

SERVICE GUIDELINES

5 SERIES - *Rotary Ventilator*



General Description

The Airocle **5 Series** Ventilators with their rotating heads provides effective and efficient natural air ventilation of hot and/or contaminated air. The spherical designed head provides protection from back-drafting and the design has been tested by the CSIRO to relevant Australian Standards. Engineered and made from Australian materials, the 5 Series are warranted for 20 years. Careful balance and alignment assures quiet and vibration-free operation. 5 Series Ventilators are efficient as well as aesthetically and psychologically appealing due to their effortless spinning motion.

Design Theory

The **5 Series** Ventilator incorporates a number of superior design features to give maximum efficiency and continual trouble-free service even in adverse conditions. Typhonic ball bearing action enables the slightest motion of air to rotate the 5 Series head. Efficient airflow is achieved through providing effective paths of extracting air while also harnessing fluid dynamics that assist by drawing air out of the ventilator due to its spherical design even in calm conditions.

Foreign Objects & Self-Cleaning

Wind borne matter and rain are effectively repelled by the outside of the ventilators by the unique blade design and careful positioning of all openings that ensure the weather-tightness of each unit. The spherical nature of the ventilator results in the ability for the vent to exclude birds from entering the ventilator.

Inspection Requirements

An inspection of the **5 Series** Ventilators should occur every twelve months to ensure:

- The 5 Series head is rotating freely
- No damage to ventilator head
- No damage to roof base

Upper & lower bearings should be checked every 6 months

For all necessary repairs call Airocle 1800 805 062

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