

PEARSON

INDUSTRIES, INC.

Turbo Carpet Dryer

OWNER'S MANUAL
SAFETY INSTRUCTIONS ENCLOSED



For use in Non-Explosive/Non-Flammable environments only

PEARSON
INDUSTRIES, INC.

5420 Newport Dr., Suite 56
Rolling Meadows, IL 60008
Tel: (847) 364-9836
Fax: (847) 963-9633

www.pearsonind.com

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Purchase Date _____ Serial No. _____

Dealer _____

Pearson Industries 5420 Newport Dr. Suite 56 • Rolling Meadows, IL 60008 • USA
Phone: (847) 963-9633 • Fax: (847) 963-9733

PEARSON LIMITED WARRANTY

If you are the original purchaser of a new Pearson Fan, then you are entitled to a limited warranty subject to the terms and conditions set forth herein. To qualify for the limited

warranty you must complete the enclosed registration card

and mail it to Buhin within (30) days of the purchase so that there is a record of your purchase. Pearson's limited warranty is for the replacement or repair of any part that proves to be defective in workmanship or materials for a period of (90) day from the date of purchase by the original purchaser. During the first (90) days, Pearson will provide all parts necessary to correct any defects, free of charge.

This limited warranty extends only to the original purchaser who retains ownership of the Fan. This limited warranty is not transferable to any subsequent purchaser or second-hand user.

The limited warranty extends only to the repair or replacement of parts found upon Pearson's examination to be defective. Unless any part or assembled unit replaced hereunder is returned, freight pre-paid, together with a letter describing the problem to Pearson or an authorized Pearson dealer, this limited warranty will be void and of no effect.

This warranty is limited to ninety (90) days for labor from the date of the purchase. Thereafter, any labor costs incurred will be charged to the customer at the prevailing hourly rate.

This limited warranty shall not extend to a product that has been used in an improper manner, or that has been disassembled, altered or improperly maintained. Nor shall this limited warranty apply if the Fan has been subjected to corrosive chemicals, improper voltage, unauthorized repairs, fire, flood, abnormal wear or any causes beyond Pearson's control.

This limited warranty does not apply if the serial number has been removed, obliterated, or defaced.

Pearson Industries reserves the right to make changes to the Fan in design, materials or specifications as necessary and without prior notice. Pearson shall not be obliged to make alterations or modifications to existing products previously manufactured.

To obtain replacement parts pursuant to this limited warranty, you must write to Pearson or call (847) 963-9633 to receive an authorization number.

Replacement parts will not be provided unless the customer first provides the serial number of the Fan and also receives an authorization number from Pearson.

OTHER THAN THE FOREGOING LIMITED WARRANTIES OR ANY AFFIRMATIONS OF FACT OR PROMISES BY BUHIN WITH WARRANTY, THERE ARE NO FURTHER

THE TERMS OF THE ABOVE LIMITED RESPECT TO THE FAN. THE DURATION OF ANY IMPLIED WARRANTIES ARE LIMITED TO

WARRANTY. SOME STATES DO NOT ALLOW WITHOUT LIMITING THE GENERALITY OF THE

LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY MAY LAST, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

FOREGOING, PEARSON EXPRESSLY DISCLAIMS ANY INFRINGEMENT OR ANY AFFIRMATIONS OF FACT OR QUALITY NOT EXPRESSLY CONTAINED HEREIN. PEARSON INDUSTRIES AND ITS AFFILIATED NEITHER ASSUME NOR AUTHORIZE ANY PERSON TO ASSUME FOR THEM ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. THERE ARE NO OTHER WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO EVENT SHALL BUHIN CORPORATION BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR FOR LOSS OF PROFITS OF ITS CUSTOMERS OR USERS OF PRODUCT. SOME STATES/JURISDICTIONS DO NOT ALLOW THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Notes

MAINTENANCE



DANGER

ALWAYS SHUT OFF THE FAN AND UNPLUG IT FROM ITS POWER SOURCE TO PREVENT ACCIDENTAL STARTING AND THE POSSIBILITY OF ELECTRICAL SHOCK AND/OR ELECTROCUTION. BE SURE THE WHEEL HAS STOPPED ROTATING BEFORE PLACING ANY OBJECTS OR FINGERS NEAR THE FAN GRILL.

I. Visually check all fasteners and individual components for loose or broken parts. Tighten or replace items, as required, only with genuine, factory approved replacement parts.

2. Keep the wheel clean from debris. Accumulation of dust, dirt, paint, etc. on the wheel will throw the wheel rotation out of balance resulting in

damage. To clean the wheel, be sure the plug is disconnected and the wheel has stopped rotating. Remove the grill and wipe the blades and interior shell housing clean of debris with a damp cloth and mild liquid soap. Dry all parts thoroughly. **DO NOT PRESSURE WASH THE FAN.** Replace grill prior to next operation.



DANGER

DO NOT OPERATE THE FAN WITHOUT THE INLET AND OUTLET GRILL PROPERLY IN PLACE.

3. Contact a Pearson Authorized Service Center, or Pearson directly for Fan maintenance or repair not described in this manual (or if you are unsure whether maintenance is required.) at Tel# (847) 963-9633, or at www.pearsonind.com.

MOTOR SPECIFICATIONS

Voltage	115V AC~
Frequency	60 Hz
Phase	Single
Electric Motor	1/3 HP, 3 Speed
Current (amps)	2.0/2.5/2.9
R.P.M	1050

GENERAL INFORMATION & DIMENSIONS

Type	Centrifugal	
Height	17"	(30.5 cm)
Width	16"	(40.7 cm)
Length	18"	(45.7 cm)
Weight	23.5 lbs	(10.66 kg)

AIR FLOW RATE

Description	CFM	M ³ /Min
High	1099	31.1
Medium	1047	29.6
Low	980	27.8

INTRODUCTION

Congratulations...on your selection of a new Carpet Dryer from Pearson Industries. Our goal is to provide you with the very best in high performance air ventilators. Reading this Owner's Manual will help you achieve the maximum benefit from your portable air ventilator. If you do not understand any portion of this Manual, please contact Pearson, or your authorized Pearson dealer for proper assistance prior to operating this Fan.

Do not allow anyone to operate the fan without first reading the Operator's Manual and becoming familiar with its operation. Pearson has endeavored to provide you with the finest equipment available for providing air for portable ventilation purposes. The possibility does exist, however, that the Fan can be

subjected to applications not intended by Pearson. **Misuse and/or misapplication of the Fan can lead to the possibility of serious damage, injury or even death.** Anyone operating the Fan should refer to current OSHA job safety and health rules and regulations pertaining to the construction industry, with a particular emphasis on 29 CFR 1910, which contains rules governing Permit-Required Confined Spaces for General Industry.

Record the Fan model and serial number in the space provided below.

Model No. _____ Serial No. _____ Date Purchased _____

All specifications are general in nature and are not intended for specific application purposes. Pearson accepts no responsibility for variations which may be evident in actual products, specifications, pictures and descriptions contained in this publication.

SAFETY PRECAUTIONS



DANGER

THE FAN IS DESIGNED FOR PORTABLE AIR VENTILATION PURPOSES ONLY. THE FAN IS NOT DESIGNED FOR TRANSPORTING LIQUID OR SEMI-SOLID MATERIALS. **THE ELECTRIC MOTOR AND FAN HOUSING ARE NOT DESIGNED FOR OPERATION IN AN EXPLOSIVE OR FLAMMABLE ATMOSPHERE. OPERATION OF THE FAN IN AN EXPLOSIVE OR FLAMMABLE ATMOSPHERE MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH.** INCORRECT USE OF THE FAN CAN RESULT IN AN ELECTRICAL SHOCK AND/OR ELECTROCUTION. ALWAYS OPERATE THE FAN IN COMPLIANCE WITH CURRENT OSHA AND NATIONAL ELECTRIC CODE REGULATIONS.



DANGER

INCORRECT USE OF THE FAN CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH. TO REDUCE THIS RISK, GIVE COMPLETE AND UNDIVIDED ATTENTION TO THE JOB AT HAND. AN ENVIRONMENT ATMOSPHERE CONSTANTLY CHANGES. THEREFORE, IT'S RECOMMENDED THAT AIR MONITORING/ GAS DETECTION EQUIPMENT BE USED FREQUENTLY. IF TESTS SHOW THAT THE ATMOSPHERE QUALIFIES AS A **HAZARDOUS LOCATION** (AN AREA WHERE THE POSSIBILITY OF EXPLOSION AND FIRE IS CREATED BY THE PRESENCE OF COMBUSTIBLE LIQUIDS, FLAMMABLE GASES, VAPORS, DUST, FIBERS, FLAMES OR FILINGS.) **DO NOT USE THIS FAN.** READ AND UNDERSTAND THE FOLLOWING PREPARATION ITEMS AND GENERAL SAFETY INFORMATION.

PREPARATION

1) Become familiar with the Fan operations before utilizing this Fan. Read and understand all. Cautions and Warnings in this Manual. Refer to current OSHA publications for complete job safety and health rules and regulations (CFR 1926 and 1910).

2) Confirm that the Fan is in its original, factory configuration and has not been modified in any manner,

3) Minors should not be allowed to operate the Fan. Close attention is necessary when used, especially when used near children or animals.

4) Guard against the possibility of back-related injuries. Always lift the Fan with leg muscles and not with the back.

5) Periodically inspect the Fan visually for damaged or worn parts. Check for loose and/or broken parts. Be sure that the Fan and accessories are in good working condition before operating.

6) Ground the motor securely. The (U.S.) Fan utilizes a NEMA 5-15P plug. It is designed to operate ONLY from a grounded, 115 volt nominal AC~, 60Hz, single phase power source that utilizes a NEMA 5-15R receptacle. The use of a ground fault circuit interrupter (GFCI) gives additional on the job protection from electrical shock hazards caused by ground faults in commercial, industrial and residential applications.

7) Know how to stop the Fan quickly in an emergency. Turn unit off at (on/off) switch located on side of unit or unplug Fan from power supply.

GENERAL SAFETY INFORMATION

1) Never place the Fan in standing water because of extreme shock hazard.

2) Never allow air intake grill to become blocked.

3) Never discharge flammable solvents or kerosene based chemicals through the Fan air intake grill.

4) Do not use the Fan in areas where flammable or combustible liquids, gases, vapors, dust, fibers, or filings may be present.

5) Never put any object in the air intake grill.

6) Never run the Fan outside when it is raining. Never store the Fan outdoors.

7) Do not use the Fan as a toy.

8) Use the Fan only with a properly grounded outlet.

9) Unplug the Fan from outlet when not in use and before servicing.

GENERAL SAFETY INFO. (CONTD)

10) Do not use the Fan with a damaged cord or plug. Do not pull or carry the Fan by its cord, do not use cord as a handle, do not close a door on the cord, and do not pull cord around sharp edges or corners. Keep cord away from heated surfaces. Do not unplug the Fan by pulling on cord, grasp the plug and not the cord. Do not handle the plug or cord with wet hands.

11) Keep hair, loose clothing, fingers, and all parts of the body away from the air intake grill.

12) Do not allow water inside the motor. If the motor becomes wet for any reason, unplug the Fan and thoroughly dry it before using again.

13) Never remove the ground from the power cord or plug, as this may result in electrical shock or electrocution. Removing the ground would void the warranty.

14) If the Fan has been dropped, left outdoors, or dropped into water, etc...., please thoroughly inspect it prior to use. If the Fan is not working or if you have a question about its safe operation, do not operate it. Contact an Pearson Fan Authorized Service Center, or Factory direct at (847) 963-9633. www.pearsonind.com.

OPERATION

1) Your new Fan comes to you completely assembled and ready to operate. Upon removing the Fan from its carton, inspect it for any possible damage in transit.

2) Before operating the Fan, please read all the safety Precautions and General Safety Information about the proper and safe use of the Fan.

3) Assess your job site, certain job site locations are classified as being hazardous because the atmosphere may contain gas vapor or dust in explosive quantities.



DANGER THE ELECTRIC MOTOR AND FAN HOUSING ARE NOT DESIGNED FOR OPERATION IN AN EXPLOSIVE AND/OR FLAMMABLE ATMOSPHERE OF ANY CLASS OR GROUP. OPERATION OF THE FAN IN AN EXPLOSIVE OR FLAMMABLE ATMOSPHERE MAY RESULT IN PERSONAL INJURY OR DEATH.

4) Locate a properly grounded outlet.

5) Prior to plugging in the Fan into a grounded outlet, inspect the inlet and outlet grills and remove debris which may restrict airflow movement. Never operate the Fan

without the inlet and outlet grills properly secured and in place. Never replace the grills with other than factory supplied replacement units.

7) Place the Fan on secure footing to prevent it from shifting while in use.

8) Do not stand directly in front of and/or face the Fan outlet. Personal injury can result from being struck by debris thrown at a relatively high velocity from the wheel.

9) Position Fan air inlet away from walls and other obstructions to allow for maximum air intake.

10) **For safe operation, use the Fan only in combination with thorough gas detection tests and continual retesting.**



DANGER

ALWAYS ASSUME A CONFINED SPACE WORK AREA IS CONTAMINATED UNTIL IT HAS BEEN PROVEN SAFE FOR WORK PERSONNEL. NEVER ENTER A CONFINED SPACE WORK AREA UNTIL IT HAS BEEN THOROUGHLY TESTED WITH APPROPRIATE GAS DETECTION EQUIPMENT AND PROVEN SAFE FOR WORK PERSONNEL.

WARNING: To reduce the risk of fire or electric shock, do not use this fan with any third party solid state speed control device.