

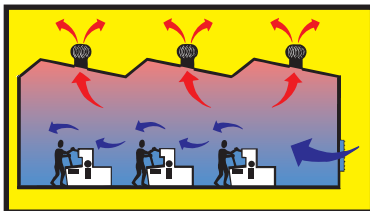
**WINDMASTER®**  
**TORNADO**  
**Turbine Roof Ventilator**  
 For  
**INDUSTRIAL VENTILATION**



**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.

Sizes available in: 300, 350, 500, 610 and 715mm



THE WHIRLING TURBINE ACTION REMOVES  
 CONVECTED HEAT AND POLLUTION BUILD-UP



**Windmaster**

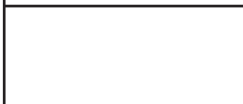
Manufactured by

**WINDMASTER INTERNATIONAL (PTY) LTD**

Specialists in Turbine Roof Ventilators  
 and Evaporative Coolers

**0861 132 132**

Distributor contact details



**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 extraction capacity • Sealed bearings enclosed in a sealed bearing housing

**MATERIAL TYPE**

The Tornado is available in a choice of Galvanised, Zinalume 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	715mm Tornado
<b>Tested Air removing capacity at</b>					
▶ 15km/h windspeed	1489m <sup>3</sup> /h	1863m <sup>3</sup> /h	4495m <sup>3</sup> /h	6807m <sup>3</sup> /h	9257m <sup>3</sup> /h
▶ 25km/h windspeed	2184m <sup>3</sup> /h	2731m <sup>3</sup> /h	5757m <sup>3</sup> /h	8515m <sup>3</sup> /h	11491m <sup>3</sup> /h
<b>m<sup>2</sup> floor coverage per unit</b>					
Open Area	38m <sup>2</sup>	50m <sup>2</sup>	120m <sup>2</sup>	180m <sup>2</sup>	260m <sup>2</sup>
<b>Sealed bearings in Housing</b>	2	2	2	2	2
<b>No. of blades</b>	20	21	32	40	46
<b>Dome height</b>	270mm	280mm	430mm	530mm	580mm
<b>Dome width</b>	430mm	460mm	660mm	815mm	980mm
<b>Total height</b>	510mm	610mm	870mm	910mm	1020mm
<b>Approximate mass:</b>					
▶ Galvanised Tornado	6.3kg	7.6kg	15.9kg	24.6kg	38.1kg
▶ Zinalume Tornado	5.7kg	7.2kg	14.7kg	22.4kg	34.05kg
▶ Aluminium Tornado	3.8kg	4.7kg	10.4kg	15.2kg	22.1kg

**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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