

AERO PLUS

IMPORTANT SAFETY INSTRUCTIONS



WARNING: Failure to observe these instructions can cause personal injury to machine operator or bystanders.



WARNING: Shock or electrocution hazard.

ALWAYS unplug machine before performing any maintenance or service.



WARNING: Fire or explosion hazard.

NEVER operate this machine in an explosive atmosphere (grain dust, flammable liquids or fumes, etc.



WARNING: Shock or electrocution hazard.

NEVER connect this machine to an electrical outlet that is not properly grounded.

NEVER use this fan with any solid-state speed control device.

ALWAYS use only GFCI protected receptacles.

INTENDED USE

The Aero Plus floor dryer is intended for commercial use, drying floors, furniture, and draperies in an indoor environment. NSS does not recommend using these machines for any other purpose.

FOR SAFETY

- **ALWAYS** read and understand all instructions before operating or servicing machine.
- **ALWAYS** use this machine **ONLY** as described in this manual.
- **NEVER** attempt to operate this machine unless you have been trained in its operation.
- **NEVER** allow an untrained person to operate this machine.
- **NEVER** operate this machine in water.
- **NEVER** leave the machine plugged in to the electrical outlet when not in use.
- **NEVER** unplug the machine from an electrical outlet until after the machine is turned off.
- **NEVER** attempt to operate this machine if it is not working properly or has been damaged in any manner.
- **NEVER** disconnect or modify any switches or safety devices.
- **NEVER** operate this machine if the cord and / or plug has been damaged, broken, cut, abraded or taped.

- **ALWAYS** replace the entire cord when the cord or plug is damaged in any way.
- **NEVER** handle the machine, cord, or plug with wet hands.
- **NEVER** drop or insert any object into any machine opening.
- **NEVER** operate this machine with any air opening blocked. Keep all air openings free of dust, lint, hair, etc.
- **NEVER** pull or carry the machine by it's electrical supply cord, use the cord as a handle, close a door on the cord, pull the cord around sharp edges or corners, expose to heated surfaces, run machine over cord, or set heavy or sharp objects on the cord.
- **NEVER** unplug by pulling on the cord. To unplug the cord from the outlet, grasp the plug, not the cord.
- **NEVER** allow this machine to be used as a toy. Close attention is necessary when used by or near children.
- **NEVER** operate this machine with intake or exhaust grills removed.
- **ALWAYS** keep face, fingers, hair or any other body part or loose clothing away from any machine opening or moving part.
- **NEVER** spray this machine with water or any liquids.
- **NEVER** operate the machine outdoors.
- **NEVER** expose the machine to rain, snow, or extreme temperatures.
- **ALWAYS** store this machine indoors in a dry, cool area.

ALL REPAIR SERVICE MUST BE PERFORMED BY AN NSS AUTHORIZED DISTRIBUTOR / SERVICE STATION USING ONLY NSS ORIGINAL EQUIPMENT PARTS.

READ AND SAVE THESE INSTRUCTIONS



IMPORTANT SAFETY INSTRUCTIONS

GROUNDING OF ELECTRICAL EQUIPMENT



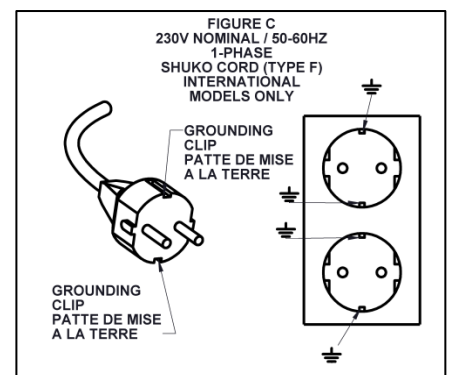
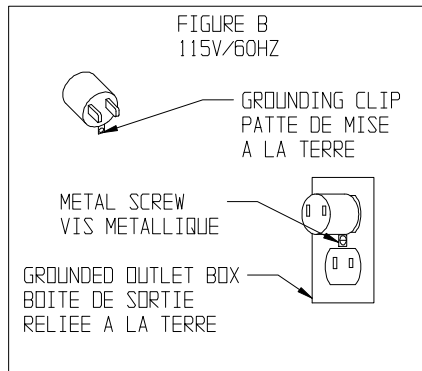
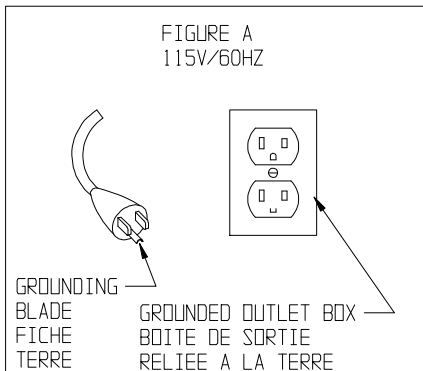
WARNING: Improper connection of the equipment–grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the machine. If outlet is not suitable for safe use; have a proper outlet installed by a qualified electrician.

GROUNDING INSTRUCTIONS

This machine shall be grounded while in use to protect the operator from electric shock. The machine is provided with a three-conductor cord and a three-contact grounding type attachment plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. The green conductor in the cord is the ground wire. Never connect this wire to other than the grounding pin of the attachment plug.

Check nameplate on the machine to be sure **voltage** and **cycle** stated is the same as the electrical outlet. Do not attempt to plug a 120-volt machine into a 240-volt outlet or a 240-volt machine into a 120-volt outlet. If the machine is provided with an attachment plug as shown in Figure A. below, it is intended for use on a nominal 120-volt circuit. If a properly grounded receptacle as shown in Figure A. is not available, an adapter may be installed as shown in Figure B. if the outlet box that houses the receptacle is grounded. Be sure to fasten the grounding tab (the green colored rigid ear, lug or the like extending from the adapter) with a metal faceplate screw.

If the machine is provided with an attachment plug as shown in Figure C., it is intended for use on a nominal 240-volt circuit. Changes to the attachment plug or use of adaptors to other plug types must be done in accordance with local regulations.



NOTE: In Canada, the use of a temporary adaptor may not be permitted by Canadian electrical code.

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SAVE THESE INSTRUCTIONS



NOISE

Sound pressure level at 8 feet. 65 dB(A)

GENERAL INFORMATION

- Now that the machine is unpacked remember to recycle all packing materials.
- Inspect the machine for damage or missing components. If damage is found, contact the local freight company to file a freight claim.

MACHINE OPERATION

Cord

- Unwrap cord from built in cord wrap.
- Plug into a properly grounded outlet.

Positions

This machine may be operated in four (4) different positions.

- Flat for drying floor and carpet.
- With front kickstand down for indirect floor drying.
- 45° for drying walls, furniture, floor waxes and sealers.
- 90° for drying ceilings.

Large Areas

- The aero can be stacked up to three (3) units high for higher volume or increased airflow for larger areas.

Fan Speeds

This machine has three (3) ranges of speed.

- **LOW:** To Dry waxes and sealers on bare floors. Use the 45° position.
- **MEDIUM:** To dry medium size areas - avoids moving papers on desks.
- **HIGH:** To dry large open areas.

Speed Drying Of "Wall To Wall" Carpet

- All furniture should be removed from the room.
- Peel one of the corners of the carpet back. A scratch awl or any pointed instrument will make this easier.
- Position the fan so that the exhaust snout is under the carpeting pointing toward the center of the room.
- Be sure the intake screens are not blocked.

- Plug into a grounded outlet and turn switch to desired speed. Fan forces air under and through the carpet to speed drying time.
- Carpet will billow in the center of the room.
- Remove fan when dry and stretch carpet back into place.

MAINTENANCE

Routine maintenance is critical to ensure proper machine operation and cleaning performance. Perform all maintenance procedures as follows:

WARNING: Always unplug machine before performing any maintenance. See front page for warnings.

Daily Maintenance

- Inspect the cord and plug for any damage. To prevent damage to the AC power cord, ALWAYS store the machine with the AC power cord coiled loosely over the machine.

Yearly Maintenance

- Contact NSS authorized repair service center to perform service.
- Inspect cord and plug for any damage.
- Inspect switch for proper operation.
- Inspect unit for rubbing of fan.
- Lubricate motor with light oil.

OPTIONAL EQUIPMENT

An optional Wheel/Handle kit part number 4793011 is available to transport the machine. Only use genuine NSS accessories with this machine.

TROUBLESHOOTING

<u>SYMPTOM</u>	<u>CAUSE</u>	<u>SOLUTION</u>
Reduced Air Flow.	Restriction.	Check Inlets And Exhaust For Obstructions. Remove Any That Are Found.
Excessive Vibration.	Impeller Out Of Balance.	Replace Impeller.
Rubbing Sound.	Impeller Bent And Hitting Housing.	Replace Impeller.
Will Not Turn On.	Bad Switch.	Replace.
Slow Starting Or Will Not Start.	Low Voltage.	Eliminate Extension Cords, Or Other Appliances Being Used On Same Circuit.
Motor Stops From Over Heating. *	Restriction.	Remove Any Restrictions.

* NOTE: This motor is thermally protected and will turn OFF if overheated – it will restart automatically when cool.

NOTE: Unplug machine before servicing – Caution – moving fan.

Repair service for this machine must be performed by an NSS authorized service center. Repairs performed by an unauthorized company will void the machine warranty. If you require assistance finding an authorized service center, contact NSS Enterprises.



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