

MAINTENANCE REQUIREMENTS

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 and engineered and made from Australian material. Careful balancing and alignment ensures quiet and vibration-free operation. 5 Series Ventilators are efficient as well as aesthetically and psychologically appealing due to their effortless spinning motion.

Inspection Requirements for Rotary Ventilators

An inspection of the 5 Series Ventilator should occur every six months, or a shorter interval if used in a marine or other corrosive or abrasive environment and areas where atmospheric fallout occurs. The inspection should cover, where applicable, the following:

- > Screws through vent base flanges into purlin / fixed structure on all sides are in place and tight. Screws attaching head collar to base are in place and tight.
- > Check vents for damage, wear, corrosion or residue build up.
- > Check the ventilator head is rotating freely and not shaking or vibrating.
- > Check and ensure that the vents and all components such as cables, damper blades, mechanisms and actuators are free from obstruction and capable of operation.
- > Check for any damage to sealant used.
- > Check for any mesh or bird wire damage.
- > Check any mesh filters for particle build up.

Cleaning and Maintenance Requirements for Rotary Ventilators

Cleaning / maintenance should be carried out every 6 months using the following procedure:

- > Check and grease top bearings of vent head annually (if fans are fitted).
- > Cold water hose down of surface dirt to the inclination surfaces.
- > Warm soapy detergent wash over all surfaces.
- > Clean, cold water hose down.
- > Allow to air dry (do not allow to air dry before rinsing off the detergent).

Damage or Failure of Rotary Ventilators

In the event of damage or failure being discovered during inspection:

- > Airocle to be notified for investigation of possible causes including but limited to: manufacturing defect, damage during transit or delivery, incorrect installation.

The above process must be carried out at least once every 6 months. Should the Ventilators be 500 metres or less from saltwater environments then the process should be carried out at least once every 3 months.

Please Note: Ventilators with Booster Fans must be serviced every 12 months. If ventilators are used for Fire / Heat and Smoke ventilation, the goods must be serviced and maintained according to AS1851 every six months by an FPA Accredited and competent person. This is an essential Australian Standard compliance requirement. This will involve additional requirements, as per AS1851, to the above.

All servicing and maintenance must be carried out by an authorised technician and service records kept. Failure to do so may void the product warranty.

For all necessary repairs or servicing call Airocle on 1800 805 062

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