

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.

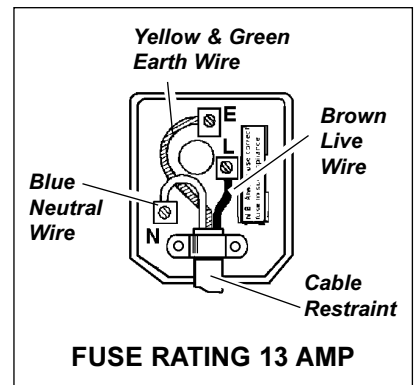
**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP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

## 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. 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 1.5mm<sup>2</sup>, 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 2.5mm<sup>2</sup> section cable.

### 1.2. GENERAL SAFETY INSTRUCTIONS

- WARNING!** If a fuse blows, ensure it is replaced with a fuse of identical type and rating.
- WARNING!** The lamp emits an intense white light, ensure there is nobody in front of the lamp when it is switched on.
- ✓ Disconnect the panel dryer from the power supply before servicing, changing accessories, or performing any maintenance.
- ✓ Ensure that the panel dryer is in good condition before use. If in any doubt do not use the unit and contact an electrician.
- ✓ When not in use, store the panel dryer carefully in a safe, dry, childproof location.
- ✓ Familiarise yourself with the application and limitations of the panel dryer.
- ✓ 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 work area.
- ✓ Remember that the lamp panel will get hot, allow to cool after use.
- ✓ Maintain the panel dryer in good condition. Use authorised agent for servicing.
- ✓ Keep the dryer clean, but **DO NOT** use solvents.
- ✓ Use only genuine parts and accessories. *Unauthorised parts and accessories may be dangerous and will invalidate your warranty.*
- x **DO NOT** use this product to perform a task for which it has not been designed.
- 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.



## 2. INTRODUCTION

The ML1500P.V2 is a portable heater with timer suitable for the drying of small repair areas. It has a medium wave strip type emitter which utilises a very narrow bandwidth of energy resulting in more effective panel heating and reduced drying times.

### 3. OPERATION

**Note:** The IR lamp is fragile and therefore it is important that the ML1500P.V2 is not subjected to any unnecessary shocks or vibration and is not moved when the lamp is on.

**WARNING! Ensure that you read, understand and apply the safety instructions in Section 1 before using the panel dryer.**

**WARNING! Ensure that the foam rubber lamp protectors have been removed before switching on the dryer.**

3.1. Allow a 4 - 5 minute 'flash-off' period for excess solvent to evaporate before close positioning of dryer to panel - solvent boil or popping may occur if the panel temperature is raised too rapidly. Remove, or otherwise protect, any trim items on, or adjacent to, the panel to prevent possible distortion.

3.2. Position the lamp approximately 500mm from the panel.

3.3. 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:

Material	Drying Time	Distance
Polyester stopper	08 - 12mins	600 - 700mm
MS primer	15 - 18mins	500 - 600mm
Water-based filler paint	15 - 18mins	500 - 600mm
Finishing paint	18 - 25mins	400 - 500mm

3.4 **ON/OFF switch.** To switch the unit on operate the green rocker switch on the rear of the unit. The 'O' symbol is the 'OFF' position and the 'I' symbol is the 'ON' position.

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

3.4. When the heating period is over switch off at socket and then remove dryer plug.

3.5. Allow the dryer to cool before moving it to a safe, dry, childproof storage area.

### 4. MAINTENANCE

**WARNING!** Disconnect the panel dryer from the power supply before servicing, changing accessories, or performing any maintenance.

#### 4.1. Filament Replacement

4.1.1. Ensure that the panel dryer is disconnected from the power supply.

4.1.2. Undo the handle retaining bolts and remove the handle.

4.1.3. Undo the screws and remove both end panels.

4.1.4. Unscrew the nut, remove the nut and washer from the terminal post and lift off the lamp connection. Repeat on second terminal post.

4.1.5. Slide out the lamp filament, remove and retain the ceramic sleeving.

4.1.6. Fit the ceramic sleeving to the new lamp filament.

4.1.7. Secure each end of the lamp connection to the terminal posts using the washer and nut.

4.1.8. Refit the end panels and the handle assembly.

### 5. SPARES

QUARTZ ELEMENT 1000W 14" .....PART NO.344/MNL-05

### 6. DECLARATION OF CONFORMITY

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

#### MEDIUM WAVE PANEL DRYER

**Model: ML1500P.V2**

73/23/EEC LV Directive

89/336/EEC EMC Directive

93/68/EEC CE Marking Directive



The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Mark Sweetman

10th April 2003

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 and promotions 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

www.sealey.co.uk