



Aba Daba Rents
4351 Auburn Blvd.
Sacramento, CA 95841-4152
(916) 484-7368 Fax (916) 482-2552
www.abadaba.com

AIRLESS SPRAYER SAFETY & OPERATING INSTRUCTIONS

I AGREE TO RETURN ITEM CLEAN OR PAY \$60.00 PER HOUR CLEANING FEE []

WARNING! Any injury caused by high pressure liquid can be serious. If you are injured or even suspect an injury:

- Go to an emergency room now. - Tell the doctor you suspect an injection injury. - Tell him what kind of material you were spraying.

SETUP Perform the following procedure before plugging in the power cord of an electric unit.

1. Ensure that the suction set and the return hose are attached and secure.
2. Using a wrench, attach a minimum of 50' of 1/4" nylon airless spray hose to the unit Tighten securely.
3. Attach an airless spray gun to the spray hose. Using two wrenches (one on the gun and one on the hose), tighten securely. **NOTE: Do not attach the tip to the spray gun yet. WARNING: Make sure all airless hoses and spray guns are electrically grounded and rated for at least 3200 psi.**
4. Make sure the pressure control knob and the ON/OFF switch are in the OFF position.
5. Fill the oil cup with one tablespoon of piston seal lubricant. **CAUTION: Never operate unit for more than 10 seconds without fluid.**
6. Make sure the electrical service is 120V, 15 amp minimum.
7. Plug the power cord into a property grounded outlet at least 25' from the spray area. **CAUTION: Always use a minimum 12 gauge, three-wire extension cord with a grounded plug. Never remove the third prong or use an adapter.**

PREPARING TO PAINT Before painting, it is important to make sure that the fluid in the system is compatible with the paint that is going to be used. **CAUTION: Always keep the trigger lock on the spray gun in the locked position while preparing the system.**

1. Place the suction tube into a container of the appropriate solvent. Examples of the appropriate solvent are water for latex paint or mineral spirits for oil-based paints.
2. Place the return hose into a metal waste container.
3. Set the pressure to minimum by turning the pressure control knob to the "Min" setting in the yellow zone.
4. Move the valve down to the **PRIME** position.
5. Turn the unit on by moving the **ON/OFF** switch to the **ON** position.
6. Allow the sprayer to run for 15-30 seconds to flush the old solvent out through the return hose and into the metal waste container.
7. Turn the unit off by moving the **ON/OFF** switch to the **OFF** position. **NOTE: Make sure that the spray gun does not have a tip or tip guard installed.**
8. Move the **PRIME/SPRAY** valve up to the **SPRAY** position and turn the unit on.
9. Unlock the gun by turning the gun trigger lock to the unlocked position. **WARNING! Ground the gun by holding it against the edge of the metal container while flushing. Failure to do so may lead to a static electric discharge, which may cause a fire.**
10. Trigger the gun into the metal waste container until the old solvent is gone and fresh solvent is coming out of the gun.
11. Lock the gun by turning the gun trigger lock to the locked position.
12. Set down the gun and increase the pressure by turning the pressure control knob slowly clockwise into the green zone.
13. Check the entire system for leaks. If leak occurs, follow the "Pressure Relief Procedure" in these instructions before tightening any fittings or hoses.
14. Follow the "Pressure Relief Procedure" in before changing from solvent to paint. **WARNING! Be sure to follow the pressure relief procedure when shutting the unit down for any purpose, including servicing or adjusting any part of the spray system, changing or cleaning spray tips, or preparing for cleanup.**

PAINTING

1. Place the suction tube into a container of paint.
2. Place the return hose into a metal waste container.
3. Set the pressure to minimum by turning the pressure control knob to the "Min" setting in the yellow zone.
4. Move the **PRIME/SPRAY** valve down to the **PRIME** position.

5. Turn the unit on by moving the **ON/OFF** switch to the **ON** position.
6. Allow the sprayer to run until paint is coming through the return hose into the metal waste container.
7. Turn the unit off by moving the **ON/OFF** switch to the **OFF** position.
8. Remove the return hose from the waste container and place it in its operating position above the container of paint.
9. Move the **PRIME/SPRAY** valve up to the **SPRAY** position.
10. Turn the unit on.
11. Unlock the gun by turning the gun trigger lock to the unlocked position. **WARNING! Ground the gun by holding it against the edge of the metal container while flushing. Failure to do so may lead to a static electric discharge, which may cause a fire.**
12. Trigger the gun into the metal waste container until all air and solvent is flushed from the spray hose and paint is flowing freely from the gun.
13. Lock the gun by turning the gun trigger lock to the locked position.
14. Turn the unit off.
15. Attach tip guard and tip to the gun as instructed by the tip guard or tip manuals. **WARNING! POSSIBLE INJECTION HAZARD. Do not spray without the tip guard in place. Never trigger the gun unless the tip is in either the spray or the unclog position. Always engage the gun trigger lock before removing, replacing or cleaning tip.**
16. Turn the unit on.
17. Increase the pressure by turning the pressure control knob slowly clockwise toward the green zone and test the spray pattern on a piece of cardboard. Adjust the pressure control knob until the spray from the gun is completely atomized. Try to keep the pressure control knob at the lowest setting that maintains good atomization. **NOTE: Turning the pressure up higher than needed to atomize the paint will cause premature tip wear and additional overspray.**

PRESSURE RELIEF PROCEDURE WARNING! Be sure to follow the pressure relief procedure when shutting the unit down for any purpose, including servicing or adjusting any part of the spray system, changing or cleaning spray tips, or preparing for cleanup.

1. Lock the gun by turning the gun trigger lock to the locked position.
2. Turn the unit off by moving the **ON/OFF** switch to the **OFF** position.
3. Turn the pressure control knob counterclockwise to its **OFF** position Trigger lock in the black zone.
4. Unlock the gun by turning the gun trigger lock to the unlocked position.
5. Hold the metal part of the gun firmly to the side of a metal container to ground the gun and avoid a build up of static electricity.
6. Trigger the gun to remove any pressure that may still be in the hose.
7. Lock the gun by turning the gun trigger lock to the locked position.
8. Move the **PRIME/SPARY** valve down to the **PRIME** position.

CLEANUP CAUTION! The sprayer, hose, and gun should be cleaned thoroughly after daily use. Failure to do so permits material to build up, seriously affecting the performance of the unit.

WARNING! Always spray at minimum pressure with the gun nozzle tip removed when using mineral spirits or any other solvent to clean the sprayer, hose, or gun. Static electricity buildup may result in a fire or explosion in the presence of flammable vapors.

1. Follow the "Pressure Relief Procedure".
2. Remove the gun tip and tip guard and clean with a brush using the appropriate solvent.
3. Place the suction tube into a container of the appropriate solvent. Appropriate solvents are water for latex paint or mineral spirits for oil-based paints.
4. Place the return hose into a metal waste container.
5. Move the **PRIME/SPRAY** valve down to its **PRIME** position.
6. Set the pressure to Turbo PulseClean by fuming the pressure control knob to its **CLEAN** position in the red zone.
7. Turn the unit on by moving the **ON/OFF** switch to the **ON** position.
8. Allow the solvent to circulate through the unit and flush the paint out of the return hose into the metal waste container.
9. Turn the unit off by moving the **ON/OFF** switch to the **OFF** position.
10. Move the **PRIME/SPRAY** valve up to its **SPRAY** position.
11. Turn the unit on. **WARNING! Ground the gun by holding it against the edge of the metal container while flushing. Failure to do so may lead to a static electric discharge, which may cause a fire.**
12. Trigger the gun into the metal waste container until the paint is flushed out of the hose and solvent is coming out of the gun.
13. Continue to trigger the spray gun into the waste container until the solvent coming out of the gun is clean. **NOTE: For short-term storage when using latex paint, pump water mixed with Tital Liquid Shield through the entire system.**
14. Follow the "Pressure Relief Procedure".
15. Unplug the unit and store in a dean, dry area.