

Owner's Manual — Phoenix 230V 50Hz AirMax

Installation, Operation & Service Instructions

Read and Save These Instructions

The Phoenix 50Hz AirMax is the new leader in performance, convenience, portability, and safety for low profile air movers.

Its compact 52cm (20 1/2") X 43cm (17") footprint and 23cm (8 7/8") height make the Phoenix 50Hz AirMax the most compact and portable fan in its class. The rugged molded in handle gives you the solid control required when packing and unpacking lots of air movers. Its easy-winding cord wrap and multiple securement options makes it a snap to prep for transport. Because of its deeply-molded interlocking features, the Phoenix 50Hz AirMax is rock solid when stacked for transport.

With its Patent Pending, low resistance motor support bracket and optimized outlet shape, the Phoenix 50Hz AirMax delivers airflow of over 1274 m³/hr (750 CFM). This gives you high velocity air over a 25% larger area than other low profile air movers. In addition, the Phoenix 50Hz AirMax is stable on all 5 sides for maximum flexibility to position and direct the drying.



Phoenix 50Hz AirMax
PN 4035800

Patent Pending

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The Phoenix 50Hz AirMax

- 1274 m³/hr (750 CFM), 0.7A
- Ultra secure stacking and cord wrap
- All Stainless Steel Fasteners

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Serial No. _____

Purchase Date _____

Dealer's Name _____

Read the operation and maintenance instructions carefully before using this unit. Proper adherence to these instructions is essential to obtain maximum benefit from your Phoenix 50Hz AirMax.

1 Specifications

Part No.	4035800	
Power	230-240 VAC, 0.7 Amps	
Blower	1274 m ³ /hr (750 CFM)	
Cord	7m Power Cord (20ft)	
Warranty	One Year, 100% Parts and Labor	
Dimensions	Width	43cm (17")
	Height	23cm (8 7/8")
	Depth	52cm (20 1/2")
	Weight	9.5kg (21 lbs.)

2 Important Safety Instructions

CAUTION

CAUTION: Risk of electric shock. Can cause injury or death to reduce the risk of electric shock:

- Do not expose to standing water or rain
- Do not use an extension cord
- Unplug fan before servicing.
- Do not block air intake or outlet. One foot minimum distance to obstructions.
- Device not for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge unless they are at least 8 years of age and have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Do not allow children to play with or around the appliance. Be sure appliance is inaccessible to children when not attended.
- Cleaning and user maintenance shall not be done by children without supervision.

Indoor use only

- Do not use as stool or bench
- Do not operate with damaged cord or plug.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

WARNING

WARNING: Not Suitable for use with Solid-State Speed Controls

AVERTISSEMENT: Ne Convient Pas a Des Regulateurs De Vitesse a Semi-Conducteurs

3 Operation

3.1 Transporting the Phoenix 50Hz AirMax

The Phoenix 50Hz AirMax is designed to be stacked vertically or horizontally (“Bookshelf Stacking”) for transport.

3.2 Electrical Requirements

Connect the appropriate Cord/Plug set to the IEC C13 connector. The Phoenix 50Hz AirMax draws .7 Amps at 230 VAC and should be plugged into an appropriate grounded (earthed) outlet.

3.3 Ducting

The lip on the exhaust opening of the Phoenix 50Hz AirMax is designed to accommodate layflat ducting with 36cm (14”) or larger diameter.

4 Maintenance

WARNING

WARNING: *Disconnect the unit from power before servicing or cleaning. Replace all safety grills after servicing or cleaning*

4.1 Power Cord

Visually inspect cord and plug head before use. If there are signs of damage or excessive wear, discontinue use until the unit has been serviced.

4.2 Cleaning

The housing is made of durable and washable polypropylene. When cleaning, the use of solvents is NOT recommended.

When washing inside the unit, disconnect the unit from its power source. Protect the switch from water intrusion. Do not spray water or cleaning solution at motor. If motor does get wet, allow motor to dry completely before restarting. If fan is to be washed and not used within 24 hours, allow fan to drip dry for 10 minutes and then run for 5 minutes before storing.

IMPORTANT

IMPORTANT: *Do NOT remove impeller blade from motor assembly. Doing so can cause blade to become imbalanced upon re-assembly.*

4.3 Service

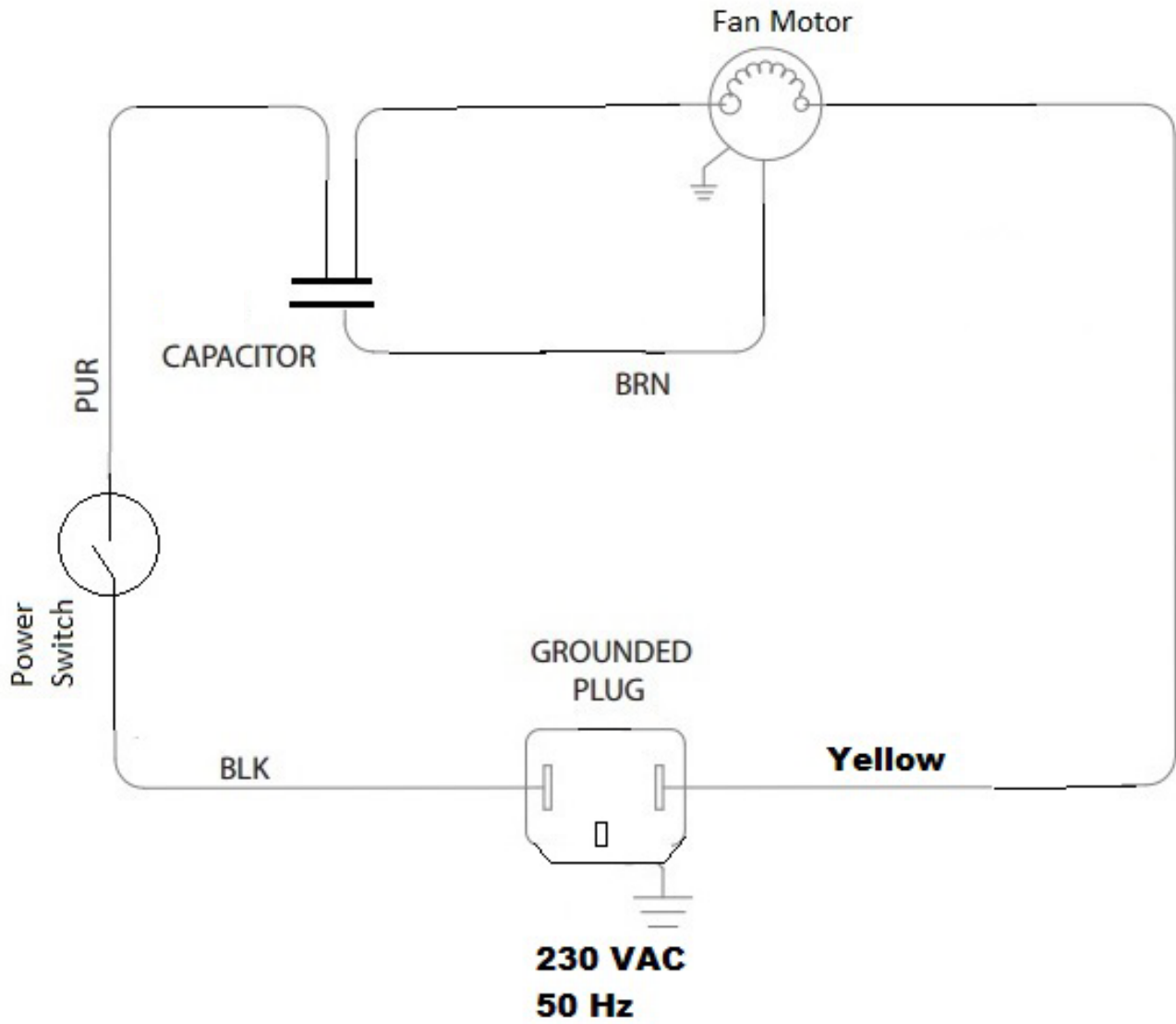
CAUTION

CAUTION: *Servicing the Phoenix 50Hz AirMax with its high voltage circuitry presents a health hazard that could result in death, serious bodily injury, and/or property damage. Disconnect the appliance from the power supply before servicing. Only qualified service people should service this unit.*

CAUTION

CAUTION: *If the supply cord becomes damaged, it must be replaced in order to avoid a hazard.*

5 Wiring Diagram



6 Service Parts

Part No.	Description	Optional Parts
4036575	Impeller Assembly	4024936
4035235-03	Run Capacitor, 6 mfd, 370 VAC	Duct, Lay Flat, 14" x 250'
4035665	Rubber Feet	
4035825	Rocker Switch	
4037469	Inlet Grill	

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Phoenix 50Hz AirMax Limited Warranty

Warrantor:

Therma-Stor LLC
4201 Lien Rd
Madison, WI 53704
Telephone: 1-800-533-7533

Who Is Covered: This warranty extends only to the original end-user of the Thrust Fan, and may not be assigned or transferred.

First Year Warranty: Therma-Stor Products warrants that, for one (1) year the Thrust Fan will operate free from any defects in materials and workmanship, or Therma-Stor Products will, at its option, repair or replace the defective part(s), free of any charge.

End-User Responsibilities: Warranty service must be performed by a Servicer authorized by Therma-Stor Products. If the end-user is unable to locate or obtain warranty service from an authorized Servicer, he should call Therma-Stor Products at the above number and ask for the Therma-Stor Products Service Department, which will then arrange for covered warranty service. Warranty service will be performed during normal working hours.

The end-user must present proof of purchase (lease) upon request, by use of the warranty card or other reasonable and reliable means. The end-user is responsible for normal care. 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 Products' reasonable control.

Limitations and Exclusions: If any Thrust Fan part is repaired or replaced, the new part shall be warranted for only the remainder of the original warranty period applicable thereto (but all warranty periods will be extended by the period of time, if any, that the Thrust Fan is out of service while awaiting covered warranty service).

UPON THE EXPIRATION OF THE WRITTEN WARRANTY APPLICABLE TO THE Thrust Fan 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 PRODUCTS ARE SET FORTH HEREIN, AND NO CLAIM MAY BE MADE AGAINST THERMA-STOR PRODUCTS BASED ON ANY ORAL WARRANTY. IN NO EVENT SHALL THERMA-STOR PRODUCTS, IN CONNECTION WITH THE SALE, INSTALLATION, USE, REPAIR OR REPLACEMENT OF ANY Thrust Fan 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.

