

SEALEY POWER PRODUCTS

INSTRUCTIONS FOR: AIR OPERATED WATER BASED SPRAY GUN CLEANING TANK

MODEL No: **SM233**

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- WARNING! Ensure Health & Safety, local authority, general workshop practice regulations are adhered to when using equipment.**
- WARNING! Installation site must be equipped with suitable fire extinguishers (water must not be used) and escape routes.**
- WARNING! Disconnect the air supply from the tank before changing accessories, servicing or performing any maintenance.**
- ✓ Maintain the tank in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Locate the tank in a suitable working area. Ensure the tank stands on a firm level surface. Keep area clean and tidy and free from unrelated materials. Ensure the area is well ventilated and has adequate lighting.
- WARNING! Ensure correct air pressure is maintained and not exceeded. Recommended pressure (40 - 60psi).**
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use, and ensure that all connections are secure.
- WARNING! This tank is for use only with solvents for water based paints.**
- ✓ Use only recommended solvents as a cleaning agent, do not pour any other type of cleaning fluid into the tank.
- ✓ Keep the tank clean. Remove and clean the suction filter regularly for best performance.
- WARNING! DO NOT SMOKE and keep sources of ignition, such as heaters, lamps, etc. away from the unit, together with flammable or combustible materials, as there is an explosion risk.**
- WARNING! Wear approved safety eye protection, mask and gloves. If solvent gets on skin or in eyes wash thoroughly with water and take any other action as required by the solvent instructions.**
- ✓ Remove ill fitting clothing, ties, watches, rings and other loose jewellery, contain long hair, and wear appropriate protective clothing.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep non-essential persons away from the working area.
- ✓ In case of fire in tank, do not attempt to move the unit or remove spray guns.
- x DO NOT use the tank with the lid open and DO NOT use it for spray gun testing.
- x DO NOT use the tank for any purpose other than for which it is designed.
- x DO NOT operate the tank if any parts are missing or damaged as this may cause failure and/or possible personal injury.
- x DO NOT over-fill the tank (max capacity 19 litres).
- x DO NOT direct air from the air hose at yourself or others.
- x DO NOT operate the tank when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When cleaning is complete, ensure all control valves are in the 'off' position and that the air supply is turned off.
- WARNING! It is operator's responsibility to ensure that there is no uncontrolled discharge of any fluids used with this unit and that appropriate arrangements have been made for correct disposal of waste in accordance with government/local authority regulations.**
- WARNING! Do run the washer without the screen platform.**

2. INTRODUCTION & SPECIFICATION

Fully enclosed, corrosion resistant tank suitable for containing water and detergent necessary for cleaning spray guns using water-based paint. Powerful and reliable diaphragm pump system washes up to two guns simultaneously. Semi automatic operation.

SPECIFICATION:

Operating pressure	40-60 psi
Air consumption	2-4 cfm
Noise	75db
Interior tank	Polythene
Cleans	2 pots + 2 guns
Water capacity	19ltr
Width x depth x height	470 x 650 x 1000mm
Weight	.33.5kg

3. ASSEMBLY

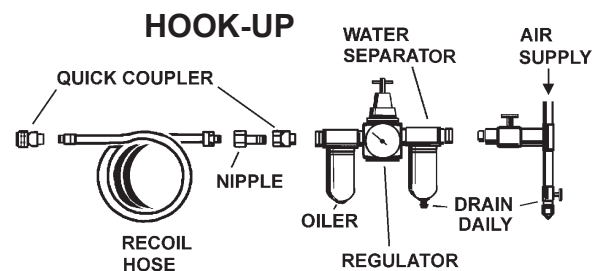
Refer to fig.4.

- 3.1. Attach legs to the cabinet with the screws, washers and nuts provided . Fit drain valve to base of tank.

4. AIR SUPPLY

NOTE: The air supply for the SM233 must be equipped with a regulator, filter/separator and oiler in order to ensure safe operation and to prolong the life of the product. **These items are not supplied and must be purchased separately.** Consult your local Sealey dealer for a suitable product. For recommended hook-up, see diagram below.

- 4.1. Ensure that the pump air valve and air inlet ball valve are closed before connecting the air supply. See fig.3.
- 4.2. An air pressure of **40-60psi**, and an available air volume of 2 - 4cfm will be required to operate the unit.
- WARNING! Ensure air supply is clean and does not exceed 60psi. Too high an air pressure and/or unclean air will shorten the product life due to excessive wear, and may be dangerous, causing possible damage and personal injury.**
- 4.3. Drain the air supply tank daily. Water in the air line will damage the unit.
- 4.4. Clean the air supply filter weekly.
- 4.5. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose internal diameter should be 10mm and fittings must have the same internal dimension.
- 4.6. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 4.7. The air inlet connection is 1/4"NPT.



5. OPERATING INSTRUCTIONS

- ❑ **WARNING!** Ensure you follow the safety instructions. Wear approved safety gloves, goggles, mask, and suitable clothing.

5.1. PREPARING TANK & ITEMS FOR CLEANING (See fig.3)

- 5.1.2. Ensure tank drain valve is closed and then pour solvent into tank. Ensure final level is at least 25mm above pump suction strainer.
- 5.1.3. Confirm that the pump air valve is closed and air supply pressure is regulated to not more than 60psi. Turn on air supply at air inlet ball valve.
- 5.1.4. Partially open pump air valve and allow pump to run slowly for approx. 2 minutes to purge fluid used for manufacturer's tests. **Note:** Always operate with lid closed.
- 5.1.5. Check the spray gun to be cleaned, empty and store any excess paint for future use. For best results clean immediately after use, having removed as much residual paint as possible.
- 5.1.6. To open the spray gun for cleaning, squeeze trigger and fit trigger lock as shown in fig.2.
- 5.1.7. Two gun supports are provided, one short (see fig.1A) and one long (see fig.1B). Use whichever support suits the configuration of the gun to be cleaned. In general, guns which have top entry paint inlets (e.g gravity feed) can be put on either support provided they do not foul on the underside of the lid. Guns which have bottom entry paint inlets (e.g suction feed) will usually go onto the longer support. If required the extension on the long support can be removed to give two short supports.
- 5.1.8. For pressure fed guns up to 2ltr capacity place the syphon stem of the pot cover over the short support and position the gun and hoses on the screen platform. Over this capacity disconnect the gun from the lines and place on the long support.
- 5.1.9. Place pots over nozzles 'C' (fig.1 - Mesh screen omitted for clarity).

5.2. CLEANING

- 5.2.1. Ensure washer lid is closed and then fully open pump air valve. The pump will now operate and expel an atomized spray through the nozzles in the cleaning tank.
- 5.2.2. Cleaning will be complete after 60 seconds, at which time pump should be turned off by closing the pump air valve. *Do not operate pump for longer than 2 minutes at any one time as this will reduce seal life.*
- 5.2.3. When cleaning is complete turn the air inlet ball valve off.
- 5.2.4. Open lid and remove cleaned equipment.

NOTE: If, during cleaning, lid is inadvertently opened, the cleaning process will automatically stop. Close lid for cleaning to continue. **DO NOT** store guns in tank.

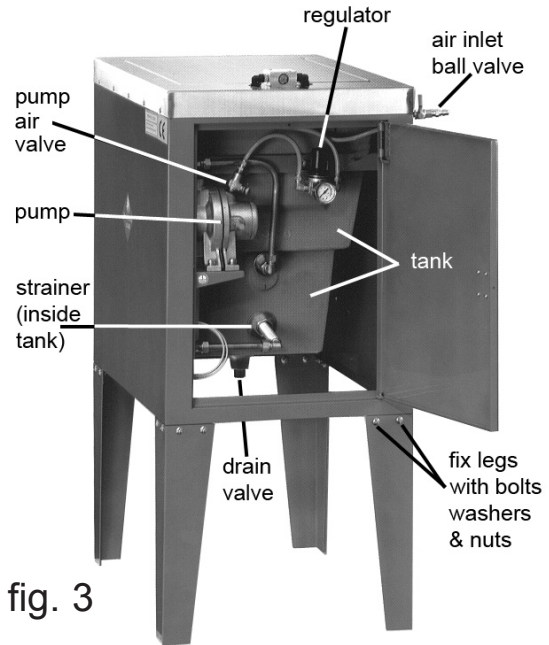
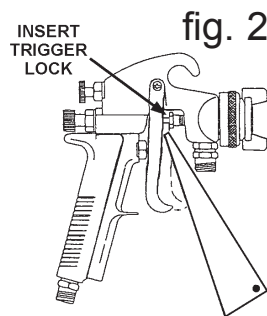
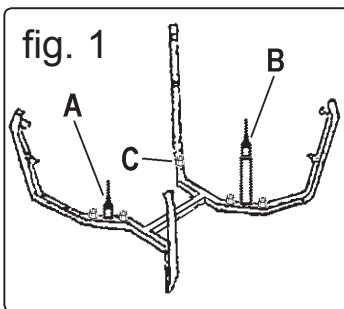


fig. 3

6. SOLVENT CHANGE & MAINTENANCE

- ❑ **WARNING!** It is operator's responsibility to ensure that there is no uncontrolled discharge of any fluids used with this unit and that appropriate arrangements have been made for correct disposal of waste in accordance with government/local authority regulations.
 - ❑ **WARNING!** Disconnect the air supply from the unit before changing accessories, servicing or performing any maintenance.
 - ❑ **WARNING!** Wear approved safety gloves, goggles, mask and suitable clothing.
- 6.1. **SOLVENT REPLACEMENT.** The number of guns the solvent can clean will depend upon the amount of residual paint which is left in spray equipment. We recommend however that the solvent is changed on a regular basis to provide optimum cleaning performance and that paint sludge is removed weekly, as detailed below.
 - 6.1.1. **Sludge removal.** Drain 2 litres of solvent/sludge from drain valve. Close valve and add clean solvent to tank to bring level up to at least 25mm above strainer.
 - 6.1.2. **Solvent change.** Completely drain dirty solvent as in 6.1.1. Clean inside of tank and strainer before refilling with clean solvent. Store the used solvent in accordance with regulations. Wipe up any spillage immediately.
 - 6.2. **MAINTENANCE.** Regularly check that opening the washer lid automatically stops the spray.
 - 6.2.1. Regularly check and top-up the oil in the air supply oiler.
 - 6.2.2. Periodically, remove pump end cap and add grease internally.
 - 6.2.3. Keep the outside of the unit clean.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email 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 product.

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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