

# Owner's Manual — Phoenix Centrifugal Air Mover

## Installation, Operation & Service Instructions

### Read and Save These Instructions

Low amp draw, balanced airflow characteristics and maximum velocities of over 2950 FPM are what propel the Phoenix to rise above the competition.

The unique 1/3 horsepower design of the Phoenix Centrifugal Air Mover, coupled with a three-speed switch, allows the restoration technician to deliver the most airflow using the fewest amps.

Maximum amp draw on high speed is 3.9 amps. This drops to a mere 2.45 amps on low speed. It is now possible to fit as many as four Phoenix Centrifugal Air Movers onto a typical 15 amp household circuit.

The Phoenix housing is durable, washable, and chemical resistant. Phoenix Centrifugal Air Movers are also stackable. In addition, molded-in runners allow for the air mover to be angled up from horizontal to 45° and 90°.



Phoenix Centrifugal Air Mover  
PN 4025825



#### Phoenix Centrifugal Air Mover

- 3-Speed 1/3 Horsepower Motor
  - 3.9 Amps on High Speed
  - 2.6 Amps on Medium Speed
  - 2.45 Amps on Low Speed
- Maximum Velocities Over 2950 FPM
- Best Balanced Exhaust Airflow
- Stackable
- Directional Airflow
  - Horizontal
  - 45° Angle
  - 90° Angle

## Table of Contents

Introduction .....	1
1. Safety Information .....	1
2. Specifications .....	2
3. Operation .....	3
4. Troubleshooting .....	3
5. Warranty .....	5

Purchase Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Dealer's Name \_\_\_\_\_

## 1 Safety Information

When using any electrical device basic precautions should always be followed, including the following:

- Do not operate unit with a cut or frayed power cord. Replace cord if it becomes damaged.
- Handle with care. Do not drop or throw the unit. The unit can be damaged under harsh treatment.
- 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.
- Make sure the unit is secure, stable and safe from falling over or falling down before operating.
- Do not sit or stand on the unit or use as a shelf.
- 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.
- Do not leave device plugged in when not in use.
- Do not expose to rain—store indoors.
- Use only as described in this manual.
- Use only Manufacturer's recommended attachments. Contact Thermo-Stor for proper repair instructions.

- Never operate units when stacked. Stacking is for transport and storage only.
- Do not pull or carry by cord, use cord as a handle, close doors on cord or pull cord around sharp edges.
- Do not run over cord.
- Keep cord away from heated surfaces.
- Do not handle plug with wet hands.
- Turn off all controls before unplugging.
- Do not use when you are tired, distracted or under the influence of drugs, alcohol or medication.

## 2 Specifications

<b>Part No.</b>	4025825
<b>Power</b>	115 VAC, 60 Hz.
<b>Operating Positions</b>	3
<b>Drive Motor</b>	1/3 Horsepower, 3-Speed
<b>Thermal Protection</b>	Thermal cut-off
<b>Stackable:</b>	Yes
<b>Cord Length</b>	20 Feet
<b>CFM</b>	Approximately 3000
<b>Outlet</b>	15A UL Rated GFCI Duplex Receptacle
<b>Current Draw</b>	2.5 Amps
<b>Warranty</b>	Year One - 100% parts and labor (all components) Year Two - 100% parts only (all components) Year Three - Only materials and workmanship of the housing are covered.

<b>SPEED</b>	<b>RPM</b>	<b>CFM</b>	<b>AMPS</b>
High	1050	2200	3.9
Medium	850	1800	2.60
Low	650	1500	2.45

### Dimensions

	<b>Machine</b>	<b>Shipping</b>
Width	16.5"	18.75"
Height	18"	22"
Depth	18"	20.5"
Weight	28 Lbs	29 Lbs

## 3 Operation

The Phoenix Centrifugal Air Mover features a four-position switch - OFF, HIGH, MEDIUM, LOW.

1. Check the unit for airflow obstructions prior to plugging in the unit or operation.
2. Place the machine into the desired position for operation.
3. Plug the power cord into a GFCI protected outlet. Do not use an extension cord in conjunction with the standard power cord.

## 4 Troubleshooting

**Symptom:** Unit will not turn on

**Problem:** Not plugged in; Switch is worn; Tripped wall circuit breaker; Short in power cord; Capacitor on motor is worn.

**Solution:** Plug machine into proper outlet; Replace switch. Reset breaker; Replace power cord or replace cord end; Replace motor.

**Symptom:** Air mover will not operate on all speeds.

**Problem:** Switch is worn; Capacitor on motor is worn.

**Solution:** Replace switch; Replace motor.

**Symptom:** Fan is rubbing.

**Problem:** The fan is out of round.

**Solution:** Replace fan.

**Symptom:** Air mover is making strange noises.

**Problem:** There is an obstruction; Motor bearing is worn.

**Solution:** Turn off motor and remove obstruction; Replace motor.

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## Phoenix Centrifugal Air Mover Limited Warranty

**Warrantor:**

Therma-Stor LLC  
PO Box 8680  
Madison, WI 53708  
Telephone: 1-800-533-7533

**Warranty:** This warranty covers Phoenix Centrifugal Air Movers

**First Year Warranty:** - 100% parts and labor (all components)

**Second Year Warranty:** - 100% parts only (all components)

**Third Year Warranty:** - Only materials and workmanship of the housing are covered.

If a defect in materials or workmanship occurs within the warranty period, Therma-Stor LLC will repair or replace the defect.

**End-User Responsibilities:** Warranty service must be performed by a servicer authorized by Therma-Stor LLC. To obtain warranty service you must obtain a return material authorization (RMA). To obtain an RMA you must present proof of purchase or (lease), by use of a warranty card, original sales receipt or other reasonable and reliable means. To obtain an RMA call Therma-Stor LLC at the above number and ask for the Therma-Stor LLC Service Department, which will then issue an RMA# and arrange for, at our option, either repair or replacement.

**Freight:** Freight to and from the servicer is the responsibility of the end-user. The end-user is responsible for normal care and proper return packaging.

**Limitations and Exclusions:** This warranty does not cover any defect, malfunction, etc. resulting from misuse, abuse, lack of normal care, corrosion, freezing, tampering, modification, unauthorized or improper repair or installation, accident, acts of nature or any other cause beyond Therma-Stor LLC's reasonable control.

If any Phoenix Centrifugal Air Mover part is repaired or replaced, the new part shall be warranted for the balance of original warranty (but all warranty periods will be extended by the period of time, if any, that the Phoenix Centrifugal Air Mover is out of service while awaiting covered warranty service).

Warranty service will be performed during normal working hours.

UPON THE EXPIRATION OF THE WRITTEN WARRANTY APPLICABLE TO THE PHOENIX CENTRIFUGAL AIR MOVER OR ANY PART THEREOF, ALL OTHER WARRANTIES IMPLIED BY LAW, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL ALSO EXPIRE. ALL WARRANTIES MADE BY THERMA-STOR LLC ARE SET FORTH HEREIN, AND NO CLAIM MAY BE MADE AGAINST THERMA-STOR BASED ON ANY ORAL WARRANTY. IN NO EVENT SHALL THERMA-STOR LLC, IN CONNECTION WITH THE SALE, INSTALLATION, USE, REPAIR OR REPLACEMENT OF ANY PHOENIX CENTRIFUGAL AIR MOVER OR PART THEREOF BE LIABLE UNDER ANY LEGAL THEORY FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES INCLUDING WITHOUT LIMITATION WATER DAMAGE (THE END USER SHOULD TAKE PRECAUTIONS AGAINST SAME), LOST PROFITS, DELAY, OR LOSS OF USE OR DAMAGE TO ANY REAL OR PERSONAL PROPERTY.

Some states do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages, so one or both of these limitations may not apply to you.

**Legal Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

