



Forced Convected Ovens

- **Forced circulating airflow from top-mounted fan.**
- **Microprocessor based digital temperature controller with LED display.**
- **Manual reset hi-limit.**
- **Stainless steel interior.**
- **Easily installed.**

Where fast processing and versatility are critical, the Forced Convected Oven is the most economical method of processing densely-loaded samples in testing, sterilizing, preheating, drying, aging, or curing applications. The unique oven design positions the fan to circulate air after it is heated to allow more uniform heat distribution. Temperatures are maintained automatically with a digital temperature controller. Time to recover temperatures after door openings is minimal. Constructed for uniform heating capabilities, reduced heat loss and energy savings, the oven features a stainless steel interior for easy cleaning.

Specifications

Chamber Size.	<i>EI88-0151:</i> 24" w. x 14" d. x 22" h. (61 x 36 x 56 cm); 4.3 ft ³ (122 liters).
	<i>EI88-0156:</i> 30" w. x 18" d. x 22" h. (76 x 46 x 56 cm); 6.9 ft ³ (196 liters).
	<i>EI88-0161:</i> 37" w. x 24" d. x 35" h. (94 x 61 x 89 cm); 18 ft ³ (510 liters).
	<i>EI88-0166:</i> 37" w. x 37" d. x 35" h. (94 x 94 x 89 cm); 27 ft ³ (765 liters).
Overall Size.	<i>EI88-0151:</i> 30" w. x 20.5" d. x 36.5" h. (77 x 53 x 93 cm).
	<i>EI88-0156:</i> 36" w. x 24.5" d. x 36.5" h. (92 x 63 x 93 cm).
	<i>EI88-0161:</i> 43" w. x 30.5" d. x 51.5" h. (110 x 78 x 131 cm).
	<i>EI88-0166:</i> 43" w. x 43.5" d. x 51.5" h. (110 x 111 x 131 cm).
Operating Range.	<i>EI88-0151:</i> 35°C - 204°C (95°F - 400°F).
	<i>EI88-0156:</i> 35°C - 204°C (95°F - 400°F).
	<i>EI88-0161:</i> 40°C - 204°C (105°F - 400°F).
	<i>EI88-0166:</i> 40°C - 204°C (105°F - 400°F).
Weights.	<i>EI88-0151:</i> 195 lbs. (88 kg).
	<i>EI88-0156:</i> 245 lbs. (112 kg).
	<i>EI88-0161:</i> 400 lbs. (182 kg).
	<i>EI88-0166:</i> 550 lbs. (250 kg).

Ordering Information

Note: Ovens not to be used with flammable solvents, combustible materials or enclosed containers.

- EI88-0151/02.** 120vAC, 60 Hz, 15 amps.
- EI88-0151/01.** 240vAC, 50/60 Hz, 1ø, 7.5 amps.
- EI88-0156/02.** 120vAC, 60 Hz, 21.6 amps.
- EI88-0156/01.** 240vAC, 50/60 Hz, 1ø, 10.8 amps.
- EI88-0161/01.** 240vAC, 50/60 Hz, 1ø, 16.4 amps.
- EI88-0166/01.** 240vAC, 50/60 Hz, 1ø, 21.6 amps.



Double Wall Laboratory Ovens

- **Sturdy, double wall welded steel construction.**
- **Thermostatically controlled.**
- **All components UL/CSA approved.**
- **Includes two plated shelves.**

Designed for general laboratory tasks, Double Wall Laboratory Ovens are ideal for drying, baking, annealing, conditioning, sterilizing, evaporating, dehydrating and other general laboratory work.

Available in a variety of sizes, this series of ovens is fully equipped with a thermometer and adjustable shelves. The double wall welded steel construction, baked enamel exterior, and corrosion resistant interior make this a sturdy, all-purpose laboratory oven.

Specifications

Capacity.	<i>EI88-0200:</i> 0.7 cu. ft. (19.8 liter).
	<i>EI88-0210:</i> 2.0 cu. ft. (56.6 liter).
	<i>EI88-0220:</i> 3.0 cu. ft. (85 liter).
Chamber Size.	<i>EI88-0200:</i> 12" w. x 10" d. x 10" h. (305 x 254 x 254 mm).
	<i>EI88-0210:</i> 18" w. x 12" d. x 16" h. (457 x 305 x 406 mm).
	<i>EI88-0220:</i> 18" w. x 14" d. x 21" h. (457 x 356 x 533 mm).
Temperature Range.	225°C (437°F) maximum.
Shelves.	Two included.
Thermometer.	One included.
Overall Dimensions.	<i>EI88-0200:</i> 14" w. x 12" d. x 17" h. (356 x 305 x 432 mm).
	<i>EI88-0210:</i> 20" w. x 14" d. x 25" h. (508 x 356 x 635 mm).
	<i>EI88-0220:</i> 20" w. x 16" d. x 30" h. (508 x 406 x 762 mm).
Weights.	<i>EI88-0200:</i> 41 lbs. (18.6 kg).
	<i>EI88-0210:</i> 70 lbs. (31.8 kg).
	<i>EI88-0220:</i> 90 lbs. (40.8 kg).

Ordering Information

- EI88-0200/02.** 115vAC, 50/60 Hz, 1ø.
- EI88-0200/01.** 230vAC, 50/60 Hz, 1ø.
- EI88-0210/02.** 115vAC, 50/60 Hz, 1ø.
- EI88-0210/01.** 230vAC, 50/60 Hz, 1ø.
- EI88-0220/02.** 115vAC, 50/60 Hz, 1ø.
- EI88-0220/01.** 230vAC, 50/60 Hz, 1ø.