

## Lab-Line Ovens



# Imperial V Mechanical Convection



Model 3478M



**Includes Two FREE Shelves**

### Product Description

- Dependable hydraulic thermostat temperature control plus mechanical convection airflow system for excellent drying performance.
- Stainless steel plenums provide optimal air flow and uniformity.
- One piece silicone gasket and positive locking door latch prevent heat loss.

## Value Priced with Optimal Uniformity and Safety!

- Temperature range from ambient +5°C to 270°C
- Digital temperature display
- 2.5 cu.ft. (70.8 l), 3.5 cu.ft. (99.1 l), and 4.4 cu. ft. (124.6 l) chamber capacities
- ☆ 24 Month Warranty

- 3" fiberglass insulation helps retain heat in the chamber.
- Plug-style door construction guards against heat loss from chamber.
- Drawer-style recessed control panel is protected from spills and slides out for easy maintenance.
- Two adjustable chrome-plated wire shelves included.
- Shelves, supports, and plenum remove easily for cleaning.
- Interior walls constructed of corrosion-resistant, easy-to-clean stainless steel.
- Heavy-duty cold-rolled steel exterior is reinforced at stress points.

### Operation

- Primary hydraulic thermostat can be set temperatures from ambient +5°C to 270°C with  $\pm 1.0^\circ$  control.
- Digital display for convenient temperature monitoring.

### Safety

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

### 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		
3471M	13 (33)	19.5 (50)	17.2 (43)	21.6 (55)	35.5 (90)	25.25 (64)	2.5 (70.8)	150 (68)
3476M	18 (46)	19.5 (50)	17.2 (43)	26.6 (68)	35.5 (90)	25.25 (64)	3.5 (99.1)	170 (77)
3478M	23 (58)	19.5 (50)	17.2 (43)	31.6 (80)	35.5 (90)	25.25 (64)	4.4 (124.6)	185 (84)

### OPERATING SPECIFICATIONS

Operating Temp Range °C	Rise Time (Ambient to 200°C)	Control @100°C	Uniformity @100°C	Control @200°C	Uniformity @200°C
Ambient +5°C to 270°C	60 minutes	$\pm 1.0^\circ\text{C}$	$\pm 1.5^\circ\text{C}$	$\pm 1.0^\circ\text{C}$	$\pm 2.0^\circ\text{C}$

### ORDERING INFORMATION

Model #	Description	Electrical (50/60 Hz)			US List Price	Model #	Description	Electrical (50/60 Hz)			US List Price
		Volts	Amps	Watts				Volts	Amps	Watts	
3471M <sup>1,2</sup>	Imperial V Mechanical Oven	120	10.8	1300	\$2,511.00	3476M-1 <sup>2</sup>	Imperial V Mechanical Oven	240	7.9	1900	\$2,682.00
3471M-1 <sup>2</sup>	Imperial V Mechanical Oven	240	5.4	1300	\$2,511.00	3478M <sup>1,2</sup>	Imperial V Mechanical Oven	120	15.8	1900	\$2,820.00
3476M <sup>1,2</sup>	Imperial V Mechanical Oven	120	15.8	1900	\$2,682.00	3478M-1 <sup>2</sup>	Imperial V Mechanical Oven	240	7.9	1900	\$2,820.00

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

### ACCESSORIES

Model #	Description	US List Price	Model #	Description	US List Price
3471M-8	Shelf for 3471M, 3471M-1, brackets included	\$85.00	3470-2	Stacking Rack for models 3471M, 3471M-1	\$763.00
3476M-8	Shelf for 3476M, 3476M-1, brackets included	\$87.00	3475-2	Stacking Rack for models 3476M, 3476M-1	\$781.00
3478M-8	Shelf for 3478M, 3478M-1, brackets included	\$87.00			