

# Operating your airless sprayer

## List of items referred to here:

- a. Port for Piston Lube
- b. Pressure relief valve
- c. Pressure regulator



A



B



C

## **3 Golden Rules to be followed when using your Airless unit:**

- 4 to 5 drops of Piston Lube should be dropped into the Port for Piston Lube (a) before EVERY use,
- The machine must NEVER be allowed to pump without fluid,
- Always try and spray at the lowest possible pressure.

## **OPERATION:**

1. Switch on machine
2. Put suction pipe into the fluid (use solvent first ei. Water or Thinners and then repeat with your product)
3. Turn the pressure regulating knob clockwise enough to start the machine pumping (always make certain that gun is closed & return hose is in fluid)
4. Let the pump circulate the fluid until all the air is out the pump
5. Point the gun into the fluid and let the pump push all the air out the hose
6. Close the gun trigger, engage safety and close the pressure relief valve (Black Knob)
7. Turn your pressure regulating knob up until the required pressure is reached.

Only spray at the minimum pressure required, too much pressure is no good!

## **WHILE WORKING: VERY IMPORTANT!!!!**

- i) *Make sure that the machine does not run out of paint; if it does you have to repeat the procedure to get all the air out of the pump.*
- ii) *Never let the machine stroke up and down without fluid in it*

*iii) If the pump is stroking too fast something is wrong*

*iv) If the tip blocks reverse the direction and spray the blockage out*

### **CLEANING:**

1. Switch off Pump and turn the pressure regulating knob anti-clockwise
2. Move the suction hose and return pipe into the cleaning fluid (ei. Water or thinners)
3. Remove the spray nozzle in the gun
4. Leave the pressure relief valve open (Black Knob) and circulate the cleaning fluid into the machine. Do this until all the air is primed out of the machine.
5. Close the relief valve and pull the gun trigger while holding gun into the paint, then pump all the paint back into its tin.
6. When you see solvent arriving, move the gun across to the cleaning fluid, and continue to let the system circulate for at least a few minutes to clean it properly. (It may take a few buckets of water)
7. Switch machine off. Remove Suction filter & High pressure filter and clean it. Clean tip nut and tip properly. NB DO NOT LOSE THE TIP GASKET
8. Put all the parts back into the machine and pack it away!