

MASTER[®]

User's Manual & Operating Instructions

Model Numbers

MAC-708-SF / MAC-710-SF / MAC-712-SF



CONSUMER: READ AND SAVE THESE INSTRUCTIONS

IMPORTANT: Read and understand all of the safety information and instructions in this manual before operating your ventilator. Retain this manual for future reference.

This ventilator is designed to move large quantities of air rapidly. It can be used to ventilate indoor spaces for cooling or providing fresh air.

▲ DANGER

RISK OF EXPLOSION! For General Ventilating Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors.

▲ WARNING

USE THIS VENTILATOR ONLY AS DESCRIBED IN THIS MANUAL. ANY OTHER USE NOT RECOMMENDED BY THE MANUFACTURER MAY CAUSE FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

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668 Stony Hill Road #302 Yardley, PA 19067 USA • Toll Free (800)-641-6996

Fax: (215)-891-8461 • Web: www.masterindustrialproducts.com • Email: info@pinnacleint.com



Table Of Contents

Safety Information.....	1-2	Maintenance.....	5
Specifications.....	3	Troubleshooting.....	5
Features.....	3	Warranty.....	6
Operation.....	4		

Safety Information

▲WARNING To Reduce The Risk Of Electric Shock, Do Not Expose To Water Or Rain.

▲WARNING THIS IS NOT A TOY! Keep out of reach of children. This ventilator is intended for use by only qualified persons.

▲WARNING RISK OF INJURY! Keep hair, loose clothing, fingers and all body parts away from air inlet and outlet.

▲WARNING RISK OF INJURY! DO NOT MOVE VENTILATOR WHILE IT IS OPERATING.

▲WARNING RISK OF ELECTRIC SHOCK! TAKE PRECAUTIONS TO PREVENT INJURY.

▲WARNING RISK OF ELECTRIC SHOCK OR INJURY. Do not route 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 the traffic area where it will not cause a tripping hazard. Do not operate any ventilator with a damaged cord or plug, or after ventilator malfunctions, or has been dropped or damaged in any manner. Discard ventilator, or return to authorized service facility for examination and / or repair.

▲WARNING RISK OF ELECTRICAL SHOCK. Connect to properly grounded outlets only. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the ventilator. Unplug ventilator before performing any maintenance or when not in use.

▲WARNING Keep Out of Dangerous Areas – Do not operate the unit near dangerous areas such as fire, gas, fumes or hazardous materials. Doing so might lead result in injuries to the operator or those around the unit.

▲WARNING CALIFORNIA RESIDENTS: This product contains chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm.
Wash hands after handling.

▲CAUTION In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

▲CAUTION Automatically Operated Device - To Reduce The Risk Of Injury Disconnect From Power Source Before Servicing.

 **Look for this icon throughout the manual for helpful tips on how to assemble, use and clean your Industrial Ventilator.**

Safety Information

▲ DANGER DO NOT USE TO VENTILATE HARMFUL GASSES OR VAPORS.

This ventilator is designed to move large quantities of air rapidly. It can be used to ventilate indoor spaces for cooling or providing fresh air.

Before operating this ventilator, be sure that you know how to switch the ventilator off in an emergency.

ALWAYS use only the electrical power (voltage and frequency) specified on the model plate of the ventilator.

ALWAYS use only three-prong, grounded outlet..

ALWAYS use only 14 AWG or better extension cord.

ALWAYS unplug the ventilator when not in use.

ALWAYS install the ventilator so that it is not directly exposed to water spray, rain, dripping water, or wind.

ALWAYS disconnect ventilator from power source when not in use.

▲ WARNING To Reduce The Risk Of Electric Shock And Injury To Persons, Do Not Use In A Window.

Use this ventilator only in the matter intended by the manufacturer. If you have any questions, contact Customer Service at 800-641-6996

▲ WARNING To reduce the risk of electric shock, connect only to an outlet provided with a ground fault interrupting device.

▲ WARNING RISK OF ELECTRIC SHOCK!

Do not operate any ventilator with a damaged cord or plug. Discard ventilator or return to an authorized service facility for examination and/or repair.

If the ventilator is damaged, do not use it. The ventilator must be serviced by a qualified person or service agent.

When servicing or replacing a component requires the removal or disconnection of a safety device, the safety device is to be reinstalled or remounted as previously installed before operating this ventilator

NEVER pull or carry the ventilator by the power cord.

NEVER block the air inlet (rear) or air outlet (front) while in operation.

NEVER insert any objects through the ventilator guards.

NEVER use to ventilate harmful, explosive, flammable or volatile gases, fumes or substances.

This ventilator produces a strong, constant stream of air. Before operating ventilator be sure there are no unsecured materials that can be blown about the stream of air.

Minimum Distance From Ventilator						
	MAC-708-SF		MAC-710-SF		MAC-712-SF	
Front	5 ft	1.5 m	1.5 m	5 ft	1.5 m	5 ft
Rear	3.2 ft	1 m	1 m	3.2 ft	1 m	3.2 ft



**CAUTION – RISK OF ELECTRIC SHOCK
DO NOT OPEN VENTILATOR SHELL
NO USER-SERVICEABLE PARTS INSIDE**



Specifications

Model #	MAC-708-SF	MAC-710-SF	MAC-712-SF
Fan Size (inches)	8	10	12
Voltage ~ Hz	120V~60Hz	120V~60Hz	120V~60Hz
Amps	2.0	3.0	4.7
Air Flow (CFM)	880	1,500	2,300
Motor (HP)	1/3	1/2	3/4
Speed (RPM)	3,300	3,300	3,300

Specifications subject to change without notice.

Features

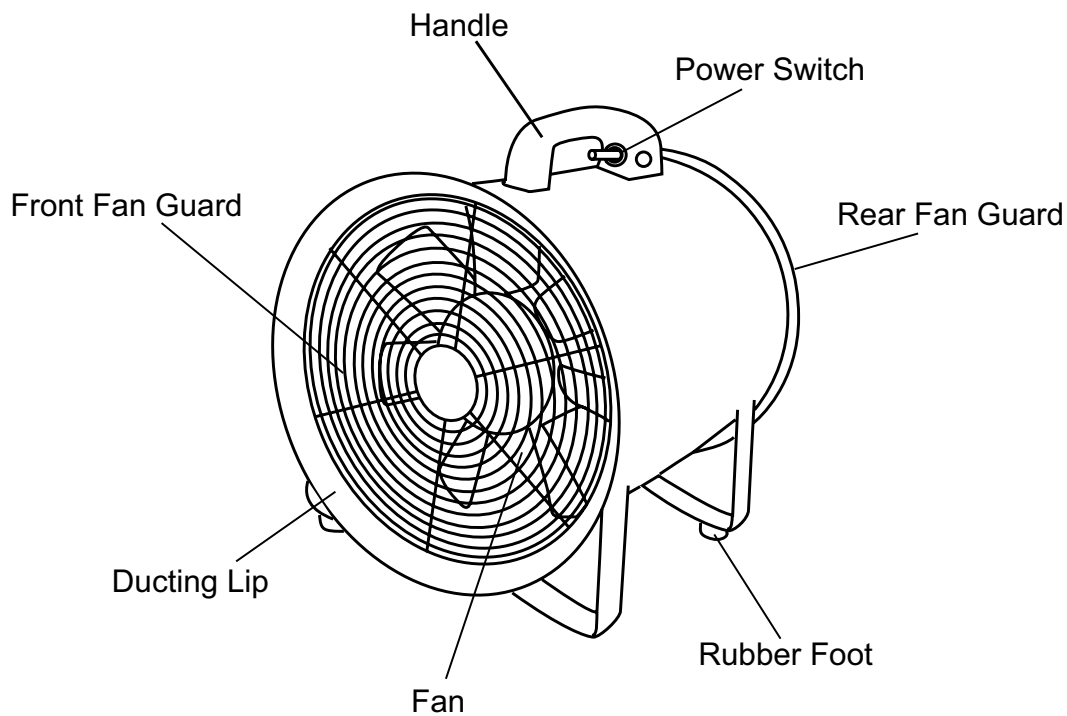
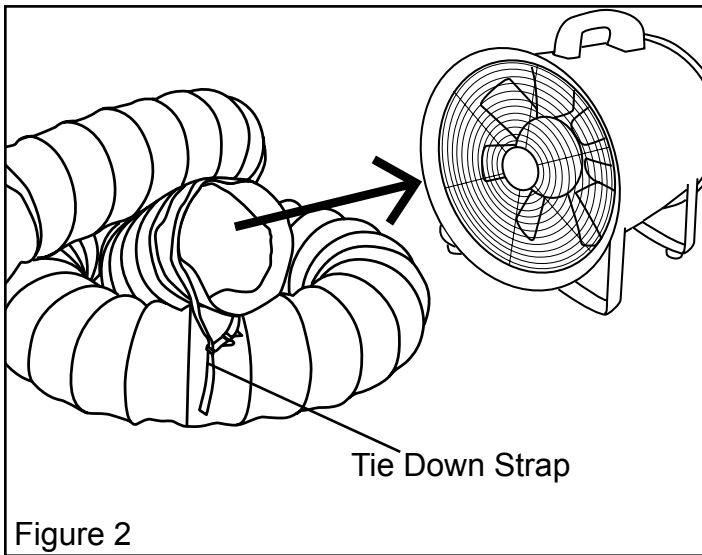


Figure 1

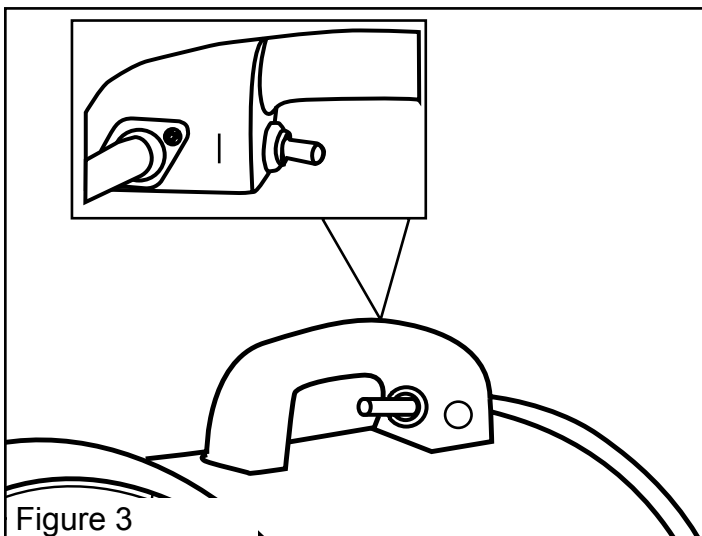
Operation

Using The Ventilator:

1. Remove the ventilator from packaging. Be certain no packaging materials are blocking the air inlet (rear) or air outlet (front).
2. Place ventilator on level ground.
3. Attach ducting (**Sold Separately**) securely using the tie down strap. (Figure 2)



4. Connect ventilator to a grounded power outlet with an approved power rating using a 14 AWG or higher gauge power cord.
5. Push power switch to the "ON" position. (Figure 3)



Moisture Control:

This ventilator can be used to remove moisture from an area.

NOTE: This ventilator will not prevent mold or mildew formation. To prevent mold or mildew formation, this ventilator should be used in unison with a dehumidifier.

Ventilation:

This ventilator can move large quantities of air rapidly to provide ventilation and cooling.

Stacking:

The housing of these ventilators are designed to stack one ventilator on top of another. (Figure 4)

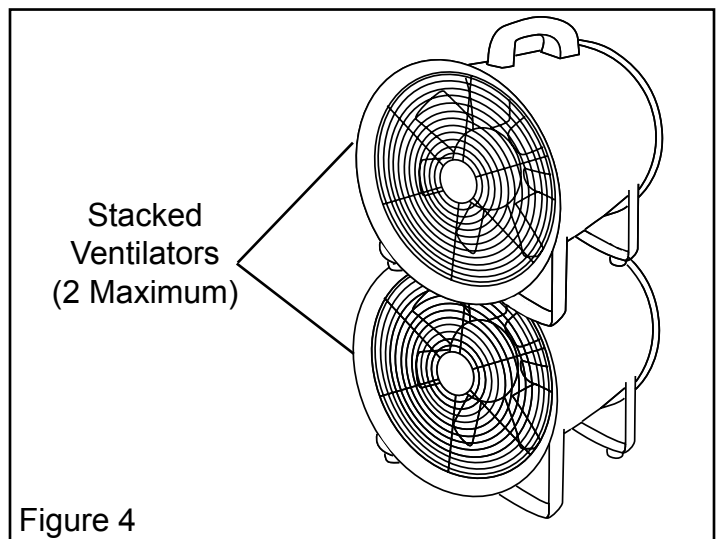
NOTE THE MAC-708-SF DOES NOT STACK.

ALWAYS be certain the ventilator is on level ground before stacking.

ALWAYS be certain ventilators are stacked properly and securely before operating.

NEVER stack more than two (2) ventilators in a single stack.

▲ WARNING RISK OF INJURY! DO NOT MOVE VENTILATOR WHILE IT IS OPERATING!



Maintenance

▲ WARNING Risk Of Injury! Always disconnect the ventilator from the power source before maintenance.

DO NOT TAMPER WITH THE UNIT. HAVE A COMPETENT SERVICEMAN MAKE ANY NECESSARY ADJUSTMENT OR REPAIRS.

Use only original equipment parts. The use of alternate or third party components can cause unsafe operating conditions and will void your warranty.



TIP: To order parts call (800)-641-6996

ELECTRICAL SYSTEM

Check the power cable regularly for damage.

If the power cable is damaged, it must be replaced by qualified person or a service agent.

AIR OUTLETS

Dust and other dirt that can collect in the air outlet must be cleaned and removed regularly.

HOUSING

Clean the housing with a mild detergent and water.

EXTERNAL PARTS

Check all external parts to ensure they have been installed properly. Be alert for unusual noises.

KEEP MOTOR AND WIRING DRY

DO NOT use a water hose or any pressurized washing device to clean your ventilator. If any electrical elements do get wet, they must be dried immediately and completely.

Troubleshooting Guide

Problem	Possible Cause	Solution
Motor does not run	<ol style="list-style-type: none"> 1. No power supply to the device. 2. Switch / knob not turned on. 3. Fan wheel blocked. 4. Air inlet or outlet is blocked. 5. Switch is broken. 6. Loose wiring. 	<ol style="list-style-type: none"> 1. Connect device, check fuse. 2. Turn knob on / press power switch to ON. 3. Inspect fan wheel and remove blockage. 4. Remove blockage and clean air inlet and air outlet. 5. Call Customer Service at 800-641-6996. 6. Call Customer Service.
Motor runs, but wheel spins irregularly or hits sides.	<ol style="list-style-type: none"> 1. A heavy impact has bent the motor suspension so that the wheel is stuck. 2. A heavy impact has let the motor slide out of the suspension so that the wheel is stuck. 	<ol style="list-style-type: none"> 3. Call Customer Service. 4. Call Customer Service.
Device vibrates excessively	<ol style="list-style-type: none"> 1. Fan wheel is stuck. 2. Fan wheel is unbalanced. 3. Fan wheel is bent. 4. Motor Shaft is bent. 	<ol style="list-style-type: none"> 1. Clean fan wheel. 2. Call Customer Service. 3. Call Customer Service. 4. Call Customer Service.

LIMITED WARRANTY

Pinnacle Products International, Inc. warrants this ventilator to the original retail purchaser only, to be free from defects in material and workmanship for a period of one (1) year from the date of initial purchase. This product must be properly installed, maintained and operated in accordance with the instructions provided.

Pinnacle Products International, Inc. requires reasonable proof of your date of purchase from an authorized retailer or distributor. Therefore, you should keep your sales slip, invoice or cancelled check from the original purchase. This Limited Warranty shall be limited to the repair or replacement of parts, which prove defective under normal use and service within the warranty period, and which **Pinnacle Products International, Inc.** shall determine at its reasonable discretion.

This warranty does not apply to products purchased for rental use.

This Limited Warranty does not cover any failures or operating difficulties due to normal wear and tear, accident, abuse, misuse, alteration, misapplication, improper installation or improper maintenance and service by you or any third part. Failure to perform normal and routine maintenance on the ventilator, shipping damage, damage related to insects, birds or animals of any kind, and damage due to weather conditions are also not covered. In addition, the Limited Warranty does not cover damage to the finish, such as scratches, dents, discoloration, rust or other weather damage, after purchase.

All transportation costs for the return of damaged product or parts will be the responsibility of the purchaser. Upon receipt of damaged item, **Pinnacle Products International, Inc.** will examine the item and determine if defective. **Pinnacle Products International, Inc.** will repair or replace and return the item, freight pre-paid.

If **Pinnacle Products International, Inc.** finds the item to be in normal operating condition, or not defective the item will be returned freight collect. This Limited Warranty is in lieu of all other express warranties. **Pinnacle Products International, Inc.** disclaims all warranties for products that are purchased from sellers other than authorized dealers or distributors.

AFTER THE PERIOD OF THE ONE (1) YEAR EXPRESS WARRANTY EXPIRES, **Pinnacle Products International, Inc.** DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR APPLICATION. FURTHER, **Pinnacle Products International, Inc.** SHALL HAVE NO LIABILITY WHATSOEVER TO PURCHASER OR ANY THIRD PARTY FOR ANY SPECIAL, INDIRECT, PUNITIVE INCIDENTAL, OR CONSEQUENTIAL DAMAGES. **Pinnacle Products International, Inc.** assumes no responsibility for any defects caused by third parties. This Limited Warranty gives the purchaser specific legal rights; a purchaser may have other rights depending upon where he or she lives. Some states do not allow the exclusion or limitation of special, incidental or consequential damages, or limitations on how long a warranty lasts, so the above exclusion and limitations may not apply to you.

Pinnacle Products International, Inc. does not authorize any person or company to assume for it any other obligation or liability in connection with the sale, installation, use, removal, return or replacement of its equipment, and no such representations are binding on **Pinnacle Products International, Inc.**

Always be sure to specify the model number and serial number when making any claim with **Pinnacle Products International, Inc.** For your convenience, use the space provided below to list this information.

Register Your Product Online at: http://www.masterindustrialproducts.com/Product_Registration.php

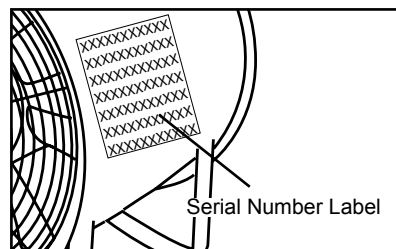
Locating Your Serial Number:

Your serial number can be found on the ventilator's Rating Label. It will begin with the letters "LX" followed by 9 digits. For Example: LX123456789. Have your Serial Number ready before calling customer service at 800-641-6996.

Model #: _____

Serial #: _____

Date of Purchase: _____





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