



**BULLETIN
LO-100**

Laboratory Ovens

ALL MODELS IN STOCK

Low cost, fully equipped, all purpose laboratory ovens for sample drying, baking, annealing, conditioning, sterilizing, evaporating and dehydrating, and other general laboratory work.

STANDARD FEATURES

- Fully factory tested
- Sturdy steel construction
- Full length continuous hinge
- Two (2) nickel plated wire shelves
- Shelf supports adjustable in 1/2" increments
- Thermostatically controlled
- Over-temperature protection
- Damper controlled gravity air circulation
- Red pilot light to indicate heater action
- Incoloy sheathed tubular heating element
- Brushed stainless steel exterior
- Corrosion resistant galvanized steel interior
- 6 lbs/cf density industrial rockwool insulation
- Dial thermometer
- On-off switch
- 3-wire cord and plug standard on 120 volt models
- 1 year limited warranty

MODEL LO-201C

Compact, economical unit with 12" wide x 10" deep x 10" high work space. Temperatures to 200°C (392°F).

MODEL LR-271C

Used where larger work space and higher temperatures are required. Resilient silicone rubber door gasket. Work space measures 13" wide x 13" deep x 13" high. Temperatures to 270°C (518°F).

MODEL LW-201C

Largest laboratory oven affording more than twice the capacity of the LO-201C. Work space 18" wide x 12" deep x 16" high. Temperatures to 200°C (392°F).

**ECONOMICAL
ALL PURPOSE
LABORATORY OVENS**



MODEL LO-201C



MODEL LR-271C



MODEL LW-201C

SPECIFICATIONS

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

Model	Work Space		Outside Dimensions (WxDxH)	Max Temp	Number of Shelves*	Insulation	Watts	Approx Shipping Weight
	Dimensions (WxDxH)	Volume Cu Ft						
LO-201C	12" x 10" x 10"	0.7	14" x 12" x 19"	200°C	2	1"	800	41 lbs
LR-271C	13" x 13" x 13"	1.3	17" x 17 ³ / ₈ " x 24"	270°C	2	2"	800	72 lbs
LW-201C	18" x 12" x 16"	2	20" x 14" x 25"	200°C	2	1"	1600	72 lbs

*15 lb distributed load per shelf, 30 lb maximum oven load.

STANDARD EQUIPMENT

• Standard Electrical Characteristics

- 120 volts, 50-60 Hz, 3-wire cord and plug
- 240 volts, 50-60 Hz, 3-wire cord (Can be operated on 208 volts. Heat input will be reduced by 20%.)

• Standard Temperature Control Systems

MODELS LO-201C and LW-201C

Bimetal control thermostat sets desired oven temperature. Thermal cutoff limits maximum oven temperature. Red pilot light indicates heater operation. Top mounted dial thermometer.

MODEL LR-271C

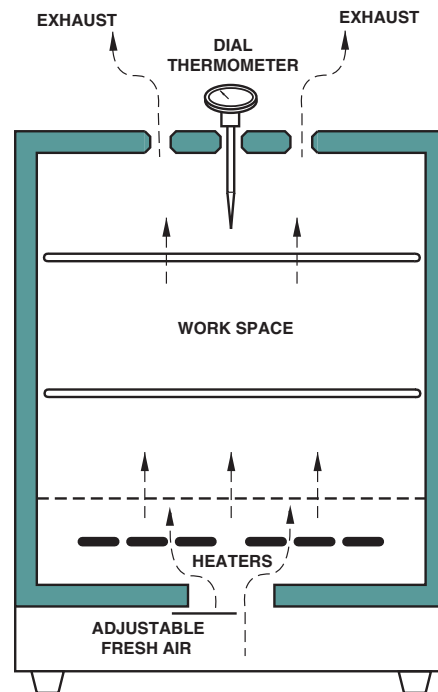
Primary hydraulic control thermostat sets desired oven temperature. Second manual reset hydraulic thermostat limits maximum oven temperature. Red pilot light indicates heater operation. Top mounted dial thermometer.

• Gravity Convection

ALL MODELS

Heat is transferred from the bottom up through the oven chamber by natural convection and exits through vents in the oven top. Adjustable fresh air inlet damper at the oven bottom provides control of the amount of fresh air entering the oven.

Circulation Diagram
(Front View)



ADDITIONAL EQUIPMENT AVAILABLE

- **Additional Shelves**, 15 lbs distributed load per shelf, 30 lbs maximum oven load, with four support clips adjustable in 1/2" increments. Specify oven model when ordering.