



INSTRUCTIONS FOR AIR BRUSH COMPRESSOR MODEL NO: AB900.V3

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 & CAUTIONS. USE THE 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual



Wear a mask



Wear eye protection



Warning!
Hot surface

1. SAFETY

1.1. ELECTRICAL SAFETY

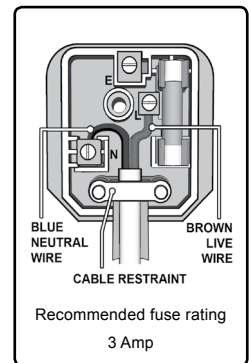
- WARNING!** It is the user's responsibility to check the following:

Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey dealer.

If the compressor is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.

Electrical safety information, it is important that the following information is read and understood.

- 1.1.1. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- 1.1.2. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- 1.1.3. **Important:** Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.
 - × **DO NOT** pull or carry the appliance by the power cable.
 - × **DO NOT** pull the plug from the socket by the cable. Remove the plug from the socket by maintaining a firm grip on the plug.
 - × **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.
- 1.1.4. This product is fitted with a BS1363/A 13 Amp 3 pin plug.
 - If the cable or plug is damaged during use, switch the electricity supply and remove from use.
 - Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.
 - Class II products are wired with live (brown) and neutral (blue) only are marked with the Class II symbol;
 - A) Connect the BROWN live wire to the live terminal 'L'.
 - B) Connect the BLUE neutral wire to the neutral terminal 'N'.
 - C) After wiring, check that there are no bare wires and ensure that all wires have been correctly connected.
 - Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.
 - × **DO NOT** connect either wire to the earth terminal.
 - Sealey recommend that repairs are carried out by a qualified electrician.



1.2. GENERAL SAFETY

- WARNING!** Compressor must only be serviced by an authorised agent.
- ✓ Familiarise yourself with the application and limitations of the compressor.
- ✓ Ensure the compressor is in good order and condition before use. If in any doubt do not use the unit and contact an electrician / service agent.
- ✓ Before moving, or maintaining the compressor, ensure it is unplugged from the mains supply and that the air brush is disconnected.
- × **DO NOT** attach anything other than an air brush to the compressor.
- ✓ Ensure the safe working pressure of any air brush used, exceeds the units output pressure.
- ✓ Ensure the area selected for spraying is provided with suitable ventilation.
- ✓ Ensure the compressor is turned off before disconnecting the air brush.
- ✓ To move the compressor use the handle only.
- ✓ Use the compressor in a well ventilated area and ensure it is placed on a firm surface.
- ✓ Keep tools and other items away from the compressor when it is in use, and keep area clean and clear of unnecessary items.
- ✓ Ensure the air brush supply hose is not tangled, twisted, or pinched.
- ✓ Keep children and unauthorised persons away from the working area.
- × **DO NOT** disassemble compressor for any reason. The unit must be checked and serviced by an approved service agent.
- × **DO NOT** use the compressor outdoors, or in damp, or wet locations.
- × **DO NOT** operate within the vicinity of flammable liquids, gases or solids.
- × **DO NOT** touch compressor cylinder head as it may be hot and will remain so for some time after shutdown.
- × **DO NOT** attempt to move the compressor by pulling the air brush supply hose. Only move the compressor by its handle.
- × **DO NOT** use this product to perform a task for which it has not been designed.
- ▲ **DANGER! DO NOT direct the output jet of air towards people or animals.**
- ✓ When not in use, store the compressor carefully in a safe, dry, childproof location.

- ❑ **WARNING! If an electrical fuse blows, ensure it is replaced with an identical fuse type and rating.**
- × **DO NOT** eat or smoke whilst spraying.
- × **DO NOT** spray near naked flames.
- × **DO NOT** leave the compressor running unattended.
- × **DO NOT** operate the compressor whilst under the influence of drugs, alcohol or other intoxicating medication.
- × **DO NOT** carry the compressor while operating the air brush.
- × **DO NOT** cover the compressor or restrict air flow around the machine whilst operating.
- × **DO NOT** allow anyone to operate the compressor unless they have received full instructions.

2. INTRODUCTION

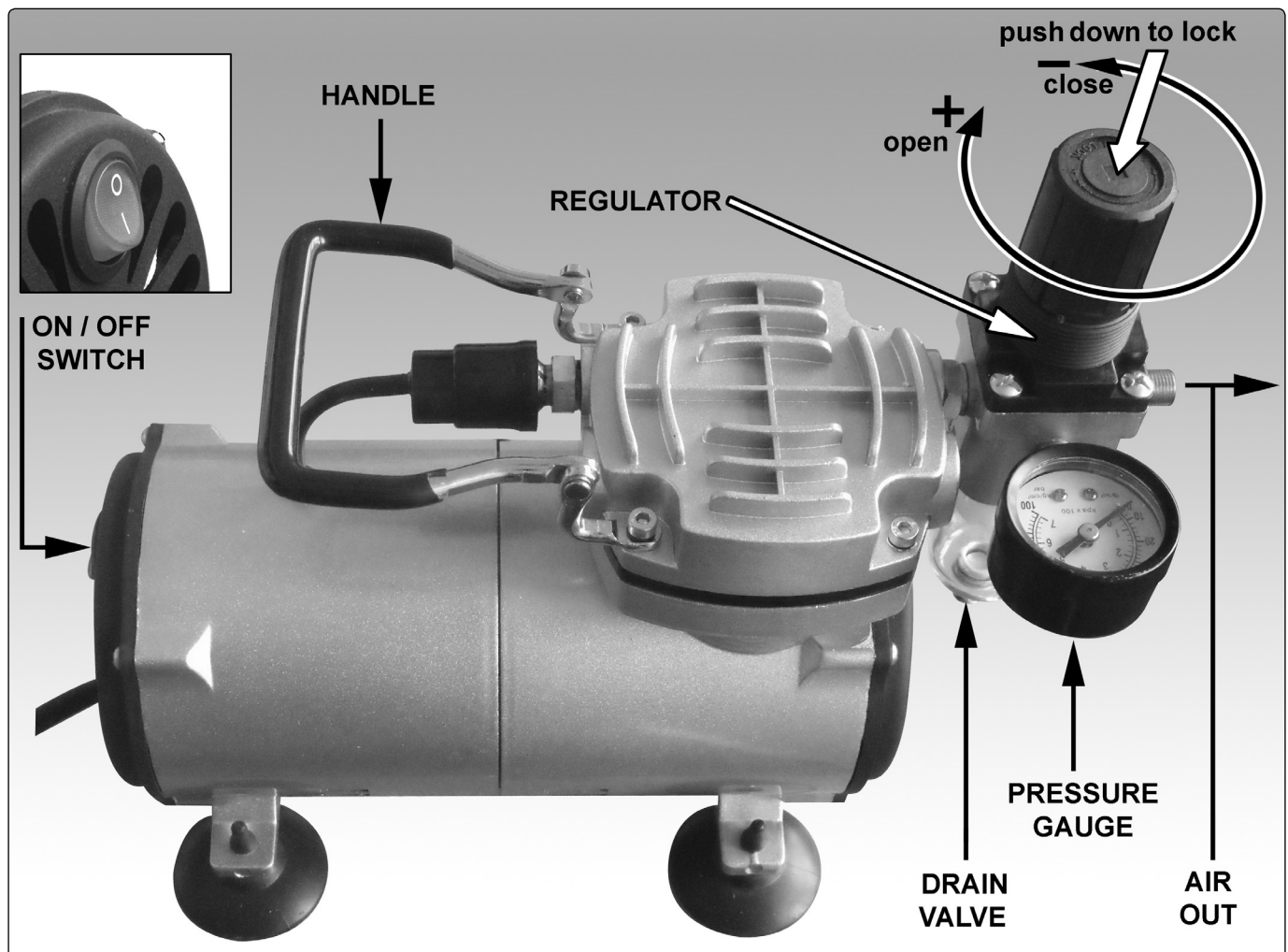
Quiet running piston pump, powered by a 120W motor - suitable for most air brushes. Requires no lubrication and the air supply from the unit is oil free. Supplied with an air filter regulator and pressure gauge.

3. SPECIFICATION

Model no: AB900
 Power: 120W
 Supply: 230V
 Free air delivery: 0.8cfm
 Air pressure: 50psi
 Air outlet size: 1/8" BSP/1/4" BSP

4. PREPARATION

- 4.1. Remove compressor from packaging and inspect for any damage. If anything is found to be missing or damaged contact your supplier.
- 4.2. Confirm that the mains voltage corresponds with the voltage shown on the compressor data plate.
- 4.3. The compressor should be operated in a position that allows good air circulation around the unit.



5. OPERATION

- ❑ **WARNING! Ensure that you have read, understood and apply Section 1 safety instructions.**
- 5.1. Situate the compressor in a convenient position for the air brush work to be undertaken. Ensure that it is resting on a stable and level surface that will not be affected by the minor vibration of the unit. Do not rest the compressor on sheets of paper or card etc. Ensure the rubber feet are in direct contact with the work surface.
 - × **DO NOT** operate the unit in an enclosed space and ensure that there is adequate air space around the unit.
 - 5.2. Attach the air brush hose to the air outlet.
 - 5.3. Plug the mains lead into a convenient socket but do not switch on until you have fully prepared the medium to be sprayed, the air brush and the item/surface to be sprayed.

- 5.4. Switch on the unit. The compressor will then provide a constant air flow to the air brush. The compressor motor will cut-in and out automatically to maintain the required pressure as determined by the user setting on the regulator.
- 5.5. Refer to the air brush instructions for the correct operating pressure. To adjust the pressure, first pull up the regulator knob to unlock it. To increase the pressure, turn the knob clockwise. To decrease the pressure, turn the knob anti-clockwise. Monitor the result on the pressure gauge. When correct pressure has been obtained, push down the regulator knob to lock it. (See below).
- 5.6. Refer to the manufacturer's instructions with your air brush for the correct spraying technique. Do not leave the compressor running for any length of time with the air brush attached but not being used. If there is a pause in your work switch the compressor off.
- 5.7. If the operating note of the compressor changes, there may be a blockage within the air brush or the air hose may be pinched. The unit should be switched off immediately and the source of the blockage investigated and eliminated.
- 5.8. When the task is complete use the compressor to blow a suitable cleaning solvent through your air brush.
- 5.9. Switch the unit off. Operate the air brush to relieve any pressure left in the hose. Disconnect the air brush from the compressor.
- 5.10. During and immediately after operation, the finned pump head may be hot and should not be touched. If the unit must be moved, lift it by the handle only. Allow the unit to cool before storing it.
- 5.11. Should there appear to be any loss of efficiency when spraying, ensure first that the air brush is scrupulously clean and functioning properly. If the air brush is satisfactory then refer to the trouble shooting guide for the compressor.

6. MAINTENANCE

Before carrying out any maintenance, switch compressor off, unplug it from the mains electricity supply, de-pressurise the tank and allow unit to fully cool down. Keep the unit clean at all times.

DO NOT cover any of the ventilation slots. **DO NOT** allow any extraneous material to enter the unit via any of the ventilation openings.

- 6.1. Store in dust free and dry conditions.

7. TROUBLESHOOTING

The troubleshooting guide below is intended to give you an indication of what type of fault may have developed with your unit over a long period of service. The chart is not intended as a guide on how to repair the fault yourself. In all cases we recommend that the unit be returned to an authorised service agent for rectification.

Fault	Cause	Remedy
Low air flow	Air valve plate or air valve is damaged Diaphragm damaged	Change the defective air valve plate or air valve Change diaphragm
Noisy operation	The head screws are too tight Bearing fault	Loosen the screws and then tighten them equally. Do not over tighten Return to stockist for checking
Humming noise but does not work	The head screws are too tight Armature fault	Loosen the screws and then tighten them equally. Do not over tighten Return to stockist for checking



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

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 is required for any claim.

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