



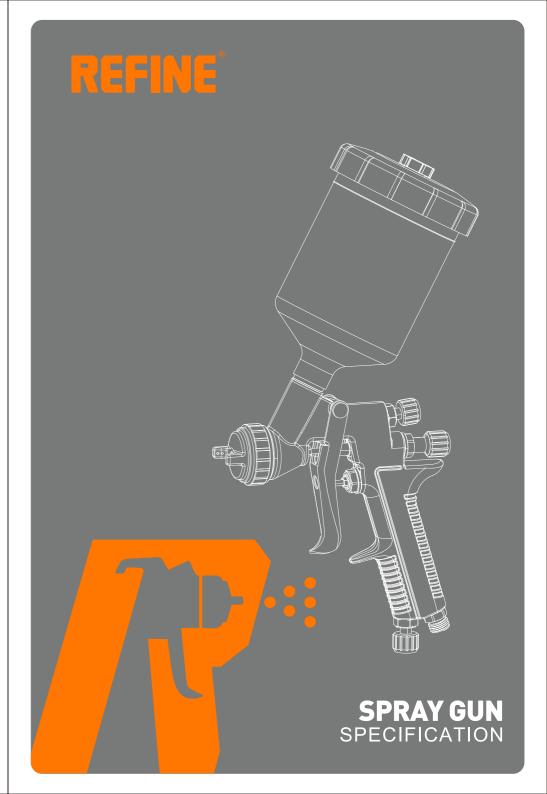








PLEASE PAY ATTENTION TO SAFETY WHEN USING









SYMBOLS

| △WARNINGS | △ CAUTION | ⚠ NOTE |
|---|---|---|
| Hazards or unsafe practices which could result in severe personal injury,death or substantial property damage. | Hazards or unsafe practices which could result in minor personal injury, product or property damage. | Important installation, operation or mainte- nance information. |

HOW TO OPERATE

Suggested air pressure is 3.0bar(43PSI)
Desirable viscosity differs from 15 to 30 sec according to paint property and spraying conditions. Ford cup#4 is recommendable.

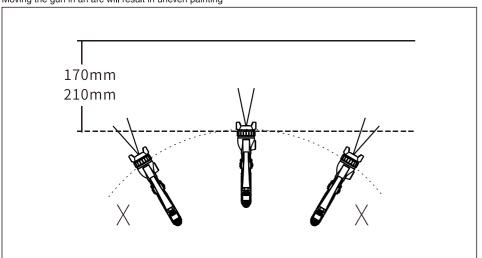
Keep fluid output as small as possible to the extent that the job will not be hindered. It will have better

finishing with fine atomization.

Set the spray distance from the gun to the work piece within the range of 170-210mm (6.7-8.27 in). The gun should be held so that it is perpendicular to the surface of the work piece at all times.

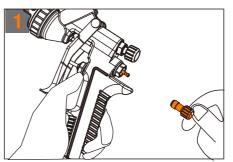
Then, the gun should move in a straight and horizontal line.

Moving the gun in an arc will result in uneven painting

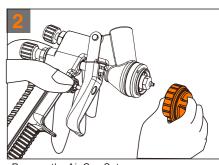


NOZZLE SET REPLACEMENT

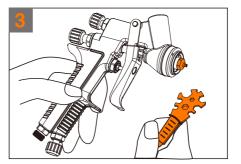
1. Disassemble and install nozzle set



Turn the Fluid Adjustment Knob counterclockwise to remove Knob, Fluid Needle and Spring.



Remove the Air Cap Set.

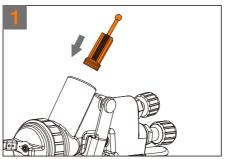


Unscrew the Fluid Nozzle with spanner.

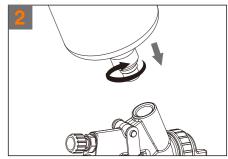
2. Re-assembly: be remember to tighten the Fluid Nozzle to prevent fluid leakage.

Replace the whole set of Air Cap, Nozzle, Fluid Needle at the same time.

ASSEMBLY



Install the Filter.

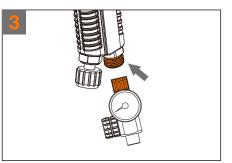


Screw the Paint Cup clockwise.

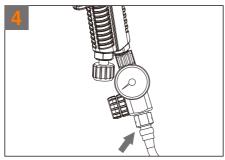


RS8808G AIR SPRAY GUN



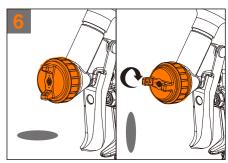


Connect the air pressure regulator to the air inlet.



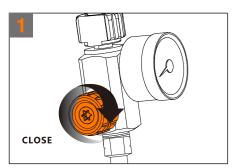
Connect the 1/4"NPS air inlet connector to the air pressure regulator and air inlet hose.

Hold the Gun Trigger. Then turn the Air Pressure Regulator Knob counterclockwise to raise the air pressure up to 2.5 to 3.0bar.

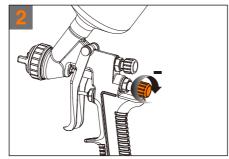


Change the spray pattern at vertical or horizontal by rotating the Air Cap at 90°

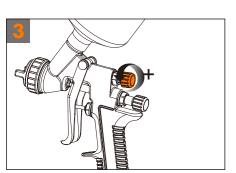
SET UP



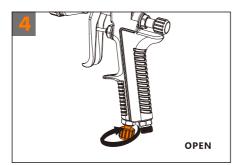
Turn the Air Pressure Regulator Knob clockwise to make sure the air inlet is closed.



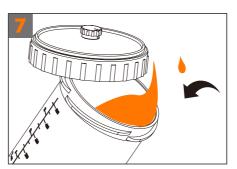
Turn the Fluid Adjustment Knob clock-wise to the minimum to prevent the needle from moving.



Turn the Fan Adjustment Knob counter-clockwise to fully open the fan.



Turn the Air Pressure Regulator Knob clockwise to make sure the air inlet is open.



Mix coating material by Manufacturers' instructions and pour into the Paint Cup.

PRECAUTIONS

A SAFETY WARNING

- No open flames and keep ventilated when spraying.
- 2 Do not spray on humans or animals to avoid damaging eyes and skin.
- Use protective devices like respiratory protection equipments and eye-protective devices during any spraying.
- Insulate or release the pressure inside the device before cleaning or maintenance.
- Do not use wires to dredge the feed port and nozzle to avoid damage to parts and abnormal spraying.
- On not immerse spray gun and its parts in diluting solvent for a long time. Take out and dry it in the air.
- Do not overhaul it by force if the paints bond together.
- The spraying distance should be between 170mm and 210mm, and the viscosity is about 15 to 30 sec./Ford cup#4 for the best effect.

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COMMONTROUBLES AND TROUBLESHOOTING OF SPRAY GUN

| TOROUBLES | CAUSES | TROUBLESHOOTING |
|---|--|--|
| No paint | No compressed air in | Inspect air supply pipe |
| | Needle valve regulating knob not fully opened | Regulate needle valve knob according to standard |
| | High paint viscosity | Dilute the paint according to the standard formula |
| There is paint | Mismatch of needle valve and nozzle | Equip with proper nozzle and needle valve according to standards |
| There is paint spilling at the nozzle when stopping pulling the trigger | Abrasion of needle valve | Replace the needle valve |
| the trigger | Abrasion of nozzle | Replace the nozzle |
| Airflow nozzle leak- age when stopping | Stain inside air valve | Dismantle the air valve and cleanse inner parts |
| pulling the trigger | Damage of air valve seal ring or air valve spring | Replace seal ring or air valve spring |
| Excessive painting at airflow nozzle cause | Incorrect installation of nozzle at the gun head | Install nozzle according to standards |
| painting drops when pulling the trigger | Airflow nozzle is blocked | Cleanse air cap thoroughly |
| | Scratch, damage or abrasion at the base inside nozzle | Replace the nozzle |
| | Damage or abrasion outside nozzle | Replace needle valve |
| Paint leakage out of nozzle | Needle valve or nozzle is not sealed due to unclean juncture | Remove foreign matters or excessive paint |
| and needle valve | Mismatch of nozzle and needle valve | Equip with nozzle or needle valve according to standards |
| | Unclean needle valve | Clean and lubricate needle valve |
| | Unclean needle valve seal cartridge | Take the seal cartridge down and clean it |
| Excessive paint | Incorrect installation of nozzle | Install the nozzle according to standards |
| Excessive paint | Leakage of needle valve or nozzle | Replace seal cartridge |
| Excessive paint at | Damage of airflow nozzle | Replace airflow nozzle |
| airflow nozzle | Rebounding paint buildup at the nozzle leads to blockage of the airflow nozzle | Clean the airflow nozzle thoroughly |
| Paint leakage out of needle valve seal | Abrasion or looseness of needle valve seal cartridge | Tighten or replace sealing plug as required |
| cartridge | Abrasion of needle valve | Replace needle valve |
| Air valve is dull when | Bend of air valve root | Replace broken parts |
| controlling the trigger | Unclean air valve root | Take it down and wash it |
| Leakage at air valve root | Abrasion or loss of seal ring inside air valve | Replace seal ring |
| When the trigger is pulled, air valve does not work(its root cannot plugged into the valve) | Bend of air valve root | Replace broken air valve root |
| | Unclean air valve root | Take the air valve down and clean it |
| | Unclean spindle screws of fixed trigger | Clean spindle screws |
| Bluntness of the | Unclean needle valve | Clean needle valve |
| trigger | Needle valve seal cartridge is too tight | Regulate and lubricate sealing plug |
| | Damage of needle valve spring or air valve spring | Replace spring |
| Paint leakage out of needle valve at the top of handle | Abrasion or loss of seal ring | Replace seal ring |
| Airflow nozzle locating ring can | Unclean thread of locating ring | Wash the front end of the gun in solvent |
| not work | Distortion or crack of locating ring | Replace the locating ring |

| TORUBLES | CAUSES | TROUBLESHOOTING |
|---|--|-------------------------------------|
| Sector valve can not be regulated | Damage or crack of inner seal ring | Replace seal ring |
| | Paint stained regulating screw | Take it down and wash it thoroughly |
| No dot spraying | Incorrect installation of nozzle or spacer | Reinstallation |
| | Damage of spacer | Replace the spacer |
| Sector control valve or inlet valve is loose | Abrasion of inner seal ring | Replace seal ring |
| Air leakage of spacer and seal ring | Damage of spacer and seal ring | Replace the spacer |
| | Paint stained spacer and seal ring | Take it down and wash it |
| Air control valve on the handle of spray gun can not work | Damage or crack of inner seal ring | Replace seal ring |
| | Paint stained regulating screw | Take it down and wash it |
| Trembling spraying or stoppage of the gun | Insufficient paint in the bucket | Add the paint |
| | Unscrewed nozzle | Screw the nozzle |
| | Abrasion of needle valve or seal ring | Replace the gun or seal ring |
| | Loose needle sealing plug | Screw sealing plug |
| | Loose joint of paint tube | Screw joint of paint tube |

| SPRAY PATTERN | REASON | REMEDIES |
|---------------------------------|--|---|
| TAPER | Air enters the junction of feed nozzle and nozzle holder | Clean junctions of nozzle and nozzle Holder, and reinstall them, replace them, replace the parts if junctions are broken. |
| | Air enters the junction of spacer and gun | Reinstall junctions of parts after cleaning, replace the parts if junctions are broken. |
| | Air enters the needle sealing screw | Tighten the needle sealing screw |
| | Air enters the juncture of feed channel joint and charging bucket | Reinstall and tighten relevant junctions |
| MOON | Blockage at vent hole of airflow nozzle, causing imbalanced air output | Remove the foreign matters and wash with hairbrush instead of metal cleaners to avoid damage |
| ONE END WIDE AND ONE END NARROW | Damage or solid matter sticking to fit clearance of feed nozzle and airflow nozzle | Remove solid matters and replace the broken parts |
| | Foreign matter sticking to dischare port of feed nozzle | Reinstall feed nozzle and needle valve assembly after cleaning junctions of them |
| jlin | Low viscosity | Increase viscosity of the paint |
| (iii) NARROW IN THE MIDDLE | Excessive paint sprayed | Reduce the paint sprayed with amplitude regulator, but it will also reduce the spraying swath |
| DENSE IN MIDDLE | High viscosity | Diluent should be added to reduce the viscosity of the paint |
| | Excessive paint sprayed | Increase the paint sprayed with amplitude regulator |