

GENERAL OVERVIEW

Alsynite Roof Ventilators are designed to expel hot, humid and stagnant air from commercial and industrial buildings. Powered by the wind, there are no running costs providing a cooler, more comfortable work environment.

PRODUCT CHARACTERISTICS

Alsynite Roof Ventilators are constructed from a rust resistant lightweight aluminium. The lightweight structure also assists in producing a low starting torque to initiate the ventilation function. The bearing system is a sealed prepacked double row ball bearing type. Located out of the air flow, the bearings are virtually maintenance-free and emit little noise while operating. The vertical wind vane with its wind catching lip, assists in providing a low starting torque and improves ventilation through a greater "sail" area on each vane.

Sizes

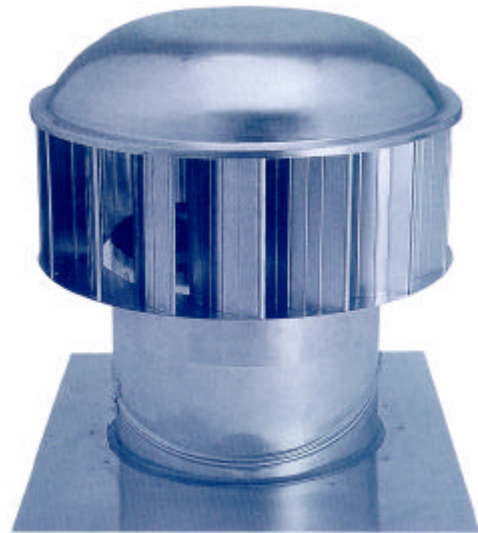
Alsynite Roof Ventilators are available in five (5) different throat sizes ranging from 150mm to 800mm. The diameter of each throat size is constant along the throat shaft. This maximises the extraction capacity for the ventilator's diameter. Other unit dimensions are detailed on the following specification page.

Colours

The standard colour is an aluminium mill finish. Powder coated colour finishes are also available, subject to special order.

Test Results

In independent laboratory trials our range of ventilators withstood the equivalent to 160 Kilometres/h winds combined with 200 millimetres/hour rain. It showed no damage or water entry.

**Installation**

Alsynite Roof Ventilators are ideal for both commercial and industrial buildings. Installation on new or existing roofs is a simple process, as the metal base can be shaped on site to any roof profile. Back flashing to existing non performing ridge ventilators is also possible.

Variable Pitch Base

The Alsynite Roof Ventilator can be easily installed due to it's unique Vari-Pitch base. This system allows the ventilator to be tailored to fit the roof pitch up to a 30° angle. In "cyclonic prone" areas, refer to your authorised Alsynite distributor for appropriate cyclonic installation procedures.

Note: The 150mm and 800mm roof ventilators are available as turbine heads only. Fabricated, fixed bases are available subject to special order.

Warranty

Alsynite's Industrial Ventilator range is supported by a 15 Year Performance Warranty. Details are available from the nearest Alsynite distributor.