

Mercury Floor Machines, Inc. New Equipment Warranty

Limited Warranty

Mercury Floor Machines, Inc. warrants new equipment against defects in material and workmanship under normal use and service to the original purchaser. Any statutory implied warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. Mercury Floor Machines, Inc. will not be liable for any other damages, including but not limited to indirect or special consequential damages arising out of or in connection with the furnishing, performance, use or inability to use the machine. This remedy shall be the exclusive remedy of the purchaser. The warranty period is subject to the conditions stated below.

Lifetime on Body, 1-Year Electrical Components

Mercury Floor Machines, Inc. warrants the plastic chassis to be free of defects in materials and workmanship for one (1) year. Mercury Floor Machines, Inc. warrants the 1/2 HP electric motor to be free of defects in materials and workmanship for one (1) year, under normal use and service sold to the original purchaser. Parts replaced or repaired under this warranty are warranted for the remainder of the original warranty period. Service labor charges are covered for one (1) year from the date of purchase, when performed by a Mercury-authorized service provider. Freight charges to and from this service provider will be covered for ninety (90) days from the purchase date. After this ninety (90) day period, these freight charges will be paid by the equipment owner. Travel expenses are not covered.

Normal wear items such as capacitors, cords, finishes or switches will be warranted for manufacturing defects for ninety (90) days from the purchase date.

All warranties of motors and associated components will be voided: if the machine is serviced by anyone other than a Mercury-authorized service provider; if the machine is mechanically modified; or if the machine is misused or abused.

The warranty starts on the purchase date by the original purchaser from an authorized Mercury Floor Machines, Inc. distributor, subject to proof of purchase. The machine registration card must be completed and returned immediately at the time of purchase. If proof of purchase cannot be identified, the warranty start date is ninety (90) days after the date of sale to an authorized Mercury Floor Machines, Inc. distributor.



Mercury Floor Machines, Inc.
110 South Van Brunt Street
Englewood, NJ 07631
Phone: (201) 568-4606
Toll Free: (888) 568-4606
Fax: (201) 568-7962
www.mercuryfloormachines.com



HIGH ROLLER AIR MOVER

SAFETY, OPERATION AND MAINTENANCE MANUAL WITH PARTS LIST

Please read before use!

1/2 HP, 2200 CFM

REGISTER
YOUR
MACHINE
ONLINE!



Model No.. 90-2000WH

- Powerful Airflow
- Balanced Design
- Easy Transport
- Stackable
- Innovative Design
- Safe & Easy to Use



IMPORTANT INFORMATION AND SAFETY INSTRUCTIONS

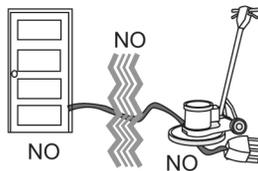
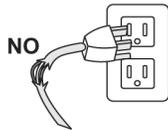
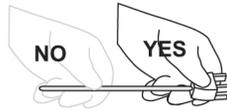
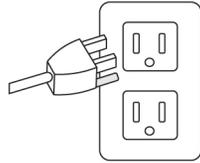
Register your Machine at mercuryfloormachines.com/registration.aspx
Serial No: _____

1.0 Safe Operating Conditions

READ THIS MANUAL BEFORE USING AIR MOVER. KNOW THE PROPER OPERATION, CORRECT APPLICATIONS AND THE LIMITATIONS OF THIS EQUIPMENT **BEFORE** USE.

Reduce the Risk of Fire, Electric Shock or Injury:

- This machine must be grounded. See section 1.2 for more details.
- This machine is designed for commercial use. It is constructed for indoor use and its not intended for any other use.
- Do not use outdoors. Do not expose to rain. Do not use in standing water.
- Do not use in flammable or explosive areas. Never operate this machine near flammable or explosive dusts, liquids or vapors.
- Do not use with damaged cord or plug.
- Do not use with an extension cord.
- Do not use machine if it not operating properly. Report problems to a supervisor.
- Wipe the chassis of the air mover to clean. Use vacuum to remove dust from fan blades. Do not wash with flowing water.
- Do not use this air mover unless trained.
- Do not drive equipment over cord.
- Do not pull air mover by cord or plug.
- Do not pull cord around sharp edges or corners.
- Do not unplug by pulling on the cord.
- Do not stretch the cord.
- Keep cords away from hot surfaces.
- Do not handle plug with wet hands.
- Do not allow air mover intake to collect burning or smoking debris, such as cigarettes, matches or hot ashes. Do not move air around areas with flammable or explosive chemicals.
- Keep the air intake free of debris. Do not operate with air intake covered or blocked.



5.0 Storing the Air Mover

- Wind the cord around the carrying handle.
- Store in the upright position in a dry area.
- Check and clean after each operation. Remove soil and chemical buildup. Use vacuum and soft brush to remove soils from motor vents and fan blades.
- Wipe the outside chassis with a mild cleaner. Never wash the outside of the air mover with flowing water. Make sure that the air intakes are not blocked.
- Check switches for proper operation. Call a trained electrician to repair or replace damaged cords and plugs. Report problems and repair promptly.

6.0 Troubleshooting

Never operate this air mover when the equipment is not performing as expected or when any part is visibly damaged. When repair is needed, take the equipment to an authorized service center.

6.1 Air Mover will not run

- Circuit breaker tripped in building. *Check and reset.*
- Equipment unplugged. *Check plug at wall and plug in.*
- Power cord failure. *Seek authorized repair services.*
- Motor sparks or smokes. *Seek authorized repair services.*

6.2 High Vibration

- Air mover fan blades are damaged or broken. *Seek authorized repair services.*
- Motor bearings are worn. *Unplug the air mover and spin the fan blades. If the spinning causes noise or restricted movement, replace the air mover with new equipment.*

3.0 Machine Parts List

Item No	Description	Qty.
1	Screws	16
2	On/Off Rocker Switch, Blk.	1
3	On/Off Rocker Switch, Cap	1
4	Strain Relief	1
5	Power Cord	1
6	Hex Nut	1
7	Front Guard	1
8	AC Motor	1
9	Blower Housing	1
10	Rubber Foot	2
11	Rivet	8
12	Wheel Cage	1
13	Intake Guard	1
14	Motor Control Panel	1
15	Jack Nut	4
16	Handle/Wheel Assembly	1

4.0 Operating Tips

- For indoor use only.
- Adjust the air mover to the desired position for operation by tipping the machine onto one of the two flat faces of the heavy-duty plastic chassis. The balanced machine design assures stable positioning.
- Plug the power cord into a grounded outlet.
- This air mover has three (3) power settings controlled at the side of the machine. Turn the power knob on the side of the air mover to the desired speed.
- 1 = 780 RPM, 2 = 1000 RPM, 3 = 1100 RPM. To turn the air mover off, turn the power knob to the off position.
- Never pull on the cord to disconnect or turn off the motor.



1.1 Electrical Power

This air mover operates on a 15 amp nominal 115V, 60 Hz, A.C. power circuit. The amp, hertz and voltage ratings are listed on the motor spec label found on each air mover. Using voltages above or below those indicated on the spec label will damage the motor. Always check your local voltage requirements.

1.2 Grounding Instruction

This air mover must be grounded while in use to protect the operator from electric shock. This machine is built with a 3-wire cord and a 3-prong grounding-type plug (Figure 1) to fit a properly grounded receptacle.

Before using this machine, make sure a properly grounded, 3-hole electrical outlet is available. If not available, as in some older facilities, use an adaptor for connecting a 3-prong plug to a 2-prong receptacle (Figure 2) to ground the outlet chassis.

IMPORTANT: This adaptor may not be used in Canada.

IMPORTANT: Never cut off the grounding prong for use in a 2-prong outlet. By doing so, you have cut off your protection from electrical shock.

Never assume that all 3-hole outlets are properly grounded. Check before use.

Never assume that an adaptor connection (as in Figure 2) is properly grounded. Check the outlet with a *ground fault interrupter device* which quickly indicates if a ground is connected.

Correct a faulty grounding before proceeding.

1.3 Extension Cords are Not Recommended

The air mover is built with a 20-foot safety power cord. Use of any extension cords is NEVER RECOMMENDED.

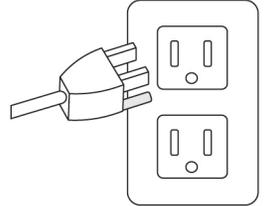


Figure 1

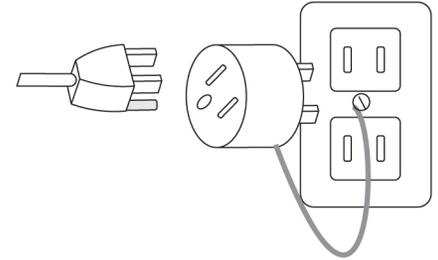


Figure 2

2.0 Machine Schematic Drawing

