

Part#: 30WHG1



Part#	Description	Temperature Range	Amps at 120V	#/Case
30WHG1	Heat Gun	250 to 1000 F	5/10	1/Box

Application

Heating temperature sensitive material, bending/forming plastics, curing resins, drying filler, soldering/deoldering, shrink tubing



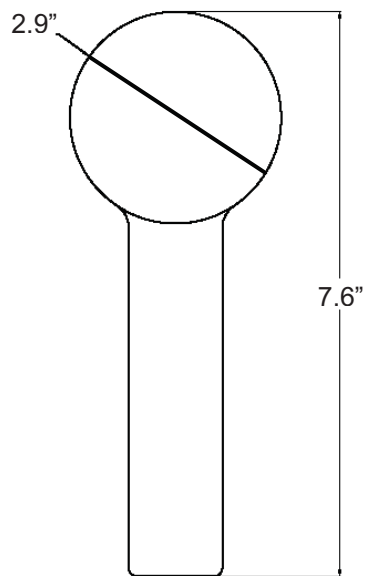
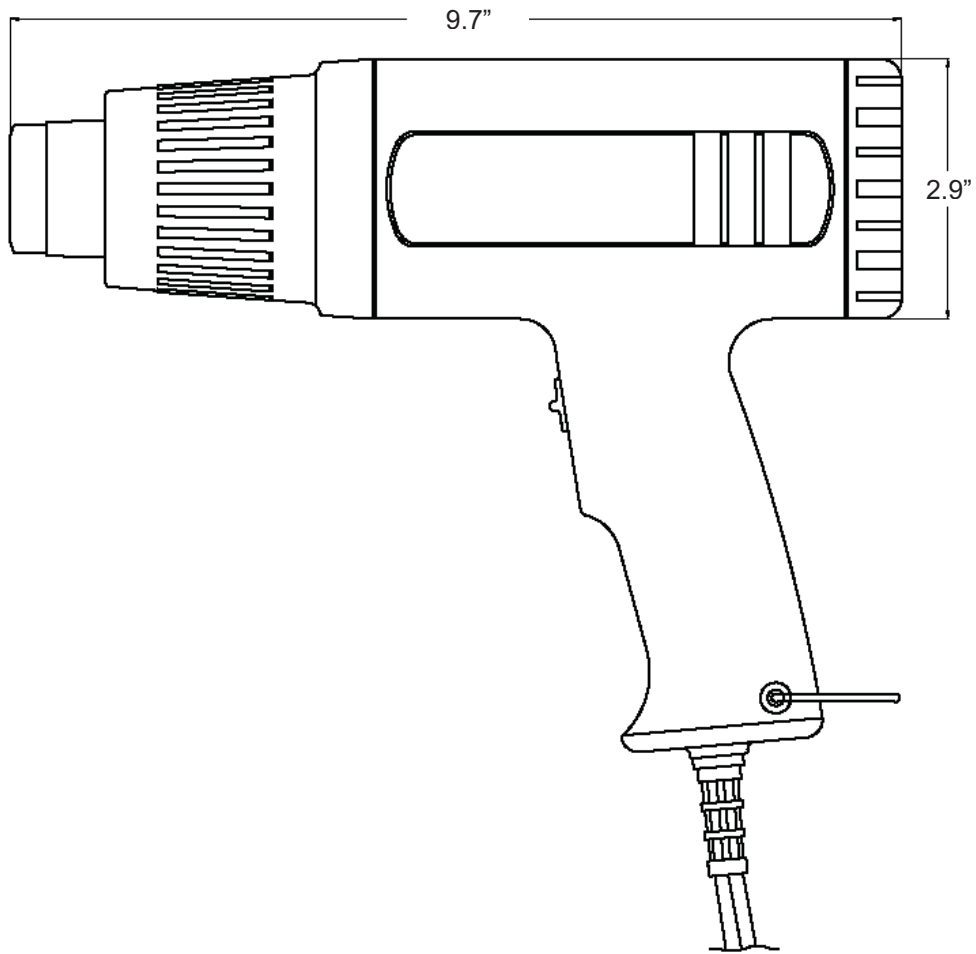
Supplied By: **The Cary Company**
Ph: 630-629-6600
www.thecarycompany.com

4.0 PRODUCT REQUIREMENTS:

4.1 Key Product Attributes for Heat Gun

- Break Resistant Mica Composite Heating Elements
- Polycarbonate Housing
- Impact Resistant
- Built-In Stand
- Lightweight
- Rated for Continuous Duty

4.2 Properties / Performance / Reliability	Requirements for Heat Gun
Air Output Temperature Range in °F	250°F - 1000°F
Electrical Ratings – Voltage, Phase, & Frequency	120 / 1PH / 60HZ
Wattage Rating	1200
Amperage Rating	5 / 10
Temperature Control	Variable Rotary Control
Electrical Control Switch	3-Position, OFF – LOW - HIGH
Air Velocity (FPM)	500 / 800
Air Volume (CFM)	5 / 9
Heating Element Material	Mica Composite Heating Elements With Alloy of Iron, Chromium, & Aluminum for the Element Wire
Housing Material	Polycarbonate
Product Design	Double Insulated
Motor Type	Universal
Motor Speeds	2
Line Cord & Plug Type	18 AWGX2C , 1-15P, With Strain Relief (18 Gauge, 2 Conductor, Polarized Plug End)
Line Cord Length Inches (+ 6) (- 0)	72
Stand	Built-In
Nozzle Accessory Compatibility (Accessories Included with 4HWK2 Only)	Compatible with the following: 4HWK8 – 7/8” Heat Concentrator 4HWK9 – 3/8” Heat Concentrator 4HWL1 – Heat Shrink Reflector 4HWL2 – 3.0” Wide Heat Spreader
Product Dimensional Data L x W x H (Inches ± 0.25)	9.7 x 2.9 x 7.6 See Reference Drawings
Net Weight in Lbs. ± 0.3	1.6



Dimensional Reference Drawings (Inches)


4.3 Materials / Construction	Requirement
Major Materials of Construction	<ol style="list-style-type: none"> 1. Polycarbonate 2. PVC 3. Alloy of Iron, Chromium, & Aluminum 4. Cooper 5. Steel

4.4 Finish / Color	Requirement
All Surface Finishes	<ol style="list-style-type: none"> a) Surface finishes must be uniform and continuous. The surface finish must not exhibit any visual defects such as blisters, rust, corrosion, scratches, peeling, bubbles, and/or cracking. b) All exposed surfaces must be free of burrs and sharp edges. c) All applied finishes must adhere to the surface and show no signs of delamination or peeling. d) All painted or coated surface finishes must be lead-free.
Color	Blue

4.5 Labels or Printing Applied to Product	Requirement
Appearance of all Labels and/or Printing	All labels must be applied straight and even without any air-bubbles or creases. The labels must adhere uniformly to the surface. Any surface printing must be permanent and legible without pinholes, smearing, or other such defects that would render the print unreadable.

4.6 Product Packaging	Requirement
<p>Product Packaging (including Master Pack, Inner Pack, and Sell Pack): Ship Test Integrity & Durability</p> <p>See Section 2.2 of the GGS Supplier Handbook for General Shipping & Packaging Requirements</p>	<ol style="list-style-type: none"> a) All products must be securely packaged in such a manner as to pass the ISTA 1A or 1B (refer to www.ista.org) shock/drop test or other GGS Engineering defined tests as outlined in this specification. These tests simulate repeated product handling and shipping by sea, air, rail and truck. b) The product must be packaged and protected as necessary to prevent any shipping damage that may be incurred by abrasion, corrosion, humidity, vibration and/or shock. c) Upon receipt at GGS, all packaging must be intact and all product components must remain functional and firmly attached to the product as when the unit was originally built. There shall be no evidence of breakage, scratches, burnishing, rust, corrosion and/or dents.
Special Packaging Requirements	

5.0 ACCESSORIES TO BE INCLUDED WITH THE PRODUCT:

Description	Quantity / Notes
4HWK1	(1) Instruction Manual Only
4HWK2	<p>(1) Instruction Manual, (1) Plastic Storage Case, & (4) Accessory Nozzles Shown Below.</p> 

6.0 AGENCY CERTIFICATION & REGULATORY COMPLIANCE:

6.1 Agency Certification	Requirement
UL & CUL Listed Product	Standard Used for Certification is ANSI/UL499, "Electric Heating Appliances"

6.2 Regulatory Compliance	Requirement
Product must meet all applicable US Federal and State rules, bans, standards and regulations such as, CPSC (see below), California Prop 65, RoHS, etc.	<ul style="list-style-type: none"> • Proof of agency certification must be submitted to the GGS Compliance Department prior to each shipment. Email certifications to www.ggscompliance@grainger.com .
Consumer Product Safety Commission, CPSC	<ul style="list-style-type: none"> • List all CPSC required standards (Remove if not applicable) • Proof of agency certification must be submitted to the GGS Compliance Department prior to each shipment. Email certifications to www.ggscompliance@grainger.com .
In addition to meeting all applicable US Federal and State regulations, supplier must notify the GGS Compliance Department if the product contains lead or lead compounds, nickel, mercury, cadmium, hexavalent chromium, phthalates, asbestos, brass, bronze, or any other controlled substance.	<ul style="list-style-type: none"> • Contact GGS Compliance Department prior to shipment. • Email notification to ggscompliance@grainger.com.

-----INFORMATION BELOW FOR INTERNAL AND SUPPLIER USE ONLY -----

Refer to the GGS Supplier Handbook for specific information regarding bar code labels and packaging. The GGS Supplier Handbook can be found on the GGS Supplier Connect Website, located at www.supplierconnect.com/ggs/.

7.0 BAR CODE LABELS:

7.1 Bar Code Label Data	Requirement
Bar Code Label Format	<ul style="list-style-type: none"> • All barcode labels must meet the requirements outlined in Section 2.5 of the GGS Supplier Handbook and must be approved by GGS PTIS prior to the initial shipment. Suppliers should contact their local GGS Procurement representative for assistance.
Master Pack Bar Code Labels	<ul style="list-style-type: none"> • Master Pack bar code labels must indicate the actual quantity of product packaged within the Master Pack. • Refer to Section 2.6 of the GGS Supplier Handbook; GGS Master Pack: General Carton Markings and Bar Code Label Requirements
Inner Pack Bar Code Labels	<ul style="list-style-type: none"> • Inner Pack bar code labels must indicate the actual quantity of product packaged within the Inner Pack. • Refer to Section 2.7 of the GGS Supplier Handbook; GGS Inner (Ship) Pack: Bar Code Label Requirements
Sell Pack Bar Code Labels	<ul style="list-style-type: none"> • Sell Pack bar code labels must indicate the actual quantity of product packaged within the Sell Pack. • Refer to Section 2.8 of the GGS Supplier Handbook; GGS Sell (Unit) Pack: Text and Bar Code Label Requirements

8.0 CARTON/PACKAGING: GRAPHICS, MARKINGS & LABELS:

8.1 Carton Markings & Labels		
Marking Description	Reference Section in the GGS Supplier Handbook	Additional Information
All Graphics, Markings, and Labels	Refer to Sections 2.3 and 2.4 of the GGS Supplier Handbook	<ul style="list-style-type: none"> All graphics, markings, and labels must be approved by GGS PTIS prior to the initial shipment. Suppliers should contact their local GGS Procurement representative for assistance.
Master Pack Carton Markings	Refer to Section 2.6 of the GGS Supplier Handbook: GGS Master Pack: General Carton Markings and Bar Code Label Requirements	<ul style="list-style-type: none"> All Master Pack cartons, skids, or pallets must display the designated carton graphics.
Inner Pack Carton Markings	Refer to Section 2.7 of the GGS Supplier Handbook: GGS Inner (Ship) Pack: Bar Code Label Requirements	<p>Important Notes:</p> <ul style="list-style-type: none"> Country of origin information must be displayed in English, Spanish, and French. Example: <i>Made In China, Hencho en China, Fabrique Aux Chine</i> Manufactured for information must be displayed in English, Spanish, and French. <p>Example: Mfd. For/ Fab. Para/ Fab. Pour Grainger International, Inc. Lake Forest, IL 60045.</p>
Private Labeled Carton Printing and Bar Code Label Requirements for Sell (Unit) Packs	Refer to Section 2.8 of the GGS Supplier Handbook: GGS Sell (Unit) Pack: Text and Bar Code Label Requirements. Also refer to the specific identity manual for Westward products. All guidelines are located at www.supplierconnect.com/ggs/ .	<p>Important Notes:</p> <ul style="list-style-type: none"> Country of origin information must be displayed in English, Spanish, and French. Example: <i>Made In China, Hencho en China, Fabrique Aux Chine</i> Manufactured for information must be displayed in English, Spanish, and French. <p>Example: Mfd. For/ Fab. Para/ Fab. Pour Grainger International, Inc. Lake Forest, IL 60045.</p>

9.0 PACKAGING:

9.1 Product Quantity in Master, Inner and Sell Packs	Refer to the Official GGS Product Detail for package quantities. Suppliers should contact their local GGS Procurement representative for assistance.
9.2 Master, Inner and Sell Pack Package Weights:	Refer to the Official Product Detail for package weights. The tolerance for package weights is +/-5%. Suppliers should contact their local GGS Procurement representative for assistance.
9.3 General Packaging Requirements:	Refer to the <i>GGS Supplier Handbook</i> Section 2.2
9.4 Skid / Pallet / Understructure Requirements:	Refer to the <i>GGS Supplier Handbook</i> Sections 2.2 and 5.2

10.0 QUALITY AND INSPECTION REQUIREMENTS:

- a) Prior to packaging, each unit shall be inspected and tested by the manufacturer for function, appearance and adherence to these specifications. The unit must function properly in accordance with the procedures and operations cited within the Operator's Manual (OIPM) and must be free of dirt, dust, rust, corrosion, dents, and/or scratches.
- b) If this is the first shipment of this product to GGS, GGS Engineering must approve production samples before the product is shipped to GGS. Refer to the *GGS Supplier Handbook* Section 7.0.

11.0 IMPORTANT NOTES AND CONDITIONS:

- a) After approval of the initial Production Sample, **SUPPLIERS MUST COMMUNICATE ANY AND ALL PROPOSED PRODUCT or FACTORY CHANGES TO GGS ENGINEERING PRIOR TO MAKING ANY CHANGES TO THE PRODUCT.** No product changes can be made or accepted without prior communication with GGS Engineering.
- b) Refer to the *GGS Supplier Handbook* for additional information regarding packaging, shipping, carton markings, bar-code labels, quality and GGS contact information. Contact your local GGS Procurement representative to obtain a copy of the GGS Supplier Handbook.

12.0 REVISION HISTORY:

Rev. No.	Rev. Date	Description of Revision	Revised By & Title	Approved By & Title
0	6-23-2009	INITIAL RELEASE	<i>Lou Dizanni</i> Product Engineering Specialist	<i>Colin Alesse</i> Category Engineering Manager