

Analog Lab Ovens

Gravity and Air-forced



Models

Analog Gravity Convection 'GC'

- ▶ 10GC ▶ 20GC ▶ 30GC ▶ 40GC

Capacity

- ▶ 10GC - 0.7 Cubic Feet / 20 Liters
- ▶ 20GC - 1.27 Cubic Feet / 36 Liters
- ▶ 30GC - 2.0 Cubic Feet / 57 Liters
- ▶ 40GC - 3.0 Cubic Feet / 85 Liters

Analog Air-forced 'AF' Convection

- ▶ 10AF ▶ 20AF ▶ 30AF ▶ 40AF

Capacity

- ▶ 10AF - 0.6 Cubic Feet / 17 Liters
- ▶ 20AF - 1.14 Cubic Feet / 32 Liters
- ▶ 30AF - 1.83 Cubic Feet / 52 Liters
- ▶ 40AF - 2.86 Cubic Feet / 81 Liters

Temperature Range

- ▶ GC and AF models

Ambient +25°F minimum to a maximum of 450°F, (232°C).



Aluminized steel comes standard
Includes (2) nickel plated wire shelves
Models are available in optional 230 volts.



Specifications

Analog Lab Oven Series

Temperature Range

Models GC and AF - Ambient +25°F to 450°F (232°C)

	Model 10GC	Model 20GC	Model 30GC	Model 40GC	Model 10AF	Model 20AF	Model 30AF	Model 40AF
INTERIOR DIMENSIONS Inches W x H x D (cm) W x H x D	12 x 10 x 10 30.5 x 25.4 x 25.4	13 x 13 x 13 33 x 33 x 33	18 x 15.63 x 12 45.7 x 39.7 x 30.5	18 x 21.8 x 14 45.7 x 55.4 x 35.6	12 x 8.25 x 10 30.5 x 21 x 25.4	13 X 11 X 13 33 X 28 X 33	18 x 14.2 x 12 45.7 x 36 x 30.5	18 x 19.8 x 14 45.7 x 50.3 x 36
EXTERIOR DIMENSIONS Inches W x H x D (cm) W x H x D	14 x 17.5 x 12.3 35.5 x 44.5 x 31.2	15 x 21.5 x 15.3 38 x 54.6 x 38.9	20 x 25 x 14.3 50.8 x 64.8 x 36.2	20 x 31.5 x 16.3 50.8 x 80 x 41.4	14 x 20.5 x 12.3 35.5 x 52 x 31.2	15 x 25 x 15.3 38 x 63.5 x 38.9	20 x 29 x 14.3 50.8 x 73.7 x 36.2	20 x 35 x 16.3 50.8 x 89 x 41.4
CAPACITY Cubic feet Liters	0.7 20	1.27 36	2.0 57	3.0 85	0.6 17	1.14 32	1.83 52	2.86 81
ELECTRICAL* Volts / Amps Watts Frequency (Hz)	115 / 5.2 600 50/60	120 / 6.3 750 50/60	115 / 10.4 1200 50/60	120 / 12.5 1500 50/60	120 / 6.85 822 50/60	120 / 8.51 1022 50/60	120 / 13.1 1572 50/60	120 / 13.1 1572 50/60
PERFORMANCE**								
Control Stability Typically ± °C / °F	3° / 6°	3° / 6°	3° / 6°	3° / 6°	3° / 6°	3° / 6°	3° / 6°	3° / 6°
Time to temp. Ambient to 100°C Ambient to Max	6 min. 22 min.	6.5 min. 25 min.	6 min. 23 min.	6 min. 28 min.	7.5 min. 31 min.	9 min. 37 min.	7 min. 22 min.	9 min. 39 min.
Recovery time at 150°C Door opened 15 sec. Door opened 30 sec.	3.5 min. 6 min.	5 min. 6 min.	4 min. 6 min.	6 min. 9 min.	2.5 min. 3.5 min.	7 min. 11 min.	3 min. 5 min.	6 min. 8 min.
Weight (lbs.) Shipping / alone	43 / 31.4	57 / 43.5	76.2 / 57.2	91.5 / 72.5	50.4 / 37.2	65.7 / 58.7	84.2 / 64.2	98.5 / 80.8
Shelves Max. per unit (1 in. center) Maximum lbs. / shelf	10 35 lbs.	13 35 lbs.	16 35 lbs.	22 35 lbs.	8 35 lbs.	11 35 lbs.	14 35 lbs.	20 35 lbs.

*Standard models voltage only, 230 Voltage available

**Performance characteristics for standard voltage models, alternate voltage models may vary. All test were conducted under controlled laboratory conditions