

Owner's Manual | Viking Axial Air Mover

Read And Save These Instructions

The Viking Axial Air Mover features patent pending FOCUS™ Technology. FOCUS™ Technology revolutionizes evaporative drying by producing air velocities greater than competitive product offerings. Finally, the Viking Axial Air Mover with FOCUS™ Technology sustains these air velocities further than any other axial air mover.

The Viking Axial Air Mover includes a 2-speed motor delivering a focused airstream of approximately 3000 cfm and a lightweight stackable enclosure.



Table of Contents

| | |
|--|---|
| Introduction | 1 |
| FOCUS™ Technology Features & Benefits | 1 |
| Safety Precautions | 2 |
| Specifications & Operation | |
| Registrations | 2 |
| Specifications | 2 |
| Integrated Cord Wrap | 2 |
| Operating Instructions | 2 |
| Maintenance | |
| Servicing | 3 |
| Motor Lubrication | 3 |
| Cleaning | 3 |
| Replacement Parts and Optional Accessories | 3 |
| Wiring Diagram | 3 |

FOCUS™ Technology Features & Benefits

| | |
|-------------------------|--|
| Focused Air Flow | <ul style="list-style-type: none"> Approximately 3000 CFM air flow. |
| Power Management | <ul style="list-style-type: none"> Operator interface conveniently located for easy access. |
| Packaged for Use | <ul style="list-style-type: none"> Comes “ready-to-use” in the box. Unique offset handle promotes ease-of-use. Units interlock for ease of stacking during storage and handling. More pleasing sound than competitive units. |
| Housing | <ul style="list-style-type: none"> Linear low density polyethylene construction. Unique housing and matched blade/motor result in quiet operation. Easily serviced. |
| Long-life Motor | <ul style="list-style-type: none"> Low bearing temperatures increase motor life. Permawick® Lubrication. |

READ AND SAVE THESE INSTRUCTIONS

- Do not operate the unit with a cut or frayed power cord.
- Do not unplug the unit by pulling on the cord. Grasp the plug firmly and pull it out of the wall socket or power receptacle.
- Always use a grounded outlet.
- Never operate electrical equipment in standing water.
- Never operate with the safety grills removed. Personal injury may result.
- Do not stick your fingers or other objects through the safety grills.
- Do not restrict airflow to the unit. This may cause the unit to overheat.
- Unit should never be serviced or cleaned while it is plugged in.
- Do not sit or stand on the unit or use as a shelf or table.
- Before leaving an AXIAL AIR MOVER unattended, ensure children do not have access to the equipment. Do not allow children to play with or near the unit or in its air flow.
- To reduce the risk of fire or electric shock, do not use this air mover with any solid-state speed control device.

LIRE ET CONSERVER CES INSTRUCTIONS

- Risque de choc électrique Peut causer des blessures ou la mort. Débrancher toutes les alimentations en courant électrique à distance avant l'entretien ou le nettoyage.
- Ne pas utiliser l'appareil avec un cordon d'alimentation coupé ou effiloché.
- Ne pas débrancher l'appareil en tirant sur le cordon. Tenir la fiche fermement et la tirer hors de la prise murale ou la prise d'alimentation électrique.
- Toujours utiliser une prise mise à la terre.
- Ne jamais utiliser l'équipement électrique dans de l'eau stagnante.
- Ne jamais utiliser sans les grilles de protection. Des blessures risquent d'en résulter.
- Ne pas passer les doigts ou d'autres objets dans les grilles de protection.
- Ne pas diminuer le débit d'air arrivant jusqu'à l'appareil. L'appareil risque de trop chauffer.
- Ne pas s'asseoir ou se tenir debout sur l'appareil; ne pas l'utiliser comme étagère ou table.
- Avant de laisser un appareil aéraulique axial sans surveillance, s'assurer que les enfants n'ont pas accès à l'équipement. Ne pas laisser les enfants jouer avec l'appareil ou à proximité de l'appareil ou dans l'air qu'il projette.
- Pour réduire le risque d'incendie ou de choc électrique, ne pas utiliser ce ventilateur avec un dispositif de commande de vitesse à semi-conducteurs.

Registrations

The Viking Axial Air Mover conforms to UL STD 507.
Certified to CAN/CSA STD C22.2 No. 113.

Specifications

| | |
|--------------|---|
| Size | Height: 19.5" Width: 19.9" Depth: 15.2" (intake to exhaust) |
| Motor | 1/4 hp 1-phase 110/120 VAC 2-speed 4-pole, PSC Electric Motor. |
| CFM | Approximately 3000 |
| Cord | 20ft Power Cord |
| Current Draw | 2.5 Amps |
| Voltage | 115 VAC |

Integrated Cord Wrap

The Viking Axial Air Mover features integrated cord management. Wrap the cord around the cord wrap as shown and secure the cord with the clasp on the plug.



Cord wrap.

Axial Air Mover Operation

Operating Instructions

The Viking Axial Air Mover as packaged is ready to be put into service. Inspect the unit completely for any shipping damage. Place the unit on the ground. Orient the unit so the desired air flow direction is the same as the indicator in the FOCUS Technology corner on the interior of the unit. Plug the unit into a grounded outlet and select the drying mode.

Maintaining Your Axial Air Mover

⚠️ WARNING

WARNING: Disconnect the unit from power before servicing, lubrication or cleaning. Replace the wire safety grill after servicing, lubrication or cleaning.

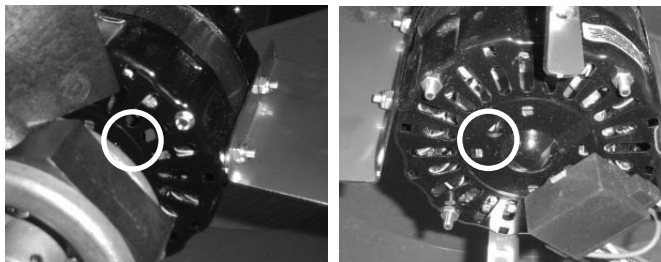
Servicing

Before each use, the Viking Axial Air Mover should be inspected for damage, blocked inlet or outlet, or any excess buildup of foreign material.

When the Viking Axial Air Mover is first turned on, check for excessive vibration. If the unit vibrates excessively or if blade rubs on housing turn off the unit immediately. Have a service technician inspect the unit to locate the problem.

Motor Lubrication

Oil the unit every six months with 3 - 4 drops of SAE 20 weight non-detergent oil. Lubricate the motor with a drop of oil after each washing.



Oil hole locations. Access the oil holes by removing the protective grill(s) and turning the unit upside down.

⚠️ IMPORTANT

IMPORTANT: The approved oil for lubrication is SAE 20 weight non-detergent oil, specifically designated for use with electric motors.

Cleaning The Axial Air Mover

The Axial Air Mover's housing is made of a durable and washable polyethylene. When cleaning, the use of solvents is NOT recommended.

When washing inside the unit, disconnect the unit from its power source. Clean inner barrel, grills and blade. Wipe down motor exterior with a damp cloth. If the motor gets wet during cleaning, simply allow ample time for motor to dry out completely before restarting. If you clean your device frequently perform motor lubrication more frequently as well.

If you wash the Axial Air Mover and do not plan to use it within 24 hours, allow the fan to drip dry for 10 minutes and then run the Axial Air Mover for 3 - 5 minutes before storing it.

Replacement Parts and Optional Accessories

Contact the factory at 1-800-533-7533 to order replacement parts, or optional accessories

| | |
|---------|---------------------------|
| 4025204 | Switch, Rocker, On-Off-On |
| 4025206 | Grill, Safety, Intake |
| 4025207 | Grill, Safety, Exhaust |
| 4025460 | Axial Air Mover Stand |
| 4025299 | Stand Hardware Kit |

Viking Axial Air Mover Wiring Diagram

