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ACN 002 890 477

ABN 47 002 890 477

# Air Mover Manual



**Please read this owner's manual carefully to insure that you get the most from your unit.**

## DISTRIBUTORS OF:

\*Edco Surface Preparation Tools \*Macdonald Air Tools \*Timberking Chainsaws \*Rock Drills \*Drilling Equipment \*Picket Post Driver \*Compressors  
\*Air Hose & Fittings \*ASL Lubricators \*Electric & Pneumatic Points & Chisels \*Pedestal & Wall Fans \*Mancoolers & Tube Fans \*VAF Fans \*Venturi Air Movers  
\*Gas Heaters \*SPP Pumps \*Submersible Pumps \*Transfer Pumps \*Puddle Pumps \*Layflat hose and fittings \*Bauers & Camlocks \*Blast Hole Plugs  
\*Anfo Loaders \*Slopemeters \*Schroeder Hydraulic Filters & Elements \*CBC Reversing Cameras \*Reversing Alarms & Strobes \*Osha Safety Valve

## SAFETY INFORMATION



### CAUTION!

- All units operate on 240 volt
- All maintenance & repairs should be carried out by a qualified tradesperson.
- Do not operate your Axial Fan with a cut or frayed power cord.
- Do not unplug your unit by pulling on its cord. Grasp the plug firmly and pull it out of the wall socket or power receptacle.
- The plug has a safety ground pin installed that must not be removed.
- If the pin is damaged or missing, have the power cord replaced at once.
- Visually inspect the power cord before each use.
- Ignoring these safety precautions may result in a fire or an electric shock.
- Never operate electrical equipment in standing water. There is a shock hazard.
- Never drop the unit. Sudden and severe impact may result in damage to internal components.
- Your Axial Fan should never be operated with the safety grills removed. Personal injury may result.
- Drop cloths or other loose fabrics can be drawn against the unit thereby restricting airflow. This condition may cause the unit to overheat.
- Keep the air inlet clear of any obstructions.
- This unit should never be serviced or cleaned while it is plugged into a live electrical power source.

**WARNING: Ignoring these safety precautions may result in serious personal injury.**



## **OPERATING INSTRUCTIONS**

The unit as packaged is ready to be put into service.  
Inspect the unit completely for any shipping damage.  
Place the unit on the ground or on a very stable platform.  
Plug the unit into a grounded alternating current circuit and switch the unit on.

## **MAINTENANCE**



### **Warning**

Disconnect the unit from the power supply before cleaning or servicing.

Before each use the unit should be inspected for damage, clogged inlet or outlet, or any excess build up of foreign material.

When the unit is first turned on, check for excessive vibration, which could indicate a major problem.

If the unit vibrates, have a service technician inspect the unit for the problem.



## Trouble Shooting

Problem	Cause	Solution
Unit will not run.	<ol style="list-style-type: none"><li>1. No power to unit.</li><li>2. Switch not on.</li><li>3. Switch is faulty.</li><li>4. Faulty/broken cord or motor wire.</li></ol>	<ol style="list-style-type: none"><li>1. Plug unit in. Check circuit breaker</li><li>2. Place in "ON" position.</li><li>3. Replace switch.</li><li>4. Perform continuity check, using volt/amp meter. Repair/replace faulty broken wire.</li></ol>
Unit runs but fan makes loud scraping noise	<ol style="list-style-type: none"><li>1. Unit has been severely jolted causing fan to rub against housing</li><li>2. Unit has been severely jolted causing housing to deform</li></ol>	<ol style="list-style-type: none"><li>1. Remove motor and replace damaged motor mounts</li><li>2. Repair housing damage &amp; replace fan blade</li></ol>
Unit runs but vibrates excessively	<ol style="list-style-type: none"><li>1. Severe jolt has bent motor shaft causing unit to be out of balance.</li><li>2. Fan blade damaged.</li><li>3. Dirt build up on one side of fan blade</li></ol>	<ol style="list-style-type: none"><li>1. Remove &amp; replace motor</li><li>2. Replace blade if necessary</li><li>3. Clean fan blade</li></ol>
Unit runs but fan does not turn	<ol style="list-style-type: none"><li>1. Fan is jammed against housing</li><li>2. Capacitor wire has broken/come loose, capacitor has failed</li><li>3. Housing has been damaged such that it presses on fan blade</li></ol>	<ol style="list-style-type: none"><li>1. Remove motor &amp; replace damaged motor mounts. Replace fan blade if necessary.</li><li>2. Repair/replace wires/capacitor as necessary</li><li>3. Replace housing/unit as necessary</li></ol>
Unit runs briefly, then shuts off	<ol style="list-style-type: none"><li>1. Motor bearings are failing or motor has developed an internal electrical fault.</li><li>2. Intake grill and/or exhaust grill is obstructed</li></ol>	<ol style="list-style-type: none"><li>1. Replace motor</li><li>2. Remove obstruction</li></ol>



***All wiring, electrical connections & system grounding must comply with any local codes. Employ a licensed Electrician.***

## **End-User Responsibilities:**

Warranty service must be performed by a firm or individual authorized by Airdraulic Birco Group. Please see Airdraulic Birco Group standard warranty terms & conditions.

## **WARRANTY TERMS & CONDITIONS**

**THIS WARRANTY IS APPLICABLE TO PRODUCTS PURCHASED FROM ABG IN AUSTRALIA.**

**Airdraulic Birco Group Pty Ltd warrants that the products are free of defects from manufacture. Any proven defect will be rectified by Airdraulic Birco Group Pty Ltd or Airdraulic Birco Group Pty Ltd Authorised Service Centres, free of charge within the appropriate time limits and subject to the conditions set out below:**

- Before using this product, please review the terms and conditions below, along with any user/instruction manuals. Use of the product indicates your acceptance of these terms and conditions.
- In order to claim warranty, the customer must produce the original invoice or other purchase document as proof of purchase.
- The warranty is not transferable and is only applicable if, in the opinion of the company, the product has been installed and used in accordance with the manufacturer's user instructions issued with the products.
- Damage to the products, malfunction or failure caused by incorrect air pressure, voltage, alteration, accident, misuse, neglect, abuse, misjudgment, corrosion or other conditions beyond the control of Airdraulic Birco Group Pty Ltd, tampering by unauthorised persons, allowing any foreign matter to enter or obstruct the product, shall in no way be considered as a defect of the products and are excluded from any warranties
- Nothing in this warranty shall be deemed to detract or limit the rights of the owner under any state or federal consumer legislation.
- Under the terms of this warranty, the repair or replacement of product shall be at the option of the company or it's Authorised Service Centre. If a replacement product is supplied, warranty remains based on the original date of purchase.
- All costs of re-installation, relocation, cartage, freight, mileage expenses and insurance are to be paid by the claimant.
- For Return to Base services, the user must ensure that goods are packed properly in appropriate packing. Any damage due to transport or improper packing will be at your own risk and expense.
- All service work is to be conducted by Airdraulic Birco Group or and approved service agent. Failure to comply with these conditions will invalidate any warranty.
- Airdraulic Birco group will not be liable for any loss or damage whatsoever.
- The warranty period for products purchased from Airdraulic Birco group is 12 months from the date of purchase for both labour and parts.
- This warranty does not cover any consumable or accessory unless the item is proven to be defective at the time of purchase
- Charges will apply for any non-warranty services performed.