

**NEW!**

## Clima Chimney Livestock Fan



**Our ultra-durable agricultural fan is designed and built to withstand harsh, corrosive environments with intense clean down cycles, whilst ensuring the highest levels of indoor air quality for livestock to thrive.**

### **Customisation**

With our strong engineering heritage, our Clima Chimney fan has been designed specifically for the livestock market and can be designed to integrate with your chimney. With its class leading impeller and proven motor technology, the Clima Chimney fan is manufactured for the harsh realities of the agricultural environment.

### **Internal rotor motor**

Based on over 100 years' experience, we understand the challenges of operating fans within this harsh environment. This motor design eliminates the risk of dust build up which when washed down, can cause an external rotor motor to fail. This design of motor provides reliability and longevity.

### **Bespoke motor design**

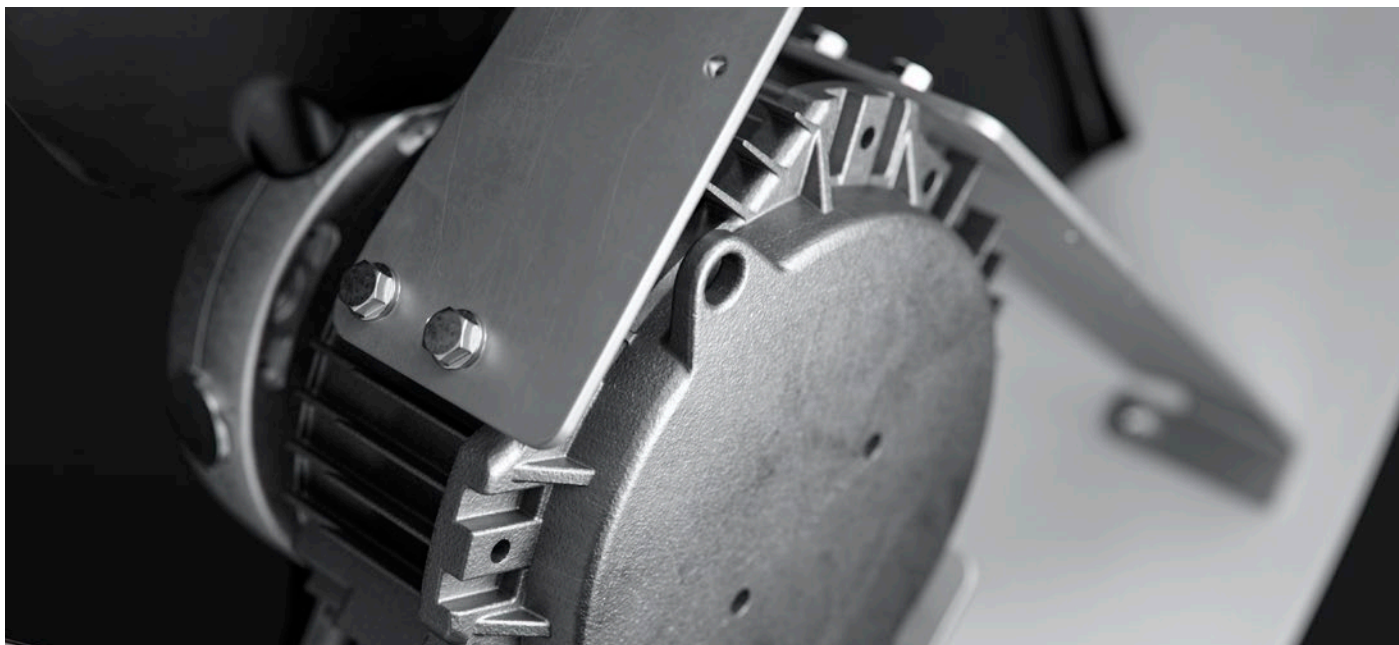
Our unique motor design features a system to ensure that any condensation or water which may find its way into the motor (due to repeated high-pressure cleaning) is effectively drained away to give the highest levels of motor protection.

### **KEY FACTS**

#### **800 mm Clima Chimney Fan**

- Durable impeller design.
- Glass reinforced polypropylene blades
- High pressure diecast Aluminium hub
- IP55 motor, fitted with IP68 drain plugs



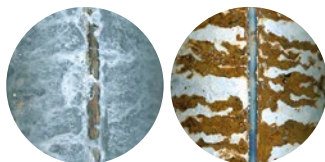


### Magnelis® Anti Corrosion finish

We fabricate our steel motor mounting arms from a unique, self-healing zinc and magnesium coated steel. The Magnelis® steel protection system provides:

- Excellent corrosion resistance; 3 times better than galvanised steel (based on outdoor tests).
- Self-healing properties, ensuring excellent edge protection.

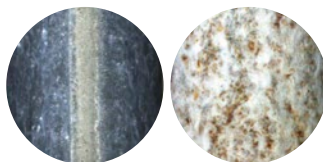
#### Magnelis® vs pre-galvanised



Magnelis® ZM120 welded, not re-protected

Galvanised Z275 welded, not re-protected

#### Magnelis® vs post-galvanised



Magnelis® ZM310 welded and re-protected

Post-galvanised welded

*Cyclic test 3CT (VDA 621-415) after 33 weeks of tests*

### Low total cost of ownership

Magnelis® offers significant cost reductions as it reduces the need for ongoing maintenance and avoids the need for additional painting. This makes Magnelis® the most cost-effective solution compared to galvanised and post-galvanised corrosion protection.

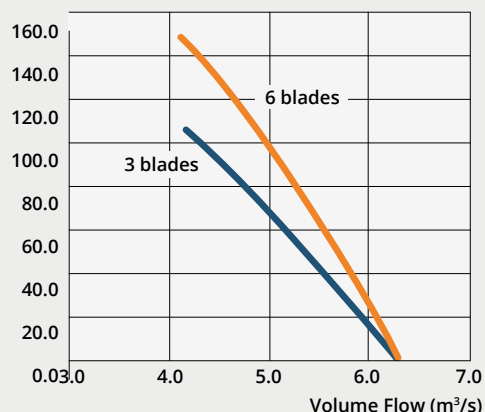


## TECHNICAL FACTS

### 800 mm Clima Chimney Fan

Casing..... Easy Duct Mount Design  
 Size..... 800 mm  
 Impeller options..... 3 & 6 blades  
 Operating temp..... 50 °C max.  
 Volume ..... Up to 6.2 m<sup>3</sup>/s  
 Pressure ..... Up to 140 Pa  
 Electrical supply ..... 3 ph / 50 Hz

Static Pressure (Pa)



*These test data were obtained in a laboratory accredited by AMCA for ISO5801 testing. Data are not certified by AMCA.*