

Safety

Please ensure this system is only used for its intended purpose—spraying paint! Never use this system near water (including rain), explosives, chemicals or other electrical devices. Always spray in a well ventilated area and NEVER spray directly at any person. Please refer to our manual for full safety regulations.

System Description

An "Airless" system uses a pump to push the paint under high pressure thru to the spray gun tip rather than air. This is a large Painting system normally used for broad areas.

Operation

- Paints should not require thinning.

Some extremely heavy viscosity paints may need thinning.

- Select the correct Spray Tip.

A misconception about airless paint spraying is the higher the pressure, the quicker you spray. This is not the case, the high pressure results in more overspray. If someone wishes to spray faster, a larger size Spray Tip is required.

- Once the pump is primed and ready for spraying, slowly increase the pressure until the fan pattern is even (*ie no tracking or heavy lines*) .
- Spray approximately 30cm from the surface to be painted.
- Start moving the gun before pulling the trigger and release the trigger just before the surface end.
- Continually move with the gun rather than stretching and spraying at angles.
- An overlap of 25% is recommended for even coverage.

Applications

Recommended for broad areas such as roofs, fences, sheds, ceilings and walls.

Continued

A guide to Airless Spray Tips

All tips have three digits in size, for example 517.

The **first** digit is the fan size or the width of the spray, this digit is always doubled and measured in inches. For example, a 517 tip will spray at 10 inches, a 417 tip will spray at 8 inches and a 317 tip will spray at 6 inches.

The **second** two digits indicate the size of the orifice and is measured in thousandths of an inch. For example a 517 tip will spray 10 inches wide, through an orifice size of 17 thousandths of an inch; first digit fan size x 2 - last two digits = paint flow. A worn 517 could actually be a 525, resulting in the operator spraying at a incredible pace and/or too much product.

Material To Be Sprayed	Orifice Size - Recommended Only
Lacquer & Stain	.07 - .013
Enamel	.011 - .015
Acrylic	.015 - .021
High Builds	.019 - .035

Accessories

We stock a wide range of Reversible Tips and Fine Finish Tips for specific applications. Extension Poles are available in sizes 6", 12", 18", 24", 36". Swivel accessories are also available.

Maintenance

Ensure the pump is kept clean, replace reversible tip, gun filter and suction filter regularly.