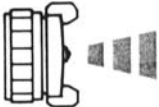

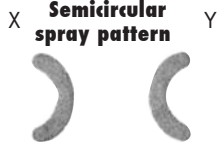




# Troubleshooting

Symptoms	Causes	Remedies
<p><b>The paint does not come out regularly, i.e., spluttering</b></p> 	<ol style="list-style-type: none"> <li>1- Insufficient paint in the pot</li> <li>2- The gun is too inclined</li> <li>3- The paint flow is obstructed</li> <li>4- The nozzle is loose or damaged</li> <li>5- The viscosity of paint is too high</li> <li>6- The hole of the cover is obstructed</li> <li>7- The packing gland of the needle is worn or the gland nut is loosened</li> </ol>	<ol style="list-style-type: none"> <li>1- Fill the pot</li> <li>2- Adjust</li> <li>3- Clean with solvent</li> <li>4- Tighten or replace</li> <li>5- Reduce the viscosity</li> <li>6- Clean</li> <li>7- Replace or adjust</li> </ol>
<p><b>Irregular spray pattern (Only on one side)</b></p> 	<ol style="list-style-type: none"> <li>1- The hole of the curved head is partially obstructed or damaged</li> <li>2- Paint or dust sticks on head conical walls and on the nozzle, or the parts are damaged</li> <li>3- (X) Paint or dust sticks on upper portion of the nozzle</li> <li>4- (Y) Paint or dust sticks on lower portion of the nozzle</li> </ol>	<ol style="list-style-type: none"> <li>1- Clean or replace</li> <li>2- Clean or replace</li> <li>3- Clean (X)</li> <li>4- Clean (Y)</li> </ol>
<p><b>Semicircular spray pattern</b></p> 	<ol style="list-style-type: none"> <li>1- (X) The air cap right hole is obstructed</li> <li>1- (Y) The air cap left hole is obstructed</li> <li>2- (X) Paint sticks on the right side of the air cap</li> <li>2- (Y) Paint sticks on the left side of the air cap</li> <li>3- The air cap or nozzle holes are damaged</li> </ol>	<ol style="list-style-type: none"> <li>1- Clean (X) (Y)</li> <li>2- Clean (X) (Y)</li> <li>3- Replace</li> </ol>
<p><b>Irregular spray pattern (drop pattern)</b></p> 	<ol style="list-style-type: none"> <li>1- Damaged nozzle</li> <li>2- Excessive clearance between air cap diameter and nozzle OD</li> <li>3- The air passing through the air cap holes is insufficient or the pressure is too low</li> <li>4- The pressure pushing the paint (pressurised pot operation) is too high</li> <li>5- The viscosity is too high</li> </ol>	<ol style="list-style-type: none"> <li>1- Replace</li> <li>2- Replace</li> <li>3- Increase the air volume or the pressure</li> <li>4- Reduce the pressure</li> <li>5- Reduce the viscosity</li> </ol>
<p><b>Irregular spray pattern (narrow at the centre)</b></p> 	<ol style="list-style-type: none"> <li>1- The air volume passing through the air cap holes is excessive and the pressure is too high</li> <li>2- Paint or dust deposit between head and nozzle</li> </ol>	<ol style="list-style-type: none"> <li>1- Reduce the air volume and reduce the pressure</li> <li>2- Clean</li> </ol>
<p><b>Spray centre too full</b></p>	<ol style="list-style-type: none"> <li>1- Too much product</li> <li>2- Product too thick</li> </ol>	<ol style="list-style-type: none"> <li>1- Use less</li> <li>2- Dilute it</li> </ol>
<p><b>Impossible to get a round spray</b></p>	<ol style="list-style-type: none"> <li>1- Jet support loose</li> <li>2- Jet support ruined</li> </ol>	<ol style="list-style-type: none"> <li>1- Close it</li> <li>2- Change it</li> </ol>
<p><b>It does not atomise</b></p>	<ol style="list-style-type: none"> <li>1- There is no air in the gun</li> <li>2- Air control valve not open properly</li> <li>3- Product regulation button not open properly</li> <li>4- The hole of the cover is obstructed</li> <li>5- The hole of the non-drip device is obstructed</li> </ol>	<ol style="list-style-type: none"> <li>1- Check the air line</li> <li>2- Open the air regulation valve</li> <li>3- Open the product regulation valve</li> <li>4- Clean and/or replace</li> <li>5- Clean and/or replace</li> </ol>
<p><b>Product leaking out of the nozzle</b></p>	<ol style="list-style-type: none"> <li>1- The packing nut is too tight</li> <li>2- Needle is damaged</li> <li>3- Needle not aligned with nozzle</li> </ol>	<ol style="list-style-type: none"> <li>1- Loosen it</li> <li>2- Change it</li> <li>3- Check or change it</li> </ol>
<p><b>Sagging</b></p>	<ol style="list-style-type: none"> <li>1- Too much product</li> <li>2- Product too thin</li> <li>3- Bad positioning of the gun</li> </ol>	<ol style="list-style-type: none"> <li>1- Use less</li> <li>2- Add some undiluted product</li> <li>3- Keep the gun perpendicular</li> </ol>
<p><b>Too much atomising (overspray)</b></p>	<ol style="list-style-type: none"> <li>1- Too much thinners</li> <li>2- Too high air pressure</li> </ol>	<ol style="list-style-type: none"> <li>1- Add some undiluted product</li> <li>2- Decrease the air pressure</li> </ol>
<p><b>Too much atomisation at the edges of the spray</b></p>	<ol style="list-style-type: none"> <li>1- Too high air pressure</li> <li>2- Gun too far away from the surface to be sprayed</li> <li>3- Too quick and arched in movement</li> </ol>	<ol style="list-style-type: none"> <li>1- Decrease the air pressure</li> <li>2- Move closer</li> <li>3- Slow down and keep straight in movement</li> </ol>
<p><b>Coarse finish, dry atomisation</b></p>	<ol style="list-style-type: none"> <li>1- Gun too far from the surface</li> <li>2- Too high an air pressure</li> </ol>	<ol style="list-style-type: none"> <li>1- Reduce the distance</li> <li>2- Decrease the air pressure</li> </ol>
<p><b>Finish with "orange peel" look</b></p>	<ol style="list-style-type: none"> <li>1- Gun too near</li> <li>2- Too low an air pressure</li> <li>3- Surface oxidised or greasy</li> </ol>	<ol style="list-style-type: none"> <li>1- Increase the distance</li> <li>2- Increase the atomisation pressure</li> <li>3- Clean or degrease the surface</li> </ol>