

WELDY HT1600

WELDY HT 1600 Hot Air Gun Heating Element User Manual

Model: 123.895 (120V, 1550W)

INTRODUCTION

This document provides instructions for the WELDY HT 1600 Hot Air Gun Heating Element, model 123.895. This 120V, 1550W heating element is designed as a replacement part for WELDY HT1600 hot air guns and is also compatible with LEISTER TRIAC ST and AT hot air plastic welder guns. Please read this manual carefully before installation and use to ensure safe and efficient operation.

SAFETY INFORMATION

- Always disconnect the hot air gun from the power supply before attempting any installation, maintenance, or repair.
- Allow the hot air gun and heating element to cool completely before handling to prevent burns.
- Wear appropriate personal protective equipment (PPE), such as heat-resistant gloves and eye protection, when working with hot air tools.
- Ensure the work area is well-ventilated.
- Do not operate the hot air gun if the heating element or any other component is damaged.

SETUP AND INSTALLATION

This section details the process of replacing the heating element in your hot air gun. Refer to the diagram below for visual guidance.



Image: Installation and Maintenance Diagram. This diagram illustrates the steps for replacing the heating element and cleaning the air filter in a hot air gun.

1. **Preparation:** Ensure the hot air gun is unplugged and completely cool.
2. **Remove Nozzle:** Carefully unscrew or detach the hot air nozzle from the gun (Step 1 in diagram).
3. **Extract Old Element:** Gently pull out the old heating element from the gun's housing (Steps 2-4 in diagram). Note its orientation.
4. **Insert New Element:** Align the new WELDY HT 1600 heating element (model 123.895) with the internal connections and carefully push it into place (Steps 5-7 in diagram). Ensure it is seated firmly.
5. **Reattach Nozzle:** Securely reattach the hot air nozzle to the gun (Step 8 in diagram).



Suit for WELDY HT1600



Suit for LEISTER TRIAC ST and AT

Image: WELDY HT 1600 Heating Element. This image displays the heating element alongside examples of compatible hot air guns, including the WELDY HT1600 and LEISTER TRIAC ST/AT models.



Image: Heating Element Detail. A close-up view of the WELDY HT 1600 heating element, showing its ceramic construction and electrical contacts.

OPERATING INSTRUCTIONS

The WELDY HT 1600 heating element functions as an internal component of your hot air gun. Once correctly installed, its operation is controlled by the hot air gun itself. For detailed instructions on how to operate your specific hot air gun model, including power settings, temperature control, and airflow adjustments, please refer to the user manual provided with your WELDY HT1600 or LEISTER TRIAC ST/AT hot air tool.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your hot air gun and heating

element.

Cleaning the Air Filter

The air filter prevents dust and debris from entering the hot air gun, which can affect performance and heating element life. Refer to the diagram in the 'Setup and Installation' section for visual steps.

1. **Disconnect Power:** Ensure the hot air gun is unplugged and cool.
2. **Locate Filter:** Identify the air filter, typically located at the rear or base of the hot air gun.
3. **Remove Filter:** Carefully remove the air filter (refer to the 'Cleaning air filter' section in the diagram).
4. **Clean Filter:** Clean the filter using compressed air or by gently tapping it to remove accumulated dust. If heavily soiled, it may be washed with mild soap and water, ensuring it is completely dry before reinstallation.
5. **Reinstall Filter:** Place the clean filter back into its housing.

General Inspection

- Periodically inspect the heating element for any visible signs of damage, such as cracks in the ceramic or bent terminals.
- Ensure the air intake and exhaust vents of the hot air gun are clear of any obstructions to allow for proper airflow and prevent overheating.

TROUBLESHOOTING

If your hot air gun is not performing as expected after installing the new heating element, consider the following:

- **No Heat Output:**
 - Check if the hot air gun is properly plugged into a functioning power outlet.
 - Verify that the heating element is correctly seated and its terminals make proper contact.
 - Inspect the heating element for any visible damage. A damaged element will need replacement.
- **Reduced Airflow:**
 - Clean the air filter as described in the 'Maintenance' section.
 - Ensure no debris is blocking the air intake or exhaust vents of the hot air gun.

If issues persist after performing these checks, it may indicate a problem with the hot air gun itself or a faulty heating element. Contact WELDY customer support for further assistance.

SPECIFICATIONS

Manufacturer	WELDY
Part Number	HT1600
Item Model Number	HT1600
Heating Element Model	123.895
Voltage	120V
Power	1550W

Item Weight	5.6 ounces
Package Dimensions	6.3 x 3.03 x 1.85 inches
Included Components	Heating core



Image: Product Packaging. The heating element shown in its retail packaging, displaying model number 123.895 and power specifications (120V / 1550W). Barcode: 7612733250657.

WARRANTY INFORMATION

Specific warranty details for the WELDY HT 1600 Heating Element are not provided in this manual. For information regarding product warranty, please refer to your original purchase documentation or contact WELDY customer support directly.

SUPPORT

For technical assistance, product inquiries, or to report any issues, please contact WELDY customer support. Contact information can typically be found on the WELDY official website or on the product packaging.