User's manual	Manual del usuario	Manuel de l'utilisateur
Customer Service US: 1-800-645-2986	Servicio de atención al Cliente US: 1-800-645-2986	Service à la clientèle Canada: 888-645-2986

Axial Air Mover, 1/2 HP, 4000 CFM

Model 641765



Read this manual thoroughly prior to assembly, operation or maintenance. Keep these instructions in a safe location for future reference. For questions, visit globalindustrial.com or contact Customer Service at 1-800-645-2982.

Safety Instructions

Please observe the following safety instructions to avoid personal injury and/or property damage.

- Do not operate if the power cord or plug is damaged.
- Do not move, carry, or adjust the blower while it is operating.
- Keep the air mover out of reach of children.
- Do not modify the air mover in any way. Use only authorized Global Industrial replacement parts. Unauthorized parts may create hazards and void the warranty.
- Store the air mover in a clean, dry location when not in use. Prevent water from entering the motor. If the motor becomes wet, allow it to dry completely before operating the unit.
- Keep water away from the blower during operation to reduce the risk of electric shock. Handle the unit carefully to prevent damage or injury.
- Always operate the blower on a flat, stable surface. Using the unit on an uneven surface may cause it to tip over, resulting in injury or damage.
- Never operate without the factory-installed safety screens in place.
- Do not use near flammable materials, combustible gases, or explosive atmospheres.
- Do not attempt to disassemble or repair the blower yourself. Contact Global Industrial or an authorized service center for assistance. Always unplug the unit before servicing.
- Before each use, ensure the air intake and air outlet are free from obstructions to prevent overheating and maintain proper airflow.

Operating Instructions

The Global Industrial commercial air mover is designed to efficiently ventilate, exhaust, and circulate air. Follow the instructions below to ensure safe and proper operation.

1) Place the unit on a stable, level surface and ensure it remains secure during operation.
2) Connect the power cord to a properly grounded outlet that matches the voltage and electrical requirements listed on the unit's rating label. For added protection against electrical shock, use a GFCI-protected outlet. If you are unsure whether the outlet is properly grounded, consult a qualified electrician.
3) Adjust the speed control to the desired setting, then turn the unit on to begin operation.

GFCI Power Outlet

This blower is equipped with a built-in GFCI outlet that allows multiple units to be connected together for operation in large areas where available power outlets may be limited. Always follow all safety instructions and warnings when using the GFCI outlet.

Important: The combined electrical load of all connected devices must not exceed 12 amps. Connect or disconnect additional units only when the blower is turned OFF.

Resettable Circuit Breaker

This blower is equipped with a thermal resettable circuit breaker that protects both the unit and any connected devices from electrical overload. The circuit breaker continuously monitors the total current draw through the blower's power cord. If the combined load exceeds 12 amps, the circuit breaker will trip and disconnect power.

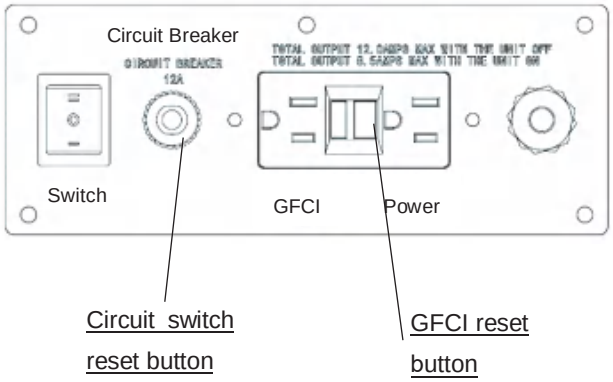
To reset the circuit breaker:

- Turn the fan OFF and unplug the device causing the overload.
- Press the Reset button located next to the GFCI outlets.
- Restore power and resume operation. If the circuit breaker continues to trip, reduce the electrical load before restarting the unit.

Controls

The air mover is equipped with a two-speed switch for fan operation.

- II - High Speed
- I - Low Speed
- 0 - Off



This air mover includes two 120V GFCI-protected outlets for powering accessories or connecting additional fans.

A Ground Fault Circuit Interrupter (GFCI) helps protect against electrical shock by detecting abnormal current flow and automatically interrupting power when a fault is detected. If a connected device causes the circuit breaker to trip:

- Unplug the device causing the overload.
- Press the Reset button located next to the outlets.
- Verify the total connected load does not exceed 12 amps before resuming operation.
- If an outlet stops working, press the Reset button to restore power. If the outlet does not reset, disconnect all connected devices and inspect for overload or electrical faults before use.

Specifications

Model	641765
Power Input	115Volt/60hz
Power	2/5hp
Current	2.7A
Motor Speed	1500rpm
Air Volume	4000cfm
Size (WxDxH)	21"x 12.8"x 21.5"
Weight	26.5lbs

For information about authorized repair and maintenance contact Global Industrial.

Maintenance

Regular maintenance will help ensure safe operation and maximize the service life of the air mover. Inspect the power cord and electrical wiring before each use. Do not operate if the cord or wiring is damaged, as this may result in electrical shock or fire.

- Check all fasteners and hardware for looseness before operating the unit.
- Clean the safety screens regularly to maintain proper airflow and performance.
- Listen for unusual noises during operation. If abnormal sounds are detected, turn the unit off immediately and inspect for damage or contact an authorized service center.
- Keep the blower clean and free from dirt, debris, and airflow obstructions.
- Use compressed air or a vacuum to remove dust, lint, and debris from the motor housing, air inlet, and fan blades.
- Never clean the blower with a pressure washer, water hose, or excessive moisture. Ensure the unit is completely dry before operating.
- The air mover is equipped with permanently sealed bearings and does not require lubrication. Do not attempt to oil or grease the bearings.

Troubleshooting

BLOWER DOES NOT TURN ON	1) Power switch is in the OFF position - Ensure the switch is set to the desired speed setting. 2) Circuit breajer or GFCI has tripped - Press the Reset button and restart the unit. 3) Damaged or loose power cord/wiring - Inspect the cord and wiring for damage or loose connections. Do not operate the unit if damage is present. 4) Faulty switch - Contact Global Industrial or an authorized service center for assistance.
BLOWER STARTS AND THEN SHUTS OFF	1) Air inlet or outlet is blocked - Remove any obstructions and ensure airflow passages are clear. 2) Faulty motor - Contact Global Industrial or an authorized service center.
BLOWER VIBRATES EXCESSIVELY	1) Bent motor shaft - Contact Global Industrial or an authorized service center. 2) Bent fan blade - Contact Global Industrial or an authorized service center. 3) Dirt or debris buildup on the fan blade - Clean the fan blade and surrounding housing thoroughly.
BLOWER MAKES SCRAPING NOISES	1) Damaged or warped housing contacting fan blade - Inspect the housing for dents, warping, or damage. If the housing is rubbing against the fan blade, discontinue use and contact Global Industrial or an authorized service center.
MOTOR RUNS BUT FAN DOES NOT ROTATE	1) Damaged motor/shaft - Contact Global Industrial or an authorized service center. 2) Loose fan blade retaining screw - Disconnect power and tighten the fan blade retaining screw before operating the unit.