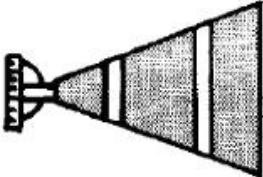

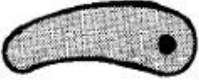







Sharpe Pattern Troubleshooting

PROBLEM: IMPROPER SPRAY PATTERN	CAUSE	SOLUTION
Fluttering or spitting spray 	<p>Insufficient fluid supply.</p> <p>Loose fluid nozzle or damaged fluid nozzle taper seat.</p> <p>Dirt between fluid nozzle, taper seat and body.</p> <p>Loose or cracked fluid inlet fitting (22).</p> <p>Loose fluid tube in cup or tank.</p> <p>Dry or worn fluid needle packing or loose packing nut permits air to get into fluid passage (siphon feed).</p>	<p>Adjust fluid regulator or fill fluid supply.</p> <p>Tighten fluid nozzle or replace fluid nozzle and needle.</p> <p>Clean.</p> <p>Tighten or replace fitting.</p> <p>Tighten.</p> <p>Lubricate or replace packings or tighten packing nut.</p>
	<p>Fluid build-up on air cap; partially clogged horn holes. Full air pressure from clean horn hole forces fan pattern toward clogged end.</p> <p>Damaged fluid nozzle or air cap holes.</p>	<p>Clean with soft implement or submerge in suitable solvent and wipe clean.</p> <p>Replace damaged part.</p>
	<p>Fluid build-up on the perimeter of fluid nozzle orifice, or partially clogged fluid nozzle orifice.</p>	<p>Remove obstruction. Never use wire or hard instruments.</p>
	<p>Too high atomization air pressure.</p> <p>Fluid too thin.</p> <p>Not enough fluid pressure.</p>	<p>Reduce air pressure or adjust fan adjusting valve.</p> <p>Regulate fluid viscosity.</p> <p>Increase fluid pressure.</p>
	<p>Low atomization air pressure.</p> <p>Fluid too thick.</p> <p>Too much fluid.</p>	<p>Increase air pressure or adjust fan valve.</p> <p>Regulate fluid viscosity.</p> <p><i>On siphon feed guns</i>, reduce fluid flow by adjusting fluid valve. <i>On pressure feed guns</i>, reduce fluid pressure. Adjust fluid adjusting valve until proper pattern is obtained.</p>
Streaks 	<p>Last coat of fluid applied too wet.</p> <p>Too much air pressure.</p> <p>Insufficient air pressure.</p> <p>Non-uniform spray pattern.</p>	<p>Apply drier finish with multiple strokes.</p> <p>Use lowest air pressure necessary.</p> <p>Increase air pressure.</p> <p>Clean or replace air cap.</p>