

# Mercury Floor Machines, Inc. New Equipment Warranty



# Mercury High Roller Model No. 90-2000WH ½ HP, 2200 CFM Air Mover with Wheels and Handle

## 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.

## 1 Year - Chassis, Motor, Fan and 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 ½ 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 (90) days from the purchase date. After this (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 not be warranted for manufacturing defects for (90) days from the purchase date.

All warranties of motors and associated components will be voided; if the Air Mover 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 (90) days after the date of sale to an authorized Mercury Floor Machines, Inc. distributor.



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## Design and Engineering

- The ½ HP, 2200 CFM motor gives ample power for drying surfaces and moving musty air.
- 9.5" wide, steel fan blade and frame. 14" chassis opening.
- The durable, roto-molded chassis is easy to keep clean.
- Top of the line retractable handle for single-handed use and maneuverability.
- Double-ball bearing urethane wheels for effortless transportation.
- Designed to operate at three angles. Aim the air stream at the floor to move air and dry carpets, or tip back to dry curtains, walls and ceilings.
- Stack up to 3 air mover units for easier storage.
- A balanced design with molded-in carrying handle and cord wrap makes transportation easy.
- 20-foot long power cord.
- Air intake and outlet screens keep airflow free of debris and protect fingers from the powerful, steel fan blades.
- Lifetime warranty on roto-molded chassis. 1 year on electrical components.



*Powerful High Airflow  
Dries Hard Floors, Carpets,  
Walls and Ceilings!*

## Specifications

Model No.	90-2000WH
Motor	½ HP, 115 V
Fan Size	9.5" Steel Blade and Frame
Air Flow Rate	up to 2200 CFM
Chassis	Molded High-Density Polypropylene
Power Cord	20-Foot Power Cord
Dimensions	19.5" H x 19.2" L x 14.5" W
Shipping Weight	33 lbs.
Warranty	Lifetime on Body. 1 Year on Electrical Components

## 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 Air Mover must be grounded. See section 1.2 for more details.
- This Air Mover is designed for commercial use. It is constructed for indoor use and its not intended for any other use.
- Do not use in flammable or explosive areas. Never operate this Air Mover near flammable or explosive dusts, liquids or vapors.
- Do not use with damaged cord or plug.
- Do not use outdoors. Do not expose to rain. Do not use in standing water.
- Do not use Air Mover if it not operating properly. Report problems to a supervisor.
- Do not use with an extension cord.
- Wipe the chassis of the Air Mover to clean. Use vacuum to remove dusts from fan blades. Do not wash with flowing water.
- Do not use this Air Mover unless trained.

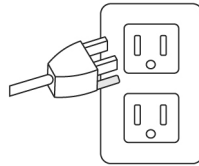


Figure 1

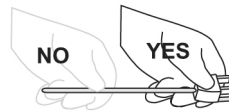
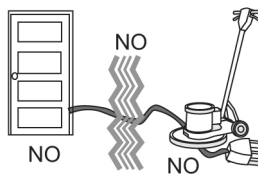
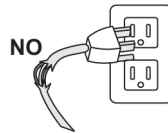


Figure 2

### Reduce the Risk of Fire, Electric Shock or Injury:

- Do not run any machines over the 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 cord.
- Do not handle plug with wet hands.
- Keep cords away from hot surfaces.
- Do not allow Air Mover intake to collect burning or smoking debris, such as cigarettes, matches or hot ashes. Do not move air with flammable or explosive chemicals.
- Keep the air intake free of debris. Do not operate with the intake covered or blocked.



## 2.0 Operating Tips

- For indoor use only.
- Adjust the Air Mover to the desired position for operation by tipping the machine onto one of the three 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.



## 3.0 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.

## 4.0 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.

### 4.1 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.*

### 4.2 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.*

## 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.

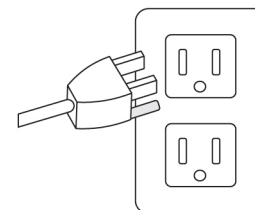


Figure 1

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 adapter 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.**

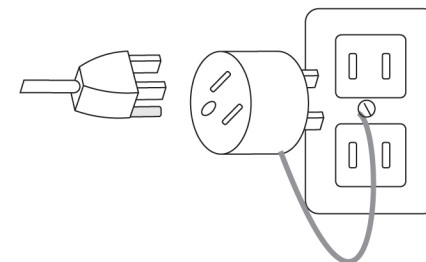


Figure 2

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 indicated 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 25 foot safety cord. Use of any extension cords is NEVER RECOMMENDED.



# Mercury High Roller

Model No. 90-2000WH

½ HP, 2200 CFM

Air Mover with Wheels and Handle

1. Screw (16)
2. On/Off Rocker Switch, Blk. (1)
3. On/Off Rocker Switch, Cap (1)
4. Strain Relief-Iq Tight (1)
5. Power Cord (1)
6. Nut, Hex (1)
7. Front Guard (1)
8. AC Motor (1)
9. Housing - Blower (1)
10. Rubber Foot (2)
11. Rivet (8)
12. Blower, Wheel, Cage (1)
13. Guard, Intake (1)
14. Motor Control Panel (1)
15. Jacknut (4)
16. Handle/Wheel Assembly, Narrow (1)

