

# Lunaire Forced Air Ovens

Lunaire's Forced Air Burn In and Steady State Ovens and Chambers are specifically designed to meet the rigors of constant heat requirements, whether in a laboratory or production environment. The ovens are available in six convenient sizes to accommodate a variety of uses, from the one cubic foot bench-top model for small capacity applications, to the popular, twenty-eight cubic foot model that provides ample workspace for larger projects and production runs.

## Forced air ovens are ideally suited for:

- shelf life ovens and chambers
- stability ovens and chambers
- burn-in ovens and chambers
- steady state ovens and chambers

These ovens are also well suited to reliability, quality, and research and development testing, as well as production processes. And, workspace sizes of 10, 15, and 28 ft<sup>3</sup> provide the flexibility to choose the optimal chamber size for your application.

## Features

- A fully-welded framework of two inch angle iron to ensure structural integrity
- Through-wall ports that are continuously welded
- A wear-resistant, flexible silicone gasket is applied to the perimeter of the door opening to ensure a tight seal
- Each oven is supplied with a practical number of solid stainless steel shelves that can hold up to 135 pounds per shelf and are adjustable on half-inch increments to accommodate any arrangement of loading patterns
- The shelves, as well as the duct side-walls are removable for easy cleaning
- A Watlow controller with digital selection and digital indication of actual oven conditions is standard
- A highly reliable platinum RTD sensor constantly measures oven temperature



# Lunaire

## Standard Oven Options

- Stainless Steel Shelves
- Recording Instruments
- Casters
- Floorstand (CE210 Model)
- GN<sub>2</sub> Purge
- Powered Vent
- CSA Compliance
- Maintenance Kit
- Floorstand (CE210 Model)
- Casters

Overall dimensions in inches/centimeters

Model		CE210	CE215	CE228
Interior	W	28/71	20.5/57	31/79
	D	25/64	26/66	28/71
	H	24/61	51/130	57/145
Exterior	W	34/86	28.5/72	39/99
	D	31/79	31/79	34/86
	H	50/127	79/201	87/221
Number of Shelves		2	4	4

Overall dimensions in inches/centimeters

Temperature Range:	15C above ambient to 250C		
Uniformity at 150°C	±2°C	±2°C	±2°C
Heat up to 150° C	10 minutes	10 minutes	10 minutes
Recovery to 150° C	2 minutes	2 minutes	2 minutes
Air Flow (nominal)	150 FPM	200 FPM	200 FPM
Electrical Power	18 AMPS	31 AMPS	48 AMPS
Fuse	25 AMP	40 AMP	60 AMP
Unit weight	350 lbs.	550 lbs.	850 lbs.