

LP Series Electric Paint Sprayer Quick Reference Guide



OPERATION

Prime Pressure Relief Valve (Prime-PR Valve)

Used to relieve pressure from gun, hose & tip and to prime the unit when in OPEN position. (It is in open position when there is a wider gap between handle and body).



Pressure Control Knob
Used to adjust pressure only. **DOES NOT** relieve pressure from gun and system!
Turn clockwise to increase pressure, counterclockwise to decrease pressure.



When in the CLOSED position, there is only a very slight gap between handle & body. When the relief valve is closed the system is pressurized. **Handle as a loaded firearm!**



ON/OFF Toggle Switch
Turns the unit ON and OFF.



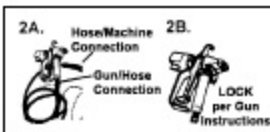
STEP 1

- 1A. Read safety rules! Read & understand all warnings & safety rules before operating equipment. Know how to lock the gun trigger safety lock before operating the equipment.
- 1B. Stir paint and if necessary strain paint using a paint strainer bag to remove lumps.



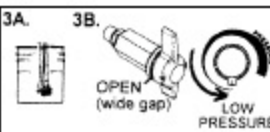
STEP 2

- 2A. Check gun/hose connections to make sure they are tight.
- 2B. Lock gun trigger safety lock (Airlessco gun shown)
Note: Plug into 3 pronged grounded electrical outlet. Extension cord must be 3 wire, 12 gauge. Do not coil cord.



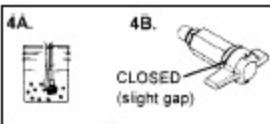
STEP 3

- 3A. Put pump suction tube into bucket of paint.
- 3B. Turn the Prime-Pressure Relief Valve to **open position** (wide gap between handle & body).
Turn toggle switch ON, and adjust to low pressure on the pressure control knob. The unit will now self-prime.



STEP 4

- 4A. Wait about one minute until fluid comes out of the return tube (smaller diameter tube).
- 4B. Turn the Prime-Pressure Relief Valve to **closed position** (slight gap between handle and body)
CAUTION: THE UNIT IS NOW PRESSURIZED!



STEP 5

- Note: Leave the Prime-Pressure Relief Valve fully closed and very carefully unlock the guns trigger safety lock.
- 5A. Aim the gun 12" from test surface (card-board) and spray out the storage solution. Turn the pressure control knob clockwise to increase pressure. Increase the pressure enough to atomize the paint & give a full pattern. Use the lowest pressure possible.
 - 5B. Always keep the gun perpendicular to the surface. Move the gun at a steady rate. It is important to "trigger" the gun after gun movement has begun and release trigger before gun movement ends.
 - 5C. Overlap half the width of each paint stroke.



STEP 6

- 6A. Release pressure when you stop spraying & before servicing gun or machine or before changing or cleaning gun tip by:
 1. Lock the gun trigger safety.
 2. Turn toggle switch to OFF position and unplug from electrical outlet.
 3. Release gun safety lock and trigger gun to relieve residual pressure.
 4. Turn Prime/PR Valve to open position.
 5. Relock gun safety latch.
- 6B. Submerge gun in water (if using latex) or thinner (oil-base) to prevent paint from drying in the gun nozzle.



CLEANING

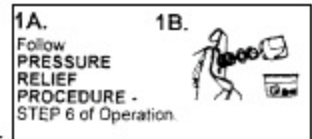
- Always use low pressure in the cleaning process.
- Always remove spray tip before cleaning—**AFTER following the Pressure Relief Procedure!**
- Use a metal bucket for cleaning and maintain firm metal to metal contact of gun to the bucket.

TOOLS & EQUIPMENT NEEDED:

1. Soft bristle brush, clean-up rags.
2. 8" crescent wrench for removing gun tip & filter in gun handle.
3. Prepared 5 gal. bucket of soapy water if using latex, or mineral spirits if using oil-based. (Second bucket will usually be required).
4. Empty bucket for wastes.
5. Storage solution of Pump Conditioner mixed with 1 gal. of water if using latex OR compatible paint thinner if using oil-based paint.

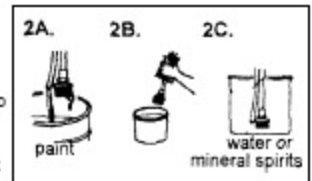
STEP 1

- 1A. **IMPORTANT:** Relieve pressure by following the Pressure Relief Procedure, Step 6 of Operation, and be sure gun safety lock (latch) is in locked position.
- 1B. Remove tip and tip guard from spray gun and place in mineral spirits or water.



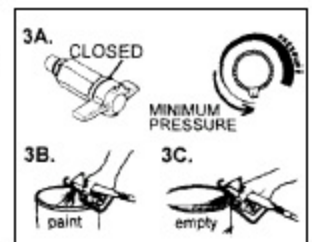
STEP 2

- Note: Turn unit ON. Turn pressure control knob to low pressure.
- 2A. Lift suction tube and return tube out of paint and hold over paint bucket. Any paint remaining in the unit will return into the bucket out through the return tube.
 - 2B. Wipe excess paint from suction tube.
 - 2C. Place suction tube into prepared bucket of water or mineral spirits.



STEP 3

- Note: Release the gun trigger lock very carefully.
- 3A. Turn the Prime/PR Valve to the closed position. Adjust the pressure control knob for minimum pressure. **IMPORTANT: Never use high pressure for cleaning!**
 - 3B. Trigger gun into paint bucket to allow paint to run out of hose and gun.
 - 3C. Place gun over empty metal bucket and trigger gun using **VERY LOW PRESSURE** & maintaining firm metal to metal contact for 3-4 minutes until it runs clean. (Second bucket may be required).



STEP 4

- 4A. **IMPORTANT:** Follow Pressure Relief Procedure Step 6A of Operation!
- 4B. Remove filters from suction tube and gun handle. Clean with water or mineral spirits and soft brush and reassemble suction and gun filter only. **DO NOT** reassemble gun tip and tip guard at this point.



STEP 5

- 5A. Mix bottle of Pump Conditioner with 1 gal. of water or prepared mineral spirits and put suction tube into pail. Prime unit (Prime/PR Valve Open Position & Pressure Control Knob in low position) Trigger gun to fill the hose & gun. LEAVE this mixture in the pump & hose for storage. **DO NOT DISCHARGE.** Turn motor off while the suction tube remains in the bucket.
- 5B. Disconnect from power.
- 5C. Roll up hose and tape. Now reassemble gun with spray tip and tip guard. After you have disconnected sprayer from electrical power, turn Prime/PR Valve to the closed position for storage.

