acrylic (PMMA) Shaft: Aluminum Varipitch Throat: Internally polished aluminum Flashing (base): 19.7 in x 19.7 in x 0.028 in soft aluminum 500 mm x 500 mm x 0.7 mm soft aluminum
Rotation Bearings:	Twin 608ZZ ball bearings (410 stainless steel)
Weight:	Top: 2.65 lbs, 1.2 kg Varipitch: 0.66 lbs, 0.3 kg Flashing: 0.88 lbs, 0.4 kg Total: 4.19 lbs, 1.9 kg
Wind Speed Rating:	134 mph (197 ft/sec); 216 km/hr (60 m/s) Performance Level1 as per AS 4740:2000 Natural Ventilators

### Unique Features

This unit is attractive and has an aerodynamic profile that complements most homes. The unit is ideal for use on sheds, barns, attics or any space where ventilation and natural light is desired. The product acts as a deterrent for rodents and other creatures that don't like light. It has been tested for rain penetration by CSIRO and passed with no water penetration.