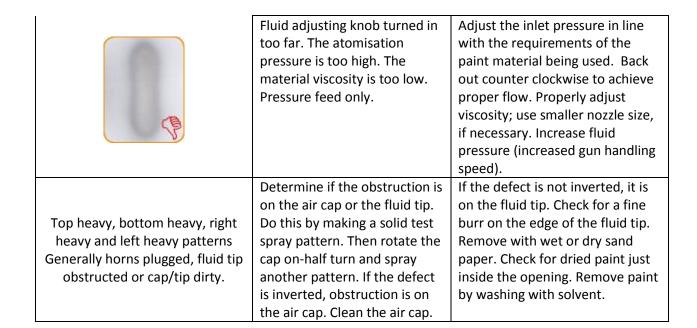




## Faulty spray patterns and how to correct them

Defect	Possible Cause	Corrective Action
Spray pattern is not large enough	Air drillings and air passages are clogged and or air pressure too high. Material flow exceeds air cap's capacity. Spreader adjustment valve set too low. Material too thick.	Clean the air cap with cleaning solution using a suitable cleaning brush, adjust air valve to recommended air pressure. Thin or lower fluid flow. Thin to proper consistency.
S-shaped spray fan	Horn air drillings are clogged.	Thoroughly clean the air cap with suitable cleaning utensils; replace the nozzle set if necessary.
Half-moon shaped spray fan	Horn drillings are contaminated on one side or front drillings are clogged.	Clean the air cap with cleaning solution using a suitable cleaning brush; afterwards blow dry thoroughly.
Lopsided spray fan	Fluid tip (fluid tip pin) and/or air cap damaged.	Make sure that fluid tip and air cap are undamaged; replace nozzle set, if required.
Splitting spray fan		



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