



Advanced Design

Cabinets are as attractive as they are durable. Exteriors are painted light gray and have a hard, scratch-resistant hammer finish. Doors open with high-impact thermoplastic handles. Cabinets have heavy steel double-wall construction. Work space is insulated from the outer cabinet with one inch of high-density mineral wool, and interiors are made of corrosion-resistant aluminized steel.

Controls

Quincy Lab uses quality UL and CSA recognized components in all ovens. The control panel is equipped with an

illuminated ON/OFF rocker switch and a heat-cycle pilot light. Temperature is controlled by automatic hydraulic or a bimetal thermostat (models 10GC & 10AF). Hydraulic models offer convenient temperature dial markings in both centigrade and Fahrenheit.

Heating Elements

Energy-efficient, low-watt density incoloy sheathed elements are engineered into a compact design for quick run-up and recovery times. Temperature uniformity is greatly improved by a perforated heat shield which absorbs radiant heat and distributes it more evenly.

GC and AF Models

The 'GC' series gravity convection ovens are designed to meet the laboratory needs of industry, research organizations, and schools. Well-crafted and versatile, they are used for part drying, baking, curing, sterilizing, evaporating, heat treating, annealing, and testing. The 'AF' series models offer a forced air circulation allowing for a more uniform distribution of heat throughout the chamber, which also facilitates evaporating. Both GC and AF series ovens have a temperature range to $450^{\circ}\text{F} / 232^{\circ}\text{C}$, and are competitively priced and offer exceptional value and reliability.

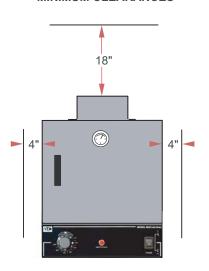
Quincy Lab, In. has been a mainline manufacturer of laboratory ovens and incubators for more than 40 years. We are dedicated to product value, customer satisfaction, and ongoing product support.



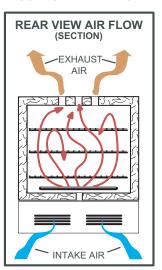
GENERAL SPECIFICATIONS		MODEL 20GC	MODEL 30GC	MODEL 40GC	MODEL 10AF	MODEL 20AF	MODEL 30AF	MODEL 40AF
INTERIOR DIMENSIONS INCHES W x H x D (CM) W x H x D	12x10x10 30.5x25.4x25.4	13x13x13 33x33x33	18x15.6x12 45.7x39.6x30.5	18x21.8x14 45.7x55.4x35.6	12x8.25x10 30.5x21x25.4	13x11x13 33x28x33	18x14.2x12 45.7x36x30.5	18x19.8x14 45.7x50.3x35.6
EXTERIOR DIMENSIONS INCHES W x H x D (CM) W x H x D	14x17.5X12.3 35.6x44.5x31.2	15x21.5x15.3 38x54.6x38.9	20x25.5x14.3 50.8x64.8x36.2	20x31.5X16.3 50.8x80x41.4	14x20.5X12.3 35.6x52x31.2	15x25x15.3 38x63.5x38.9	20x29x14.3 50.8x73.7x36.2	20x35X16.3 50.8x89x41.4
CAPACITY CUBIC FEET (LITERS)	0.7 19.8	1.27 36	2.0 56.6	3.0 85	0.6 17	1.14 32.3	1.83 51.8	2.86 81
TEMPERATURE MAXIMUM FAHRENHEIT CENTIGRADE	450 232	450 232	450 232	450 232	450 232	450 232	450 232	450 232
SHELVES (1" CENTERS) MAXIMUM PER UNIT MAXIMUM POUNDS / SHELF	10 35	13 35	16 35	22 35	8 35	11 35	14 35	20 35
ELECTRICAL* VOLTS/AMPS WATTS PLUG/NEMA	115/5.2 600 5-15P	120/6.3 750 5-15P	115/10.5 1200 5-15P	120/12.5 1500 5-15P	120/6.6 800 5-15P	120/8.8 1050 5-15P	120/12.5 1500 5-15P	120/12.5 1500 5-15P
WEIGHT SHIPPING STAND ALONE	42.6 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

^{*} Standard models voltage only, 230 voltage available.

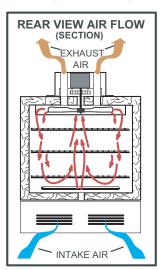
MINIMUM CLEARANCES



'GC' MODEL AIR FLOW



'AF' MODEL AIR FLOW



**PERFORMANCE	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
CHARACTERISTICS	10GC	20GC	30GC	40GC	10AF	20AF	30AF	40AF
TEMPERATURE STABILITY @ 150°C @ 300°F	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C
	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F
TIME TO TEMPERATURE 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 @150°C DOOR OPEN 15 SEC. DOOR OPEN 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.

^{**} PERFORMANCE CHARACTERISTICS FOR STANDARD VOLTAGE MODELS, ALTERNATE VOLTAGE MODELS MAY VARY. ALL TESTS CONDUCTED UNDER CONTROLLED LABORATORY CONDITIONS.

