

# MAINTENANCE REQUIREMENTS

## 5 SERIES - 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 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.

### Inspection Requirements for both Static and Operable Ventilators

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

- Check vents for damage, wear, corrosion or residue build up.
- Check the ventilator head is rotating freely.
- Check and ensure that the vents and all components such as pulleys, hinges, latches, cables, struts, etc., are free from obstruction and capable of operation.
- Check guides, bearings, springs and hinges are well lubricated.
- Check actuators
- Check battery dates and capacities
- Check drain holes and internal drain channels are clear.
- Check ram dust covers are in place.
- Check for any mesh or bird wire damage.
- Check for any damage to sealant used.
- Any filters should be regularly checked for particle build up and cleaned every 6 months.

### Cleaning Requirements for both Static and Operable Ventilators

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

- 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)

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

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

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

### **For all necessary repairs call Airocle on 1800 805 062**

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