



## Heavy Duty Ovens



Model OV116040



Model OV128060

### Our Largest Oven for Heavy Loads!

- 8, 12.5 and 18 cu. ft. models
- Excellent temperature control and uniformity
- Holds up to 200 pounds per shelf
- Horizontal airflow

#### Product Description

##### Models OV116040 & OV116850

- Horizontal air flow for excellent temperature uniformity and stability.
- Heavy-duty shelves will hold up of 200 pounds each.
- Heating elements and fans have been designed into the top of the ovens.
- Digital PID controller allows for precise temperature control.
- Hydraulic controlled over-temperature protection ensures oven temperature will not exceed preset limits.
- Temperature uniformity of  $\pm 3^{\circ}\text{C}$  at  $150^{\circ}\text{C}$ ; temperature control of  $\pm 0.2^{\circ}\text{C}$  at  $150^{\circ}\text{C}$  on 8 cu. ft. unit.
- Temperature uniformity of  $\pm 4.0^{\circ}\text{C}$  at  $200^{\circ}\text{C}$  and temperature control of  $\pm 0.7^{\circ}\text{C}$  at  $200^{\circ}\text{C}$  on 12.5 cu. ft. unit.
- 8 and 12.5 cu. ft. models have temperature range of  $+10^{\circ}\text{C}$  above ambient to  $250^{\circ}\text{C}$ .

##### Models OV128060

- Three stainless steel thermocouple immersion probes inside the oven chamber monitor the temperature of your samples.
- Each probe corresponds with a digital display on the control panel allowing the user to monitor temperatures without opening the oven door.
- Built in timer for programmable start-up and shut-down of oven.
- Provides unparallel horizontal airflow and temperature uniformity performance.
- Temperature range of slightly above ambient to  $205^{\circ}\text{C}$ .
- Temperature uniformity of  $\pm 2^{\circ}\text{C}$  at  $150^{\circ}\text{C}$ .

### PRODUCT SPECIFICATIONS

Type	Operating Temperature Range	Temperature Uniformity	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Volume cu. ft. (l)
			W	H	D	W	H	D	
OV116040	+10°C above Ambient - 250°C	$\pm 0.2^{\circ}\text{C}$ at $150^{\circ}\text{C}$	26 (66)	21 (53.3)	26 (66)	34.5 (87.6)	35 (88.9)	31 (78.7)	8 (226.5)
OV116850	+10°C above Ambient - 250°C	$\pm 3^{\circ}\text{C}$ at $150^{\circ}\text{C}$	26 (66)	32.5 (82.5)	26 (66)	35 (88.9)	53.8 (136.6)	34 (86)	12.5 (354.0)
OV128060	Slightly above Ambient - 205°C	$\pm 2^{\circ}\text{C}$ at $150^{\circ}\text{C}$	26 (66)	46 (116.8)	26 (66)	35 (88.9)	75 (190.5)	34 (86.4)	18 (509.7)

### ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz)		# of Shelves	US List Price
		Amps	Watts		
OV116040	220-240	12.5	3000	2	\$2,411.00
OV116850	220-240	20.5	4900	3	\$3,627.00
OV128060	220-240	17.1@240 VAC	4100@240 VAC	4	\$4,790.00