



**Not intended to be a complete Operator Manual. Available upon request.**

## **Electric Airless Paint Sprayer**

### **Start-Up Procedure**

**WARNING: High pressure device. Thoroughly read and understand the warning section located in the owner's manual and the label on the sprayer.**

**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 UNCLOG position. Always engage the gun trigger lock before removing, replacing or cleaning the tip. Be sure to follow the pressure relief procedure when shutting down the unit for any purpose, including servicing or adjusting any part of the spray system, changing or cleaning spray tips or preparing for clean-up.**

**Step 1:** Before you plug in the power cord to the electrical outlet, do the following:

- A.** Tighten siphon and return hoses, then install a minimum of 50' of nylon airless spray hose and airless gun. Do not install tip yet, remove if installed.
- B.** Preset pressure control by turning the pressure control knob counter-clockwise to the lowest setting.
- C.** Place ON-OFF switch in the OFF position.
- D.** Pour 1/2 teaspoon of Piston Lube into oil cup.

**Step 2:** Check electrical service, be sure it is 120v 15 amp (minimum) and that the outlet is properly grounded.

**Step 3:** Plug electrical cord into a grounded outlet that is at least 25' from the spray area. Place sprayer in a well-ventilated area, away from overspray and other airborne debris. Preferably, use more paint hose rather than extension cord to reach your work area. If extension cords are required, be sure three wire, 12-gauge (minimum) cords with grounded plugs are used. Never remove the third prong or use an adapter.

**Step 4:** Prepare the paint according to manufacturer's recommendations. Remove any skin that may have formed and stir. Strain the paint through a fine nylon mesh bag to remove particles that could clog the spray tip and/or sprayer.

**Step 5:** Place siphon and return tubes into paint container. Turn Prime/Spray valve (located on side of sprayer) down for priming.

**Step 6:** Turn sprayer on and increase pressure slightly by turning pressure control knob clockwise. Let circulate on prime until no bubbles filter up through the paint.

**Step 7:** Hold gun firmly against a metal container, disengage trigger lock and trigger gun against the side of the container. Then, while gun is triggered, turn the Prime/Spray valve to the SPRAY position. Keep the gun triggered until all the air is forced out of the system and the paint flows freely. Release the trigger and engage gun safety lock. Set gun down while sprayer pressurizes.

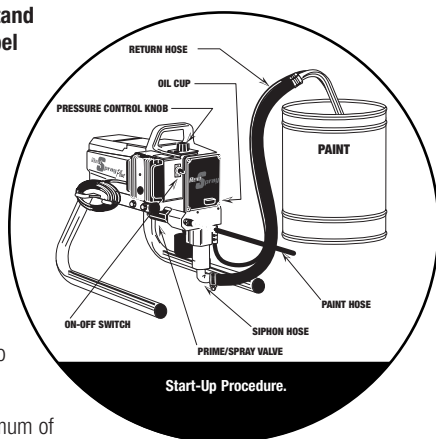
**Step 9:** Check for leaks. If any leaks occur, follow the proper pressure relief procedure before tightening.

**Step 10:** Turn off sprayer and relieve pressure by turning Prime/Spray valve knob down to prime.

**Step 11:** With gun trigger lock engaged, install the tip and guard as instructed in separate tip or gun manual.

**Step 12:** Turn the sprayer on and rotate the Prime/Spray valve to the SPRAY position.

**Step 13:** Test on cardboard to check spray pattern. Adjust pressure just until the spray from gun is completely atomized.



# Titan Paint Sprayer

## Cleaning Procedure

**WARNING: High pressure device. Follow all safety warnings located on sprayer and in the owner's manual. Always clean using low pressure, with the spray tip removed. Never clean exterior of sprayer with solvent while sprayer is plugged in and/or running.**

**Ground the gun by holding it against the edge of the metal container while flushing. Failure to do so may lead to static electric discharge, which may cause fire.**

**Step 1:** Engage trigger safety lock on gun.

**Step 2:** Turn off sprayer and release fluid pressure by turning the Prime/Spray valve located on the side of the sprayer down.

**Step 3:** Remove tip and let soak clean in a small container of solvent or water. Adjust pressure control knob to CLEAN setting.

**Step 4:** Hold suction hose above paint container and turn the sprayer on allowing the sprayer to pump itself dry through the return hose.

**Step 5:** Have available a container of hot soapy water if spraying latex (or suitable solvent for oil base paints). Do not clean with mineral spirits if using latex paint. This will gel the product. Set the pressure control knob to CLEAN.

**Step 6:** Place siphon tube into container with hot soapy water or solvent. Let circulate for 2-3 minutes, then turn sprayer off.

**Step 7:** To save paint still in spray hose, trigger gun into the side of the paint container, then turn Prime/Spray valve up to the SPRAY position. Be careful of splashing. When cleaning solution appears, shut off gun and place gun in cleaning container.

**Step 8:** Trigger gun and let cleaning solution circulate for approximately 2-3 minutes, then turn sprayer off.

**Step 9:** Turn Prime/Spray valve down and remove suction tube from cleaning container. Turn sprayer on and allow sprayer to pump itself dry.

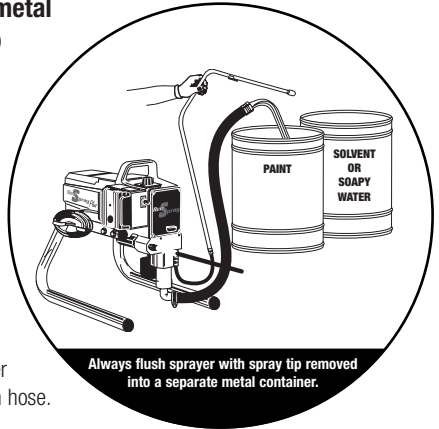
**Step 10:** Take a clean container of water or solvent and, using low pressure, spray through system until clear. If cleaning with water, put 4 ozs. of LS-10 Liquid Shield Plus™ into the water and let circulate until blue/green water comes out of the gun. This will protect against corrosion.

**Step 11:** Take suction tube out of container and clean the inlet screen.

**Step 12:** Check filter on sprayer and/or gun. Clean or replace screen.

**Step 13:** Remove spray tip from solvent, clean with a soft bristle brush, blow dry and store in a dry place.

**Note:** For long-term storage, use mineral spirits.



### Airless Tip Recommendation Chart

Coatings	Viscosity	Gun Filter Mesh - Color	Tip Used
Varnish, Lacquer, Sealers & Stains	Light	100 Mesh - Red	513
Interior & Exterior Oil House Paint	Oil	60 Mesh - White	515
Interior Latex House Paint, Exterior Latex House Paint & Wall Primers	Latex	60 Mesh - White	517
Dry Fall, Elastomerics & Waterproofers	Heavy	None	521

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# Airless Paint Sprayer Safety Procedures

## **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

## **MEDICAL ALERT AIRLESS SPRAY WOUNDS NOTE TO PHYSICIAN**

Injection in the skin is a serious traumatic injury.

### **IT IS IMPORTANT TO TREAT THE INJURY SURGICALLY AS SOON AS POSSIBLE.**

Do not delay treatment to research toxicity. Toxicity is a concern with some exotic coatings injected directly into the bloodstream.

Consultation with a plastic surgeon or a reconstructive hand surgeon may be advisable. The seriousness of the wound depends on where the injury is on the body, whether the substance hit something on its way in and deflected causing more damage, and many other variables including skin microflora residing in the paint or gun which are blasted into the wound. If the injected paint contains acrylic latex and titanium dioxide that damage the tissue's resistance to infection, bacterial growth will flourish. The treatment that doctors recommend for an injection injury to the hand includes immediate decompression of the closed vascular compartments of the hand to release the underlying tissue distended by the injected paint, judicious wound debridement, and immediate antibiotic treatment.