

## Lab-Line Ovens



# Imperial V Gravity Convection

## Large Capacity Ovens for General Lab Applications!



Model 3471



**Includes FREE  
Thermometer Holder**

- Temperature range from ambient + 5°C to 270°C
- Over temperature safety thermostat
- 2.9 cu. ft. (82.1 l), 3.8 cu. ft. (107.6 l), and 4.8 cu. ft. (135.9 l) chamber capacities
- ☆ 24 Month Warranty

- Vents (1" dia.) in oven top and floor enhance natural convection.
- 3" fiberglass insulation helps retain heat in the chamber.
- One piece silicone gasket and positive locking door latch prevent heat loss.
- Plug-style door construction guards against heat loss from the chamber.
- Drawer-style recessed control panel is protected from spills and slides out for easy maintenance.
- Two adjustable chrome-plated wire shelves included standard.
- Interior walls constructed of corrosion-resistant, easy-to-clean stainless steel.
- Heavy-duty cold-rolled steel exterior is reinforced at stress points.

### Operation

- Dual independent hydraulic thermostats control oven temperature.
- Oven temperature can be monitored with a thermometer in the top of oven (not included).

### Safety

- Adjustable backup thermostat provides over temperature protection in case of primary control failure.
- Indicator lights show which thermostat is controlling oven temperature.

### Product Description

- Designed for general laboratory use when precise temperature control and uniformity are not critical considerations.

### PRODUCT SPECIFICATIONS

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Volume cu. ft. (l)	Shipping Weight Lb. (kg)
	W	H	D	W	H	D		
3471	15(38)	19.5(50)	17.2(43)	21.6(55)	35.5(90)	25.25(64)	2.9(82.1)	150 (68)
3476	20(51)	19.5(50)	17.2(43)	26.6(68)	35.5(90)	25.25(64)	3.8(107.6)	155 (70)
3478	25(64)	19.5(50)	17.2(43)	31.6(80)	35.5(90)	25.25(64)	4.8(135.9)	280 (82)

### ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	Operating Temp Range °C	Rise Time (Ambient to 100°C)	Temp Control @ 200°C	Temp Uniformity @ 200°C	US List Price
3471 <sup>1,2</sup>	120	10	1200	Ambient +5° to 270°C	25 min.	±1°C	± 6°C	\$2,152.00
3471-1 <sup>2</sup>	240	5	1200	Ambient +5° to 270°C	25 min.	±1°C	± 6°C	\$2,152.00
3476 <sup>1,2</sup>	120	15	1800	Ambient +5° to 270°C	25 min.	±1°C	± 6°C	\$2,295.00
3476-1 <sup>2</sup>	240	7.5	1800	Ambient +5° to 270°C	25 min.	±1°C	± 6°C	\$2,295.00
3478 <sup>1,2</sup>	120	15	1800	Ambient +5° to 270°C	25 min.	±1°C	± 6°C	\$2,433.00
3478-1 <sup>2</sup>	240	7.5	1800	Ambient +5° to 270°C	25 min.	±1°C	± 6°C	\$2,433.00

<sup>1</sup>CSA, <sup>2</sup>UL

### ACCESSORIES

Model #	Description	US List Price	Model #	Description	US List Price
3471-8	Shelf for 3471, 3471-1, brackets included	\$77.00	3470-2	Stacking Rack for models 3471, 3471-1	\$763.00
3476-8	Shelf for 3476, 3476-1, brackets included	\$87.00	3475-2	Stacking Rack for models 3476, 3476-1	\$781.00
3478-8	Shelf for 3478, 3478-1, brackets included	\$87.00			