

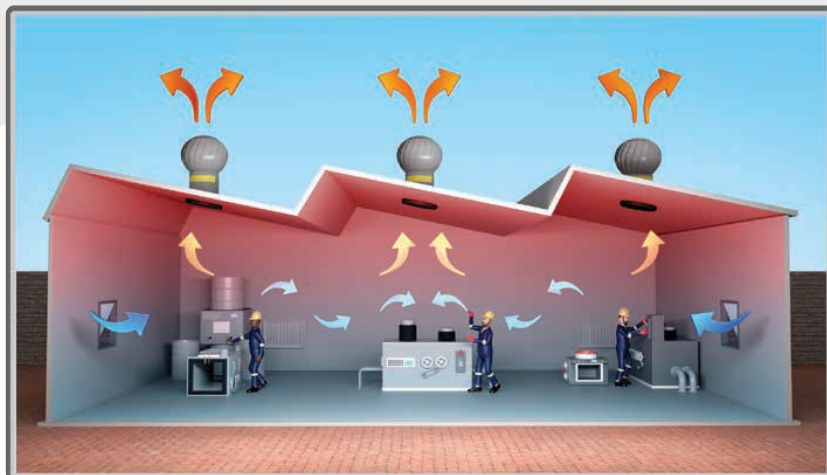
TORNADO



TURBINE ROOF VENTILATOR FOR INDUSTRIAL VENTILATION

BENEFITS

- Removes heat, fumes, steam and dust
- Improves productivity
- Improves air quality
- No maintenance or operating costs
- Water and dust proof
- Comprehensive 5 year guarantee



INDUSTRIAL TURBINE VENTILATION

The rotating turbine action removes convected heat and increases currents of fresh air to flow within a building producing a substantial cooling effect on people and the environment in general.

TECHNICAL INFORMATION

SUPERIORITY OF PRODUCT

The Tornado features such superior qualities as:

- Tested Extraction Capacity - report available on request
- Comprehensive 5 year guarantee
- 100% South African Product
- Patented Bearing system
- Top quality of manufacture
- Superior internal design of the Tornado eliminates the necessity of external supporting braces
- Larger rotating dome for increased

MATERIAL TYPE

The Tornado is available in a choice of **Galvanised, Chromadek, Zincalume and Aluminium** material. Galvanised Tornados are constructed of Iscor specification Z 275 - 0,6mm steel. The structure of the galvanised unit makes it more durable and reliable in the long run in terms of:

- high velocity wind areas, hail storms and heavy rain
- general handling and transportation

The Aluminium Tornado is recommended for coastal areas. Polyurethane treated Tornado's are recommended for the ventilation of acid and caustic fumes intensive plants to protect the material from corrosion.

TORNADO SPECIFICATIONS

Specifications	300MM Tornado	350MM Tornado	500MM Tornado	610MM Tornado
Tested Air removing capacity at ▶ 15km/h windspeed	1489m ³ /h	1863m ³ /h	4495m ³ /h	6807m ³ /h
▶ 25km/h windspeed m² floor coverage per unit	2184 ³ /h	2731 ³ /h	5757 ³ /h	8515 ³ /h
Open Area	38m ²	50m ²	120m ²	180m ²
Sealed bearings in Housing	2	2	2	2
No. of blades	20	21	32	40
Dome height	270mm	280mm	430mm	530mm
Dome width	430mm	460mm	660mm	815mm
Total height	510mm	610mm	870mm	910mm
Approximate mass:				
▶ Galvanised Tornado	6.4kg	7.6kg	16.6kg	23.8kg
▶ Chromadek Tornado	6.6kg	7.8kg	17.0kg	24.5kg
▶ Zincalume Tornado	6.0kg	7.2kg	15.6kg	23.4kg
▶ Aluminium Tornado	4.0kg	4.8kg	10.5kg	14.8kg
Note: The air-removing capacity figures shown have been calculated at an average roof height (heat stack) of five metres above working level. Average windspeed = 15km/h.				

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