

## HVLP SPRAYER

## -----SAFETY PRECAUTIONS-----

- \* Keep turbine at least 20 feet away from explosive vapors to avoid risk of fire or explosion.
- \* NEVER spray flammable materials near any source of open flame or spark.
- \* ALWAYS spray in properly ventilated area.
- \* NEVER point the spray gun at anyone.
- \* ALWAYS wear a spray mask and protective eyewear when spraying toxic substances.

## -----PAINTING TIPS-----

- \* Ensure the viscosity of the material being sprayed is correct, based on the coating thickness and finish required.
- \* Always follow the coating manufacturers' instructions regarding thinning solvents and dilution ratios when preparing the coating to be sprayed.
- \* For applications where thicker coats are required and finish quality is critical, consider applying two thinner coats - the reduction in paint consumption and the drying time when using this system limits the time between coats and often justifies the additional step.
- \* For optimum results, always test spraying distance, pattern size, coating thickness, and finish on a sample of the surface to be coated.
- \* Hold the gun perpendicular to the surface being sprayed, maintain a consistent distance from the surface (approximately 6"-8"), and spray with a smooth continuous stroke. Overlap strokes slightly to ensure proper coverage.
- \* The pressure feed tube that pressurizes the paint cup is internal. Do NOT turn gun upside-down when there is paint in the cup as the paint may block air holes and prevent pressurization.

## -----OPERATING INSTRUCTIONS-----

- 1) With power switch OFF, place turbine safely away from spray area as possible and plug in to a standard outlet.
- 2) Uncoil hose and screw hand-tight to to the turbine air outlet.
- 3) On the quick disconnect fitting, pull the ring back on the coupler to connect it to the male piece on the gun. Check for snugness and correct fit.
- 4) Follow the coating manufacturers' recommendations for dilution and prepare the proper amount of coating to be sprayed.
- 5) Detach paint cup from the gun, pour the coating into cup and securely reattach.
- 6) Select the desired spray pattern by rotating the air cap at the front of the gun.
- 7) Adjust the size of the pattern by turning the material flow adjustment screw.
- 8) Turn the power switch to the ON position.
- 9) While squeezing the trigger to release the coating from the paint cup, slowly turn the material flow adjustment screw counter clockwise to fine tune the desired coating thickness and finish.
- 10) Maintain consistent distance from the surface using a smooth continuous stroke.
- 11) Direction of spray stroke should be based on spray pattern. (Horizontal pattern: up and down stroke. Vertical pattern: left to right stroke. Round pattern: either stroke is acceptable.)
- 12) Adjust the variable speed control on the turbine to reduce overspray and increase transfer efficiency without losing minimum air required to atomize coating.
- 13) When you are satisfied with the desired settings, move from the test piece to the finish surface and begin spraying.

## -----BASIC CLEAN UP-----

- 1) Turn off the turbine and unplug. Disconnect gun from the hose.
- 2) Remove the paint cup from the gun. While removing cup, squeeze the trigger on the gun to release all the coating from the siphon tube back into the cup.
- 3) Empty excess material from the paint cup and clean the cup with the

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appropriate solvent.

4) Pour some cleaning solvent in the clean paint cup and and reassemble unit. Spray gun into bucket until solvent spray is clear.

5) Shake the gun while spraying the solvent to clean the underside of the paint cup top.

6) Disassemble again and unplug. Clean the outside surfaces with a rag and cleaning solvent.

\$50.00 cleaning fee if unit is brought back dirty!!!