# IMPORTANT SAFETY INFORMATION

## **TABLE OF CONTENTS**

IMPORTANT SAFETY INFORMATION	2-3
CONTROLS AND FUNCTIONS	4-5
SETUP	6-7
SPRAYER CONTROLS	8
SPRAYING	9
CLEANUP	10
MAINTENANCE	11
TROUBLESHOOTING	12
PARTS LIST	37-38
WARRANTY	39

# **EXPLANATION OF SYMBOLS**

Read all safety information before operating the equipment. Save these instructions.

To reduce the risks of fire or explosion, electrical shock and the injury to persons, read and understand all instructions included in this manual. Be familiar with the controls and proper usage of the equipment.

A	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
IMPORTANT:	This symbol indicates a potential hazard to you or to the equipment. Important information that tells how to prevent damage to the equipment or how to avoid causes of minor injuries will follow.
S	Danger of electric shock
Ja Chy	Danger of fire from solvent and paint fumes
My	Danger of explosion from solvent, paint fumes and incompatible materials
i	Notes give important information which should be given special attention.

# **GROUNDING INSTRUCTIONS**

This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.



**WARNING** - Improper installation of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the green grounding wire to either flat blade terminal. The wire with insulation having a green outer surface with or without yellow stripes is the grounding wire and must be connected to the grounding pin.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided. If the plug will not fit the outlet, have the proper outlet installed by a qualified electrician.

This product is for use on a nominal 120 volt circuit and has a grounding plug that looks like the plug illustrated below. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.



## IMPORTANT ELECTRICAL INFORMATION

Use only a 3-wire extension cord that has a 3-blade grounding plug and a 3-slot receptacle that will accept the plug on the product. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. A 14 gauge or 12 gauge cord is recommended. If an extension cord is to be used outdoors, it must be marked with the suffix W-A after the cord type designation. For example, a designation of SJTW-A would indicate that the cord would be appropriate for outdoor use.

IMPORTANT:	Household use only. Intended for indoor/outdoor use ONLY with materials having	
	flashpoint above 100°F (38°C).	

# IMPORTANT SAFETY INFORMATION

# **SAFETY HAZARDS**



## **HAZARD: EXPLOSION OR FIRE**

Flammable vapors, such as solvent and paint vapors, in work area can ignite or explode.

#### **PREVENTION:**

- Do not spray flammable or combustible materials near an open flame, pilot lights or sources of ignition such as hot objects, cigarettes, motors, electrical equipment and electrical appliances. Avoid creating sparks from connecting and disconnecting power cords.
- For use with only water-based or mineral spirit-type materials with a minimum flash point of 100°F (38°C) Do not spray or clean with liquids having a flash point of less than 100°F (38°C). Flash point is the temperature at which a fluid can produce enough vapor to ignite.
- Verify that all containers and collection systems are grounded to prevent static discharge.
- Connect to a grounded outlet and use grounded extension cords (electric models only). Do not use a 3 to 2 adapter.
- Keep spray area well ventilated. Keep a good supply of fresh air moving through the area to keep the air within the spray area free from accumulation of flammable vapors.
- Do not smoke in the spray area.
- Do not operate light switches, engines, or similar spark producing products in the spray area.
- Keep area clean and free of paint or solvent containers, rags, and other flammable materials.
- Know the contents of the paint and solvents being sprayed.
  Read all material Safety Data Sheets (SDS) and container labels provided with the paints and solvents. Follow the paint and solvent manufacture's safety instructions.
- Fire extinguisher equipment shall be present and working.



## **HAZARD: ELECTRIC SHOCK**

This product can cause injury due to electric shock.

#### **PREVENTION:**

- Power cord must be connected to a grounded circuit.
- Never submerge electrical parts.
- Never expose the equipment to rain. Store indoors.
- Keep electrical cord plug and spray gun trigger free from paint and other liquids. Never hold the cord at plug connections to support the cord. Failure to observe may result in an electrical shock.



## **HAZARD: GENERAL**

This product can cause severe injury or property damage.

#### **PREVENTION:**

- Always wear appropriate gloves, eye protection, clothing and a respirator or mask when painting. Hazardous vapors Paints, solvents, insecticides, and other materials can be harmful if inhaled or come in contact with body. Vapors can cause severe nausea, fainting or poisoning.
- Do not operate or spray near children. Keep children away from equipment at all times.
- Do not overreach or stand on an unstable support. Keep effective footing and balance at all times.
- Stay alert and watch what you are doing.
- Do not operate the unit when fatigued or under the influence of drugs or alcohol.
- Never aim spray gun at any part of the body.
- Follow all appropriate local, state, and national codes governing ventilation, fire prevention, and operation.
- The United States Government Safety Standards have been adopted under the Occupational Safety and Health Act (OSHA). These standards, particularly part 1910 of the General Standards and part 1926 of the Construction Standards should be consulted.
- Use only manufacturer authorized parts. User assumes all risks and liabilities when using parts that do not meet the minimum specifications and safety devices of the turbine manufacturer.
- Power cord must be connected to a grounded circuit.
- Do not spray outdoors on windy days.

# **CONTROLS AND FUNCTIONS**

