

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 OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

The use of symbols in this document is to attract your attention to possible danger. The symbols and warnings themselves do not eliminate any danger, nor are they substitutes for correct accident prevention measures.

1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY

⚠ WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. **You must** also read and understand the following instructions concerning electrical safety.

1.1.1. The **Electricity at Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.

1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**

1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.

1.1.4. Ensure that cables are always protected against short circuit and overload.

1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.

1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.

1.1.7. **DO NOT** pull or carry the appliance by the power cable.

1.1.8. **DO NOT** pull the plug from the socket by the cable.


1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When an ASTA/BS approved UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely**. Fit a new plug according to the following instructions (UK only).

a) **Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.**

b) **Connect the BROWN live wire to the live terminal 'L'.**

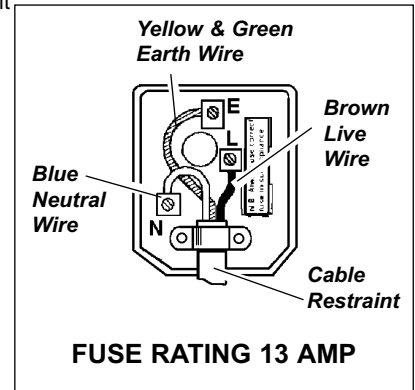
c) **Connect the BLUE neutral wire to the neutral terminal 'N'.**

d) **After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.**

Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

1.1.10. This product is supplied without a plug fitted. To fit a plug, follow the instructions detailed in paragraph 1.1.9.

1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If extension reel is to be used outdoors, ensure it is marked for outdoor use.



1.2. GENERAL SAFETY INSTRUCTIONS

✓ Familiarise yourself with the application and limitations of the panel dryer.

✓ Ensure the panel dryer is in good order and condition before use. If in any doubt do not use the unit and contact an electrician.

✓ Only use recommended attachments and parts. To use non-recommended items may be dangerous and will invalidate your warranty.

✓ Use the panel dryer with post in the vertical position only and ensure it is placed on a firm, level floor.

✓ Check that lamp guards are in place, undamaged and firmly attached.

✓ Keep tools and other items away from the panel dryer when it is in use.

✓ Keep the work area clean and clear of unnecessary items.

✓ Keep children and unauthorised persons away from the working area.

✓ Remember that the lamp panels will get hot, allow to cool after use.

x **DO NOT** dis-assemble the panel dryer for any reason. The panel dryer must be checked by qualified personnel only.

x **DO NOT** use the panel dryer outdoors, or in damp, or wet locations, and **DO NOT** operate within the vicinity of flammable liquids, gases or solids.

x **DO NOT** use this product to perform a task for which it has not been designed.

⚠ WARNING! If a fuse blows, ensure it is replaced with an identical fuse type and rating.

✓ When not in use, store the panel dryer carefully in a safe, dry, childproof location.

2. INTRODUCTION

The ML2300 Infra-red Panel Dryer is fitted with six 230V/250W IR screw-in lamps, giving an output of 1.5kW. The heating period is controlled by a timer which can be set for up to 30 minutes. The lamp panel is adjustable for angle and height and the dryer is mounted on four castor wheels for stability and ease of movement.

3. ASSEMBLY

Unpack the product and check contents against the list below. Also check that the product has an identification plate or label. If label or parts are damaged or missing contact your supplier immediately.

- a) Lamp Panel complete c) Bag of screws, washers and nuts
b) Base with castors d) Upright (boxed separately)

- 3.1. Attach upright (16) to base (12) using screws, washers and nuts provided.
3.2. Remove knob (3), clamp plate (9) and friction plate (8) from panel support (13). Position panel with support stud between tubes of post and refit friction plate, clamp plate and knob. Tighten knob and confirm panel is firmly clamped to post.

Note: Numbers in brackets are the item numbers as shown on the attached parts diagram.

4. OPERATION

Note: The IR lamps are fragile and therefore it is important that the ML2250 is not subjected to any unnecessary shocks or vibration and is not moved when the lamps are on.

WARNING! Ensure you have read, understood and applied the safety instructions in Section 1 before using the panel dryer.

- 4.1. Allow a 4 - 5 minute 'flash-off' period for excess solvent to evaporate before close positioning of lamp to panel - solvent boil or popping may occur if panel temperature is raised too rapidly. Remove, or otherwise protect any trim items on, or adjacent to, the panel to prevent possible distortion.
4.2. Position the lamp panel parallel to the painted panel using the angle and height adjustments, ensuring that the knobs (2 & 3) have been firmly tightened when the desired position has been achieved.
4.3. Paint-to-lamp distance and heating time are dependent on a number of factors including paint type and workshop conditions and are best based on experience, however guidelines are as follows:

Time (min.) Distance (mm)	Synthetic Filler 15 - 20 400 - 450	Compressed Air Sprayed Filler 10 - 15 500 - 600	Nitro Filler 10 - 15 600 - 700
Time (min.) Distance (mm)	Synthetic Primer 8 - 10 400 - 450	Compressed Air Sprayed Primer 5 - 7 500 - 600	Nitro Primer 3 - 5 600 - 700
Time (min.) Distance (mm)	Synthetic Paint 8 - 10 400 - 450	Compressed Air Sprayed Paint 5 - 7 500 - 600	Nitro Paint 3 - 5 600 - 700

Important: Excessive drying time will burn the paint and may distort panel.

- 4.4. Set the required heating time on the timer, plug into the mains socket and switch on. The amber warning light is illuminated when electrical power is applied to the unit.
4.5. When the heating period is over switch off at socket and then remove dryer plug.
4.6. Allow lamps and lamp panel to cool before moving the panel dryer to a safe, dry, childproof storage area.

Declaration of Conformity We, the sole UK importer, declare that the product listed below is in conformity with the following standards and directives.

INFRA-RED PANEL DRYER

Model: ML2250

73/23/EEC LV Directive (SI 1989/728)

89/336/EEC EMC Directive (SI 1992/2372)

93/68/EEC CE Marking Directive



The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.

Signed by Mark Sweetman

8th September 1999

For Jack Sealey Ltd. Sole UK importer of Sealey Power Products.

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 call us on 01284 757525 and leave your full name and address, including postcode.



Sole UK Distributor
Sealey Group,
Bury St. Edmunds, Suffolk.



01284 757500



01284 703534

E-mail: sales@sealey.co.uk

Web: www.sealey.co.uk