

Sealey RD2500

Sealey RD2500 Oil Filled Radiator User Manual

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation of your Sealey RD2500 Oil Filled Radiator. Please read these instructions carefully before use and retain them for future reference.

The Sealey RD2500 is an oil-filled radiator designed for heating spaces such as offices, homes, showrooms, and workshops. It is manufactured to rigorous standards and incorporates features for user safety and comfort.

Key Features:

- Integrated safety tip-over switch for enhanced safety.
- Full thermostatic heat control, automatically adjusting power to maintain a preset temperature.
- Elements designed to maximize heated surface area for efficient heat transfer.
- Equipped with castors for easy mobility.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or personal injury.

- Always ensure the radiator is placed on a stable, level surface to prevent tipping. The integrated tip-over switch will automatically shut off the unit if it is knocked over.
- Do not cover the radiator. Covering can lead to overheating and fire hazards. Maintain adequate clearance around the unit.
- Keep the radiator away from water or damp environments. Do not operate with wet hands.
- Ensure the power supply voltage matches the rating on the radiator's label (230V).
- Do not use this radiator in bathrooms, laundry areas, or similar indoor locations where it may come into contact with water.
- Keep children and pets away from the radiator, especially when it is operating, as surfaces can become hot.
- Do not route the power cord under carpeting or cover it with throw rugs, runners, or similar coverings. Position the cord away from traffic areas where it will not be tripped over.

- Unplug the radiator from the outlet when not in use or before cleaning.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.

3. PRODUCT COMPONENTS

The Sealey RD2500 Oil Filled Radiator consists of the following main components:

- **Heating Elements:** 11 oil-filled fins for heat distribution.
- **Control Panel:** Houses the power switches and thermostat dial.
- **Thermostat Dial:** For adjusting the desired room temperature.
- **Power Switches:** Control the heat output settings (I, II).
- **Castors:** Wheels for easy movement of the unit.
- **Power Cord and Plug:** For connecting to an electrical outlet.



Figure 3.1: Front view of the Sealey RD2500 Oil Filled Radiator, showing the heating elements, control panel, and castors.



Figure 3.2: Detail of the power switches (I and II) on the control panel.



Figure 3.3: Detail of the thermostat dial, ranging from LOW to HIGH settings.

4. SETUP AND ASSEMBLY

Follow these steps to prepare your radiator for use:

1. **Unpack:** Carefully remove the radiator from its packaging. Retain packaging for storage if needed.
2. **Attach Castors:** The radiator is supplied with castors for mobility. Turn the radiator upside down. Attach the castor assemblies to the base of the radiator using the provided screws or clips, ensuring they are securely fastened. Return the radiator to an upright position.
3. **Placement:** Place the radiator on a firm, level surface. Ensure there is at least 50cm (20 inches) clearance from walls, furniture, and curtains to allow for proper heat circulation and prevent fire hazards. Do not place the radiator directly below a power outlet.
4. **Power Connection:** Ensure the radiator is switched off (all power switches in the '0' position) before plugging it into a suitable 230V electrical outlet.



Figure 4.1: The Sealey RD2500 radiator positioned in a room, demonstrating appropriate clearance from furniture.

5. OPERATING INSTRUCTIONS

To operate your Sealey RD2500 Oil Filled Radiator:

1. **Plug In:** Ensure the radiator is securely plugged into a grounded 230V electrical outlet.
2. **Set Thermostat:** Turn the thermostat dial to the maximum ('HIGH') setting. This will allow the radiator to begin heating immediately.
3. **Select Heat Output:** Use the power switches (I and II) to select the desired heat output:
 - Switch 'I' ON: Low heat setting.
 - Switch 'II' ON: Medium heat setting.
 - Both 'I' and 'II' ON: High heat setting (2500W).
4. **Adjust Thermostat:** Once the room reaches your desired temperature, slowly turn the thermostat dial counter-clockwise until you hear a click. The radiator will now cycle on and off to maintain this temperature. If the room temperature drops, the radiator will automatically turn on. If it rises, it will turn off.
5. **Switching Off:** To turn off the radiator, switch both power switches (I and II) to the '0' position and then unplug the unit from the wall outlet.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your radiator.

- **Cleaning:** Always unplug the radiator and allow it to cool completely before cleaning. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish. Ensure no water enters the internal components.
- **Storage:** If storing the radiator for an extended period, ensure it is clean and dry. Coil the power cord neatly. Store the unit in a cool, dry place, preferably in its original packaging, to protect it from dust and damage.
- **Inspection:** Periodically inspect the power cord and plug for any signs of damage. If damage is found, do not use the radiator and contact a qualified service technician.

7. TROUBLESHOOTING

If you encounter issues with your Sealey RD2500 radiator, refer to the table below:

Problem	Possible Cause	Solution
Radiator does not turn on.	No power supply. Thermostat set too low. Tip-over switch activated.	Check if plugged in and outlet is working. Turn thermostat to a higher setting. Ensure radiator is upright on a stable surface.
Radiator is not heating sufficiently.	Heat output setting too low. Thermostat set too low. Room is too large for the heater.	Select a higher heat output (both switches ON). Increase the thermostat setting. Consider using additional heating or a more powerful unit for larger spaces.
Radiator emits unusual noise or smell.	New unit (initial smell). Internal fault.	A slight odor is normal for new heaters during first use; it should dissipate quickly. If noise or smell persists or is strong, unplug immediately and contact customer support.
Radiator repeatedly turns off.	Overheating protection activated. Tip-over switch activated.	Ensure radiator is not covered and has adequate ventilation. Allow to cool before restarting. Ensure radiator is upright on a stable surface.

If the problem persists after attempting these solutions, please contact Sealey customer support.

8. TECHNICAL SPECIFICATIONS

Below are the technical specifications for the Sealey RD2500 Oil Filled Radiator:

Feature	Specification
Brand	Sealey
Model	RD2500
Special Feature	Oil-filled
Color	White
Form Factor	Pedestal
Indoor/Outdoor Usage	Indoor
Product Dimensions (D x W x H)	18.9" x 9.45" x 24.57"
Recommended Uses	Home, Office, Workshop
Mounting Type	Floor Mount

Feature	Specification
Fuel Type	Electric
Voltage	230 Volts
Amperage	10.87 Amps
Max Power Output	2500 Watts
Item Weight	26.5 pounds
Number of Elements	11



Figure 8.1: The Sealey RD2500 is ErP Compliant, indicating energy efficiency standards.





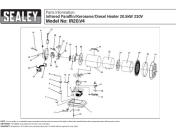

9. WARRANTY AND CUSTOMER SUPPORT

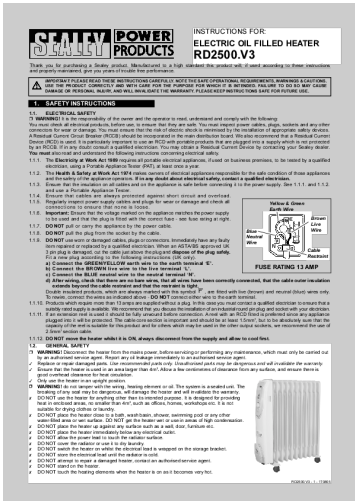
Sealey products are manufactured to high standards and are backed by a commitment to quality.



Figure 9.1: Sealey offers a Lifetime Guarantee on certain products. Please refer to Sealey's official website for specific terms and conditions.

For warranty claims, technical assistance, or to purchase replacement parts, please contact Sealey customer support directly. Refer to the official Sealey website or your purchase documentation for contact details.

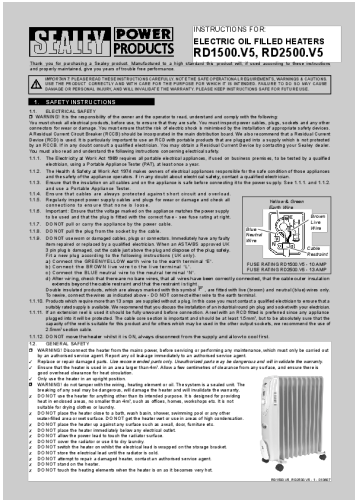
	<p>Sealey IR55 Infrared Paraffin/Kerosene/Diesel Heater 45.5kW 230V User Manual</p> <p>Comprehensive user manual for the Sealey IR55 45.5kW Infrared Heater. Includes safety instructions, specifications, operating procedures, maintenance, and troubleshooting for paraffin, kerosene, and diesel fuels.</p>
	<p>Sealey IR55 Infrared Paraffin/Kerosene/Diesel Heater 45.5kW 230V User Manual & Safety Instructions</p> <p>Comprehensive user manual and safety instructions for the Sealey IR55 Infrared Paraffin/Kerosene/Diesel Heater (45.5kW, 230V). Covers safety, operation, maintenance, troubleshooting, and specifications for professional use.</p>
	<p>Sealey IR55 45.5kW Infrared Diesel/Paraffin Heater User Manual</p> <p>Comprehensive user manual for the Sealey IR55 45.5kW Infrared Heater. Includes safety instructions, specifications, operating procedures, maintenance guidelines, and troubleshooting for paraffin, kerosene, and diesel fuels.</p>
	<p>Sealey IR55.V2 45.5kW Infrared Paraffin/Kerosene/Diesel Heater User Manual</p> <p>Comprehensive user manual for the Sealey IR55.V2 45.5kW infrared heater. Covers safety, specifications, operation, maintenance, and troubleshooting for paraffin, kerosene, and diesel fuels.</p>
	<p>Sealey IR20.V4 Infrared Heater Parts Information</p> <p>Detailed parts list and diagram for the Sealey IR20.V4 Infrared Paraffin/Kerosene/Diesel Heater 20.5kW 230V.</p>
	<p>Sealey LP14 Infrared Gas Heater: User Manual and Safety Instructions</p> <p>Comprehensive user manual and safety instructions for the Sealey LP14 propane-fired infrared gas heater. Includes assembly, operation, safety warnings, and specifications for commercial applications.</p>



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RD2500 V3 Index of SealeyData Instructions photos haightradingukltd co uk |||

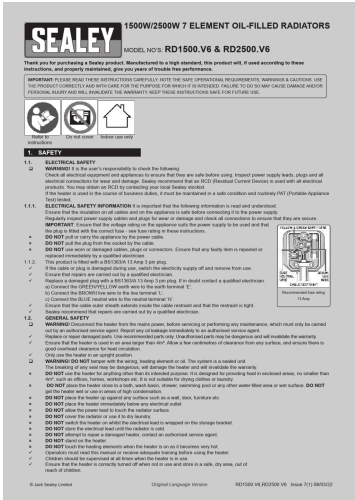
INSTRUCTIONS FOR: ELECTRIC OIL FILLED HEATER **RD2500.V3** Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance. IMPORTANT: PLEASE READ THESE INSTRUCTIONS ... lang:en **score:44** filesize: 855.86 K page_count: 2 document date: 2005-08-19



[pdf] Instructions Warranty

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INSTRUCTIONS FOR: ELECTRIC OIL FILLED HEATERS RD1500.V5, **RD2500.V5** 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 I... lang:en **score:44** filesize: 694.97 K page_count: 2 document date: 2007-06-07

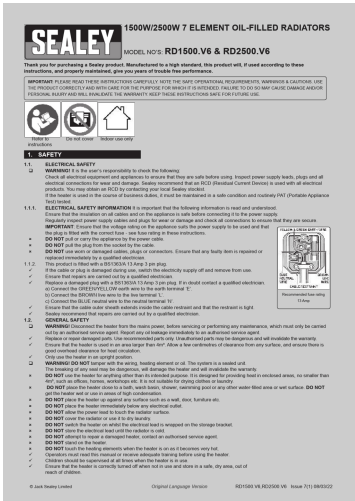


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MODEL NO S RD1500 V6 RD2500 Instructions 20220308 7 DFC1148813 photos haightradingukltd co uk

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1500W/2500W 7 ELEMENT OIL-FILLED RADIATORS MODEL NO S: RD1500.V6 **RD2500.V6** 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 ... lang:en **score:42** filesize: 861.78 K page_count: 4 document date: 2022-03-08



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Instructions Sealey RD1500 Oil Filled Radiator 1500W 230V 7 Element Workshoping co uk V6

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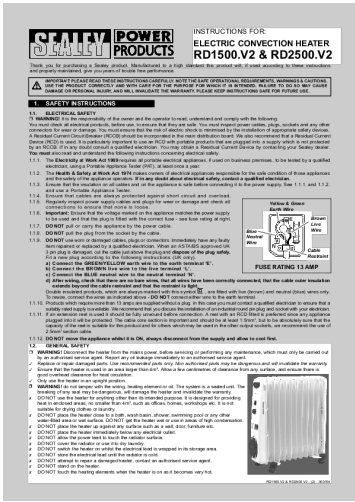
1500W/2500W 7 ELEMENT OIL-FILLED RADIATORS MODEL NO S: RD1500.V6

RD2500.V6 Thank you for purchasing a Sealey product. Manufactured to a high

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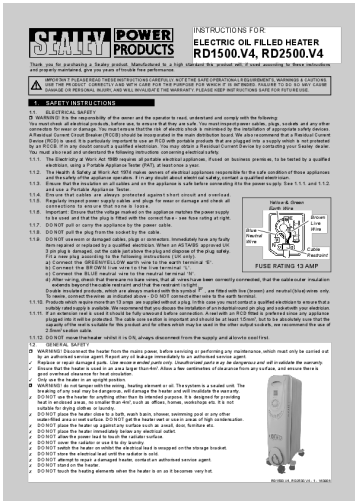
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Thank you for purchasing a Sealey product. Manufactured to a high standard this

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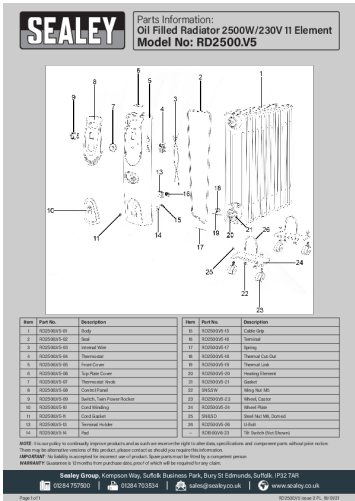
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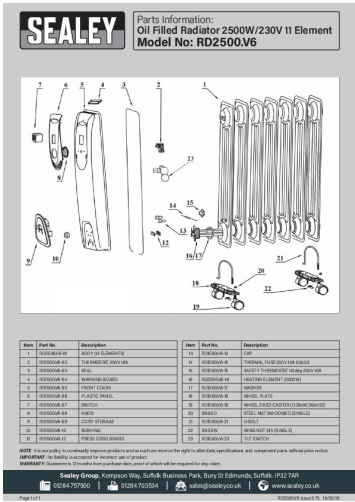
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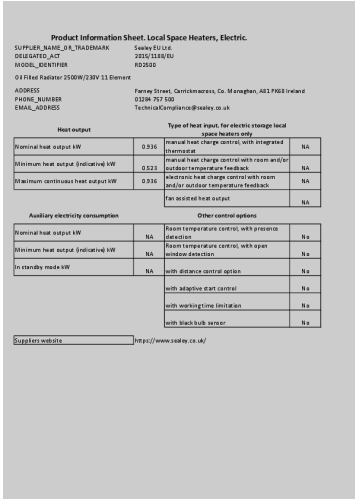
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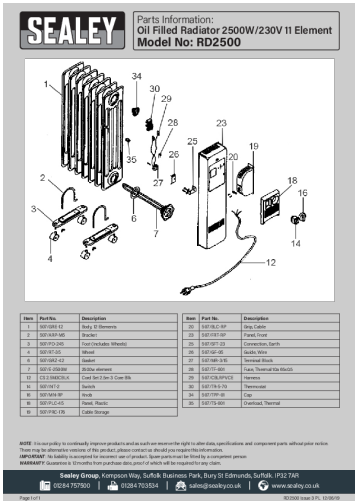
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[pdf] User Manual Datasheet Warranty

Dan Willis Product Data Sheet 2500W 11 Element Oil Filled Radiator RD2500 1 Year Warranty Sealey v6
Information 20211109 DFC1073502 ASSETS SEALEYB2B CO UK EnergyEfficiency InfoSheet |||
Product Information Sheet. Local Space Heaters, Electric.
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2015/1188/EU MODEL_IDENTIFIER **RD2500** Oil Filled Radiator 2500W/230V 11
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Carrickmacross, Co. Monaghan, A81 PK68 Ireland 0...
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507/RT-35 507/GRZ-42 507/E-2500W CS 2.5M3CBLK 507/INT-2 507/MN-RP

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Whe...

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[pdf] Datasheet Safety Datasheet Warranty

Dan Willis Safety Data Sheet Sealey RD2500 Oil Filled Radiator 2500W 230V 11 Element workshoping

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baxım — Yağla dolu radiator element Part Number RD2500Radiatorlar RD2500Sealey 24 Hour Timer

BiGDUGIndex of SealeyData MSDSSealey Rapid ElectronicsOil Anvil Tool2500W 1 Year Warranty

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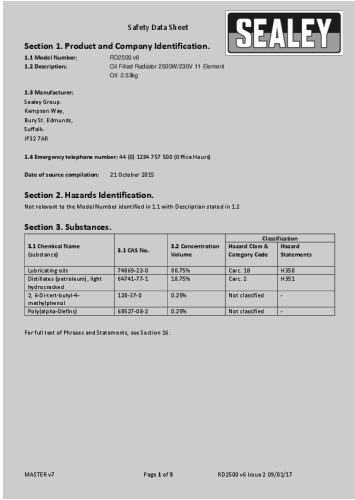
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1.2 Description; **RD2500** v6 Oil Filled Radiator 2500W/230V 11 Element Oil: 2.53kg

1.3 Manufacturer; Sealey Group. Kempson Way, Bury St. Edmunds, Suffolk. IP32

7AR 1.4 Emergency telephone number; 44 0 1284 757 50...

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Parts Diagram265 KB Oil Filled Radiator 2500W 230V 11 Element Anvil Tool RD2500 V6 Diagram

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Parts Information: Oil Filled Radiator 2500W/230V 11 Element Model No:**RD2500.V6**

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RD1500.V6-05 6 RD1500.V6-06 7 RD1500.V6-07 8 RD1500.V6-08 9 RD1500.V6-09

10 RD1500.V6-10 12 RD1500.V6-12 Description Body Thermostat Seal War...

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[\[pdf\]](#) Instructions Warranty

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INSTRUCTIONS FOR: ELECTRIC CONVECTION HEATER RD1500.V2 **RD2500.V2**

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 I...

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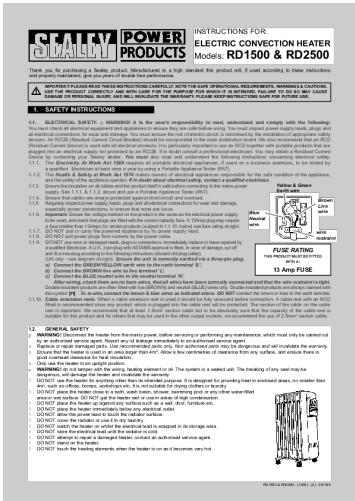
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I thank you for purchasing a Sealey product. Manufactured to a high standard

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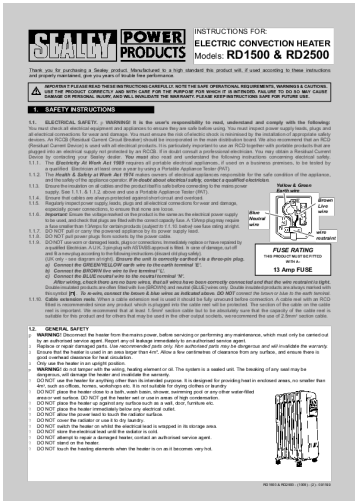
INSTRUCTIONS FOR: ELECTRIC CONVECTION HEATER Models: RD1500

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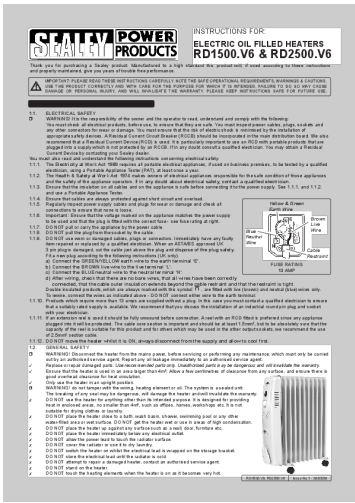
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RD2500 Thank you for purchasing a Sealey product. Manufactured to a high standard

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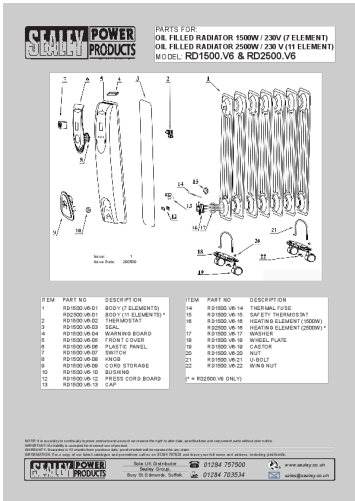
Instructions for: ELECTRIC OIL FILLED HEATERS RD1500.V6 **rd2500.v6** Thank you

for purchasing a Seale ... ter. DO NOT touch the heating elements when the heater is

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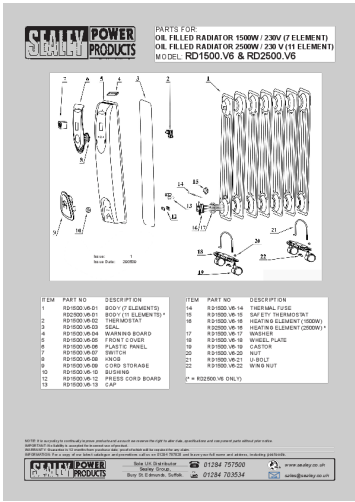


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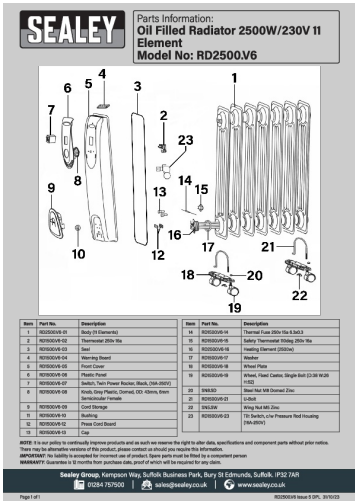


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[pdf] Diagram

Parts Diagram s for the Sealey RD2500 Oil Filled Radiator 2500W 230V 11 Element REFURBISHED GRADE A » Product rd2500 v6 parts diagram 20231031 5 dfc1507324 sitebox ltd uk docs sealey |||

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