

*Eastwood*<sup>®</sup>

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Part #15635

# EASTWOOD BENCHTOP POWDER COATING OVEN

## INSTRUCTIONS



The **EASTWOOD BENCHTOP POWDER COATING OVEN** accommodates most small powder coating jobs and features a highly efficient, anti-stratification fan system for even heat distribution within the oven. A convenient, full-view, low-e glass door provides for viewing parts during the critical flow-out stage.

## CONTENTS

- (1) Benchtop Powder Coating Oven
- (2) Wire Racks
- (1) Rack Handle

## SPECIFICATIONS

**Power Requirements:** 120 Volts AC 50/60hz, 1400 watts

**Internal Dimensions:** 16" W x 14" D x 8" H  
[406mm x 355mm x 203mm]

**Max. Temperature:** 450°F+ [232°C+]

## SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

### **DANGER**

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

### **WARNING**

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

### **CAUTION**

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

### **NOTICE**

NOTICE is used to address practices not related to personal injury.

# SAFETY INFORMATION



## **⚠️ READ INSTRUCTIONS**

- Thoroughly read and understand this manual before using.
- Save for future reference.



## **⚠️ WARNING BURN HAZARD!**

- The Oven chamber can exceed 400°F [204°C] and the external cabinet can approach 200°F [93°C]. Do Not touch hot surfaces.
- Use extreme caution while placing parts in or removing parts from the Oven. Always wear appropriate heat-resistant work gloves and protective clothing while placing items in or removing items from Oven.
- Allow sufficient time for cooling before touching parts.



## **⚠️ WARNING FIRE HAZARD!**

- Unplug from outlet when not in use.
- For countertop use only. Maintain 6" of clearance around the sides and back of Oven.
- Do not cover Oven. Do not store items on top of the Oven during use. Do not allow Oven to touch flammable materials while in use.



## **⚠️ WARNING SHOCK HAZARD!**

- Do not operate Oven if Plug or Cord is damaged, if the Oven has been dropped or damaged, or if the Oven malfunctions in any way.
- Do not operate in damp or wet location. Do not immerse any part of the Oven in water or other liquids. Do not use outdoors.
- Unplug before cleaning.
- This Oven uses a Polarized Plug as a safety feature. If the Plug does not fit fully in the outlet, contact a qualified electrician. Do not defeat this safety feature.
- If an extension cord is used, the electrical rating of the cord must be equal to or greater than the rating of the Oven.



## **⚠️ NOTICE**

- DO NOT hang parts from the Heating Elements or permanent damage to the Oven will occur.
- Be sure that all items being powder coated can withstand the cure temperatures of 400°F [204°C] or greater.

# SET-UP FOR USE

Place oven on a secure, stable surface at a safe and comfortable working height.

- Before using to cure parts, plan which Wire Rack level works best for your powder coating project. The Wire Racks may be set at low, mid or upper locations by sliding into the appropriate oven side wall support grooves.

**Important Note:** The Wire Racks **must** be placed into the side support grooves with the raised area oriented **upward** as shown in (FIG A & FIG B).

- To cure heavier or larger items, it is best to place them directly on the Wire Rack in the lowest position.

**Note:** Standard food storage aluminum foil may be used to cover Wire Rack while powder coating to avoid the accumulation of cured powder on rack surfaces (FIG A).

- To cure smaller and lighter items, it may be best to hang them from the Wire Rack placed in the upper position. **Note:** Jumbo paper clips bent into an open 'S' configuration work well as hooks (FIG B). **DO NOT** hang parts from heating elements or permanent damage will occur.

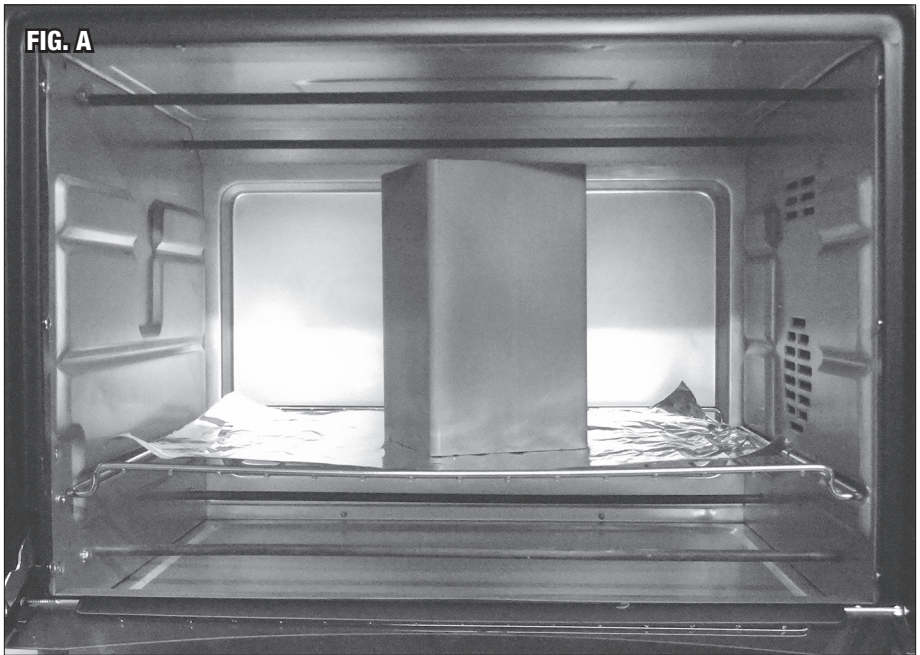


FIG. B



## OVEN CONTROLS (FIG C)

### TEMPERATURE

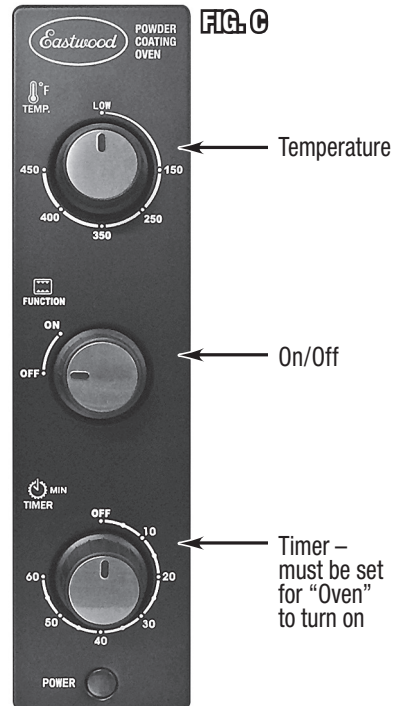
Select desired temperature for curing powder.  
**Note:** 400°F [204°C] is the optimal cure temperature setting for most Eastwood powders. Part density greatly affects required cure time. If unsure, consult the Eastwood Beginner's Powder Coating Handbook (Item #14104).

### FUNCTION

**On** – Turns on oven power.  
**Off** – Turns off oven power.

### TIMER

Choose time span to turn oven off automatically from 5 to 60 minutes.





# NOTES

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# ADDITIONAL ITEMS

- #11476 Compact Infrared Thermometer
- #16322 High Temp Fiberglass Masking Tape, 1/2" x 36 yards
- #16324 High Temp Fiberglass Masking Tape, 1" x 36 yards
- #32054 High Temp Silicone Masking Tape, 1/8" x 72 yards
- #32055 High Temp Silicone Masking Tape, 1/4" x 72 yards
- #43045 0.041" Stainless Steel Hanging Wire
- #58041 High-Temp Silicone Masking Plugs and Caps
- #14104 Eastwood Beginner's Powder Coating Handbook

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**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: [techhelp@eastwood.com](mailto:techhelp@eastwood.com)

PDF version of this manual is available at [eastwood.com](http://eastwood.com)

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