

# CURING OVENS

## BENCH TYPE

Economical ovens easily moved to various locations. For processing large parts, baking, drying components after cleaning, dehydration, preheating, curing and other applications requiring circulation of heated air.

### STANDARD FEATURES

- \*Recirculating blower
- \*430 stainless steel interior.
- \*Incoloy sheathed tubular heating elements
- \*Silicone rubber door gasket
- \*Sturdy welded steel construction
- \*Calibrated temperature controller
- \*Manual reset excess temperature controller
- \*On-Off switch
- \*Red pilot light indicates heater operation
- \*Baked enamel exterior finish
- \*6 lb/cf density industrial rockwool insulation
- \*Fully factory tested
- \*1 year limited warranty

### Model NB-350

Provides 7 cubic feet of work space at temperatures to 350 degrees F. Includes two (2) removable nickel plated wire shelves easily adjustable on 2" centers. Holds a maximum of seven (7) shelves. Widely used for drying small items, preheating plastics, drying powdered met-als, and curing potting compounds. Double doors for easy loading of large parts.

### Model NB-550

Similar to Model NB-350. Also included two (2) shelves and will hold a maximum of seven (7) shelves. Provides over 5 cubic feet of work space at temperatures to 550 degrees F. Ideal for high temperature processes such as annealing springs and plated parts.



Model NB-350



Model NB-550

**ace**<sup>Since 1949</sup>  
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# SPECIFICATIONS

NOT FOR USE WITH FLAMMABLE SOLVENTS OR VAPORS. OTHER MODELS AVAILABLE FOR THESE APPLICATIONS—PLEASE CONSULT FACTORY.

Model	Work Space		Outside Dimensions (WxDxH)	Maximum Temperature	Insulation	Watts		Operating Characteristics†				Approx Shipping Weight
	Dimensions (WxDxH)	Volume Cu Ft				115V*	208V 230V	Control Accuracy	Oven Uniformity	Rise Time		
										115V	230V	
NB-350	28" x 24" x 18"	7	41" x 30" x 23"	350°F	2"	2000	2000	±10°F	±10°F	17 min	17 min	210 lbs
NB-550	26" x 22" x 16"	5.3	41" x 30" x 23"	550°F	3"	2400	3000	±10°F	±15°F	32 min	21 min	235 lbs
DR-350	8 Drawers†	4.8	41" x 30" x 23"	350°F	2"	2000	2000	±10°F	±25°F	20 min	20 min	285 lbs

\*Model NB-550 requires 30 ampere service on 115 volts.  
†Eight (8) individual 430 stainless steel drawers each 11½" W x 25" D x 2" H (3¼" total height clearance). Perforated metal bottoms and sides standard, solid bottoms and sides available at no additional cost.

†Uniformity at 50°F below maximum temperature. Rise Time in minutes to 50°F below maximum temperature. Tests run with empty oven and minimum exhaust. Performance will vary with load, exhaust rate and application. See Bulletin TC-920 for additional details.

## STANDARD EQUIPMENT

### ALL MODELS

- 115 Volts, 60 Hz, 3-wire cord with plug
- 208 Volts, 1-phase, 60 Hz
- 230 Volts, 1-phase, 60 Hz

### Standard Temperature Control System

Calibrated main temperature controller regulates desired oven temperature. Independent manual reset excess temperature controller protects against failure of main temperature controller. On-Off switch located on panel controls electrical power to oven. Red pilot light indicates heater operation.

### ADDITIONAL EQUIPMENT AVAILABLE

\***Additional Shelves**, 20 lbs distributed load per shelf, 40 lbs maximum oven load, specify oven model

#### \*Mercury Thermometer

Model NB-350..... 0-400 degree F range

Model NB-550..... 0-600 degree F range

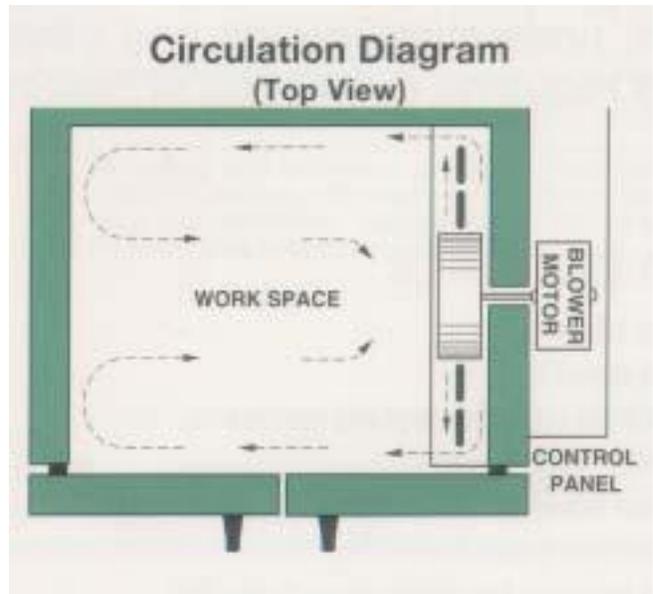
\***Digital Indicating Temperature Controller**, microprocessor based, thermocouple actuated, in lieu of standard controller

\***Digital Indicating Temperature Controller with Digital Timing System**, microprocessor based, thermocouple actuated temperature controller incorporating 99 hour 59 minute range timer. Starts timing when temperature reaches setpoint and shuts down oven heat at end of set time. Blower continues to operate.

\***Recording Temperature Controller**, thermocouple actuated, 24-hour 10" diameter circular chart, in lieu of standard controller

\***Programmable Recording Temperature Controller**, microprocessor based, thermocouple actuated, digital display, 24-hour, 10" diameter circular chart, in lieu of standard controller.

\***Shut down Timer**, with continuous "hold" feature 60 minute range or 12 hour range



[ACE EQUIPMENT COMPANY](#) also manufactures a full line of Burnout Ovens for heat cleaning and stripping combustible materials from any metal parts, motors, paint racks, extruder dies, or any part that is difficult to clean. Call us for information or quotation.

### Burn Out Ovens



**ace** Since 1919  
ACE Equipment Company