



Using the Airless Spray

1. Protective equipment including non-slip goggles, facemask, and ear defenders must be worn.
2. Do not smoke or use naked flames while handling paints or chemicals.
3. Follow the instructions provided with the paint, or other liquid that is planned to be used.
4. Wash drips of paint or chemical off the skin immediately. Do not allow to dry, do not just brush off.
5. The spray gun should be held firmly when squeezing the trigger because the pressure can make it kick back.
6. Do not spray over electrical equipment. This could cause a short circuit and fire. It could also deliver a fatal shock.
7. The spray should not be aimed at people or animals.
8. When the spray equipment is not in use, it should be switched off, the trigger should be depressed to release any pressure and make safe.
9. If someone approaches the spray must be stopped.
10. Care must be taken not to accidentally pull the plug from the socket.
11. If it suspected that the cable may be cut or damaged in any way, switch off and unplug at the mains before the equipment is inspected.
12. Switch off and remove the plug from the socket before the machine is left unattended.
13. When the work is finished the equipment must be thoroughly cleaned before the contents harden or set.
14. Facemask and gloves must be worn when cleaning the equipment especially if using solvents.
15. Paints or toxic liquids must not be poured into drains; follow the manufacturer's instructions regarding cleaning and disposal – or contact the hire company.
16. The equipment must be returned to the hire shop in a clean condition.
17. If the equipment does not work properly do not attempt to repair it. Contact the hire company.

Please store this leaflet safely. It may be required for further information



Hire Association Europe
2450 Regents Court
The Crescent
Birmingham Business Park
Solithull B37 7YE

Telephone: 44 (0) 121 380 4600
Fax: 44 (0) 121 333 4109
Email: mail@hae.org.uk
website: www.hae.org.uk

©Copyright Hire Association Europe April 2011

Any unauthorised reproduction – manually or electronically – is STRICTLY prohibited

Airless Spray

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet BEFORE using the Airless Spray

1. Electricity can be hazardous and must always be used with great care.
2. Paint is ejected from the nozzle of this equipment at high pressure. Care must be taken not to cause injury by spraying over anyone.
3. Paints and solvents used with this equipment may be highly flammable and toxic. Appropriate precautions must be taken.
4. This airless spray is designed for high pressure spraying of paints and emulsions, such as resin-based paints, and intumescent finishes for fireproofing.
5. Spraying paints and chemicals at high pressure can cause injury or damage if the equipment is not used in a careful and controlled way.
6. If the operator has not used the equipment before, they should take time to familiarise themselves with the equipment before starting work.
7. The job should be planned in order to foresee any problems that may occur so that they can be safely dealt with.
8. The following items of personal protective equipment must be worn as a minimum: Impact resistant goggles: EN166 – B or BS2092 grade 1; Facemask 0 a minimum of EN149 FFP3(sI) protection or, preferably a respirator; Overalls; Gloves; RCD if using a 230volt mains supply.
9. This equipment must not be used by minors, or by anyone under the influence of drugs or alcohol.
10. This airless spray is designed for use by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



Every effort has been made by HAE/EHA to ensure that the information given in this document and supporting material is accurate and not misleading. HAE/EHA cannot accept responsibility for any loss or liability perceived to have arisen from the use of any such document/material. Only Acts of Parliament and Statutory Instruments have the force of law and only the courts can authoritatively interpret the law.

Hire Association Europe
2450 Regents Court
The Crescent
Solithull B37 7YE

Telephone: 44 (0) 121 380 4600
Fax: 44 (0) 121 333 4109
Email: mail@hae.org.uk
website: www.hae.org.uk

1. Use a residual current device (RCD) plugged directly into the 230V socket. The equipment should be plugged into the rcd. This will help to protect against electric shock if the cable or equipment get damaged.
2. Use the TEST button to check that the rcd is working each time it is used. Reset the rcd according to the instructions supplied with it.
3. If an extension cable is needed, follow any special instructions given by the hire company. If the hire company has not given an extension cable should be used. No longer than 50 metres (160 feet). The extension cable should be plugged directly into the rcd.
4. The cable must be laid out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. It should be fully unrolled or it will overheat and could catch fire.
5. Extension cable connections must be dry and safe.



230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device (RCD) plugged directly into the 230V socket. The equipment should be plugged into the rcd. This will help to protect against electric shock if the cable or equipment get damaged.
2. Use the TEST button to check that the rcd is working each time it is used. Reset the rcd according to the instructions supplied with it.
3. If an extension cable is needed, follow any special instructions given by the hire company. If the hire company has not given an extension cable should be used. No longer than 50 metres (160 feet). The extension cable should be plugged directly into the rcd.
4. The cable must be laid out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. It should be fully unrolled or it will overheat and could catch fire.
5. Extension cable connections must be dry and safe.

1. Some spray guns have a nozzle tip, which is reversible simply by rotating a control lever on the side of the nozzle. This enables the operator to clean out blockages by spraying through the nozzle backwards; the tip is then reversed again to continue spraying with the nozzle still reversed. Arrows on the control lever clearly show which way the nozzle should be for spraying.
 3. Different size spray nozzles are available for different consistencies of paint; check with the hire company.
- ### ELECTRICAL SUPPLY
- The equipment will only operate on one voltage: it will be 110v or 230v. 110v equipment will have a yellow industrial plug fitted. 230v equipment will have either a normal square pin plug, or a blue industrial plug. Read the instructions below for the equipment being used.
 1. If a portable transformer is being used, the transformer should be plugged directly into the 230v socket. Do not use 230v extension cables.
 2. If an extension cable is needed, follow any special instructions given by the hire company. If the hire company has not given a suitably rated heavy duty 110v extension cable should be used. No longer than 50 metres (160 feet).



110 VOLT MACHINES (YELLOW PLUG)

1. Use a residual current device (RCD) plugged directly into the 230V socket. The equipment should be plugged into the rcd. This will help to protect against electric shock if the cable or equipment get damaged.
2. Use the TEST button to check that the rcd is working each time it is used. Reset the rcd according to the instructions supplied with it.
3. If an extension cable is needed, follow any special instructions given by the hire company. If the hire company has not given an extension cable should be used. No longer than 50 metres (160 feet). The extension cable should be plugged directly into the rcd.
4. The cable must be laid out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. It should be fully unrolled or it will overheat and could catch fire.
5. Extension cable connections must be dry and safe.



Before Starting Work...

1. Care must be taken; the paints and chemical used in spraying can be toxic, flammable or both.
 2. Goggles, facemask and other safety equipment must always be worn for the operators protection.
 3. Smoking and naked flames are not permitted while handling paints or chemicals.
 4. Always follow the manufacturer's instructions written on the labels or on the containers.
 5. Wash drips or splashes of skin immediately. If any type of chemical comes into contact with the eyes, they should be rinsed thoroughly and medical advice sought.
 6. Always put the caps on containers to prevent accidental spillage and put the containers safely and securely away to prevent unauthorized use.
- ### WORK AREA
1. Do not use this airless spray where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
 2. Make sure that the work area is clean and safe and that no-one is nearby who could cause a distraction.
 3. The atomized spray from the nozzle may be toxic or flammable. Make sure that the work area has good ventilation and any source of ignition has been removed.
 4. Protect other people from any noise and spray. Barriers should be put up with warning signs.
 5. The airless spray equipment should not be left in the rain or where the electrical parts might get wet.
- ### OPERATORS
1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever this spray is used. Particular jobs or environments may require a higher level of protection.
 2. All of the controls should be understood.
 3. Check the spray equipment, cable, plug, high pressure hoses and spray gun. If anything is found damaged, the airless spray should not be used – contact the hire company.
 4. Check the plug on the equipment matches the power supply. Connections should not be forced or improvised.
 5. Equipment fitted with a cylindrical yellow industrial plug fitted is designed to run off a special 110v supply. The hire company will provide a portable transformer if the equipment is to be powered from a 230v mains supply. If a portable transformer has been supplied, care must be taken to avoid injury when moving it about – it may be heavier than it appears.

