



Description

American Beauty heavy-duty irons are ideal for heavy soldering jobs and production-line environments. Created by compression winding a special Ni-Chrome heating alloy onto a steel spool, all elements demonstrate an unsurpassed heat capacity and outstanding durability. Protective casings cut from a single block of steel are strengthened with multiple heat treatments and precision brazed for optimal strength and efficiency.

Related Products

The following products are related (similar model but different specifications, etc.) to Model 3158X-250 featured on this page:

Model	Product Name
3158-200	200 Watt, 5/8" Heavy-Duty Soldering Iron
CS-58KIT	Soldering Iron Maintenance Kit for 5/8" Irons

Replacement Products

The following products can be used as replacements for Model 3158X-250 featured on this page:

Model	Product Name
3919	Replacement Handle/Cord set for Heavy-Duty Irons
44C	Chisel Style Soldering Tip
44D	Diamond Style Soldering Tip
44S	Screwdriver Style Soldering Tip
9275X-250	Replacement 250 Watt Compression-Wound Heating Element

Applications

Users of this product have stated that they use it for several jobs which include but are not limited to:

1. Soldering cables & electrical harnesses for aerospace sector
2. Branding lettering on parts
3. Soldering stained glass on professional level and volume
4. Soldering heavy leads onto PC board

Technical Specifications

Maximum Temperature	1000 °F / 537.78°C
Available in 220-240VAC?	Yes
Standard Tip Style	Diamond
Tip Diameter	5/8 in / 12.70 cm
Product Length	14 in / 35.56 cm
RoHS Compliant	Yes
Wattage	250 watts
Country of Origin	US
Package Length	16.25 in / 41.28 cm
Package Width	3.00 in / 7.62 cm
Package Height	3.00 in / 7.62 cm
Shipping Weight	2.45 lbs / 1.11 kg

User Information and Instruction Sheet

Other Product Data Sheets

Features and Benefits

Ni-Chrome Compression Wound Heating Elements are proven to be the most reliable heating element for maintaining soldering temperature in production environments.

Paragon Iron-Clad Lead-Free Soldering Iron Tips consistently outperform and outlast ordinary soldering iron tips many times over. **Plug-style tip design** provides for superior heat transfer and easy cleaning.

Hardwood handle provides superior thermal and electrical insulating properties and durability.

Modular construction allows for easy replacement of consumable parts allowing for tools to last for generations.