

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

 **IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY, AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.**

## 1. SAFETY INSTRUCTIONS

- ✓ Familiarise yourself with the application, limitations and potential hazards peculiar to the spray gun.
- ☐ **WARNING!** Disconnect the spray gun from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the spray gun in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Keep the spray gun clean for best and safest performance.
- ✓ Ensure that the compressed air system can supply the spray gun air consumption (7-12cfm).
- ✓ Wear approved safety respiratory protection and safety eye goggles.
- ✓ If spraying isocyanate based finisher, wear approved respirator/clean air breathing apparatus and protect skin with latex gloves and an impervious hooded coverall.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and tie back long hair.
- ✓ Locate the spray gun in a suitable work area. Keep area clean and tidy and free from unrelated materials and ensure that there is adequate ventilation and lighting.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ When not in use, ensure that the air supply is turned off.
- ✓ Avoid unintentional operation of spray gun.
- x **DO NOT** point spray gun at yourself, other persons or animals.
- x **DO NOT** direct air from the air hose at yourself, other persons or animals.
- x **DO NOT** carry the spray gun by the hose, or yank the hose from the air supply.
- x **DO NOT** exceed the maximum air pressure of 78psi.
- x **DO NOT** use the spray gun for any purpose other than that for which it is designed.
- x **DO NOT** allow untrained persons to operate the spray gun.
- x **DO NOT** get the spray gun wet or use in damp or wet locations or in areas where there is condensation.
- x **DO NOT** operate the spray gun if any parts are missing or damaged as this may cause failure and/or personal injury.
- ✓ When not in use, disconnect the spray gun from the air supply, clean thoroughly and store safely.

## 2. DESCRIPTION & SPECIFICATION

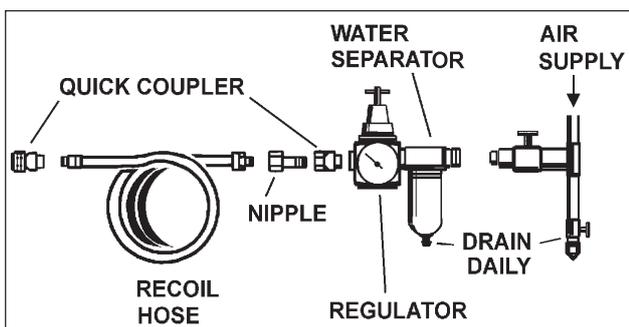
Based on the SSG1 spray gun head and supplied with high capacity pressure pot with gauge. Suitable for bulk/production spraying. Suitable for use with water based paints. Components of this set are also available individually. Alternative set-ups available separately.

Set Up: .....	1.8mm
Available Set Up: .....	2.0mm
Air Pressure: .....	40-60psi
Air Consumption: .....	7-12cfm
Pot Capacity: .....	2.0ltr

## 3. AIR SUPPLY

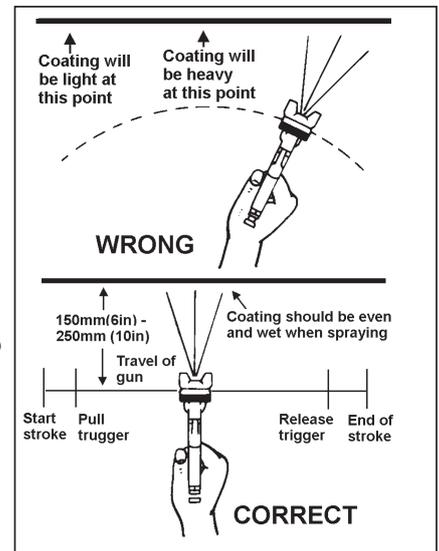
Recommended supply system is shown below.

- 3.1 Ensure that the spray gun trigger is in the "off" position before connecting to the air supply.
- 3.2 You will require an air pressure between 40 - 60psi, and an air flow according to the specification.
- ☐ **WARNING!** Ensure that the air supply is clean and does not exceed 60psi while operating the spray gun. Too high an air pressure and/or unclean air will shorten the product life, due to excessive wear, and may cause damage and/or personal injury.
- 3.3 Drain the air tank daily. Water in the air line will damage the spray gun and **invalidate your warranty**.
- 3.4 Clean compressor air inlet filter weekly.
- 3.5 Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
- 3.6 Keep hose away from heat, oil and sharp edges.  
Check hoses for wear, and make certain that all connections are secure.



## 4. OPERATING INSTRUCTIONS

- 4.1 For best results, handle the gun correctly. It should be held perpendicular to the surface being sprayed and moved parallel to it. Start the stroke before squeezing the trigger and release the trigger before finishing the stroke. This will give more accurate control of the gun and the material (see right).
- 4.2 Spray from a distance of 6 (150mm) to 10 inches (250mm), depending on the material and the atomizing pressure. The material deposited should always be even and wet. Each stroke must overlap the preceding stroke to obtain a uniform finish. To reduce overspray and obtain maximum efficiency, spray with the lowest possible atomizing air pressure.
- 4.3 Controlling the fluid and the fan spray:
- As the width of the spray is altered so the fluid flow must be adjusted to maintain the same coverage. Use the fluid control screw ('C' in Section 6).
  - The direction of the fan spray, either horizontal or vertical, is adjusted by turning the air cap to the desired position and then tightening the retaining ring.



## 5. MAINTENANCE & CLEANING

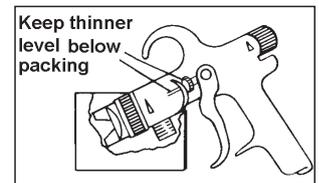
Disconnect from the air supply before attempting any maintenance or cleaning. When reassembling after maintenance, be sure to take care when screwing parts together. At first screw parts hand tight to avoid cross-threading. If a part cannot easily be turned by hand, check that you have the correct part, or unscrew, realign and try again. **DO NOT** use excessive force when reassembling.

### 5.1 SPRAY GUN

- 5.1.1 Immerse the *front end of the gun only* in solvent until the solvent just covers the fluid connection.
- 5.1.2 Use a bristle brush and solvent to wash off accumulated paint.
- 5.1.3 Do not immerse the entire gun in solvent. This will cause lubricants to dissolve and packing to dry out. Dirty solvent may also clog the narrow passages in the gun.
- 5.1.4 Wipe the outside of the gun with a dampened solvent rag.
- 5.1.5 Lubricate the gun daily with a light machine oil. Be sure to lubricate the fluid needle packing, air valve packing, side port control packing and trigger pivot point. Do not use lubricants containing silicone.
- 5.1.6 When finished spraying, flush the gun through with clean thinners.

### 5.2 AIR NOZZLE, FLUID NOZZLE & NEEDLE ASSEMBLY

- 5.2.1 To clean the nozzles, soak them in solvent to dissolve any dried material then blow them clean with air. Handle all nozzles carefully and do not make any alterations in the gun.
- 5.2.2 If you need to probe the holes in the nozzles, be sure to use a tool that is softer than brass; do not use metal instruments.
- 5.2.3 Adjust the fluid needle valve so that when the gun is triggered, air flow occurs before fluid flow.



## 6. TROUBLESHOOTING

THE PROBLEM	THE CAUSE	THE SOLUTION
<p>Heavy atomization, poor centre pattern</p>	Fluid flow is too high for the air pressure and flow	<ol style="list-style-type: none"> <li>Increase air pressure by adjusting regulator (A) and increase flow adjusting regulator (B).</li> <li>Reduce paint flow with regulator (C).</li> <li>Paint may be too thick. If so, dilute it.</li> </ol>
<p>Poor atomization/heavy centre pattern</p>	Air pressure and flow too high for fluid flow	<ol style="list-style-type: none"> <li>Reduce air pressure by adjusting regulator (A).</li> <li>Reduce air flow by adjusting regulator (B) and increase fluid flow with regulator (C).</li> </ol>
<p>Intermittent spray pattern</p>	Air entering the fluid supply	<ol style="list-style-type: none"> <li>Tighten the connection between the gun and the pot.</li> <li>Tighten fluid nozzle with gun spanner.</li> <li>Check if pot vent hole is blocked.</li> <li>Check if pot is empty.</li> </ol>
<p>Heavy right or left side pattern</p>	Horn hole (A) blocked. In order to check, turn the air cap (C), if the faulty pattern is now upside down the hole must be cleaned.	<ol style="list-style-type: none"> <li>Place the air cap in solvent.</li> <li>Clean hole with compressed air or with a wooden toothpick. <b>DO NOT</b> use a metal probe which will damage the hole.</li> </ol>
<p>Top heavy or bottom heavy pattern</p>	Possible paint build-up between fluid nozzle and air cap (A).	<ol style="list-style-type: none"> <li>Clean the air cap and the fluid nozzle, check that they match.</li> <li>Check needle for damage.</li> </ol>

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or phone 01284 757500.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of this equipment. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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