

# Lab Ovens

from Quincy Lab, Inc.



**FEATURING**  
**Air Forced & Gravity Convection**  
**Durable Double-wall Construction**  
**Scratch-resistant Hammer Finish**  
**Corrosion-resistant Aluminized Interior**  
**Proven Reliability**  
**Full 18-month Factory Warranty**

MODEL 40AF

MODEL 20AF

MODEL 10GC

MODEL 30GC

## 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°F / 232°C, and are competitively priced and offer exceptional value and reliability.

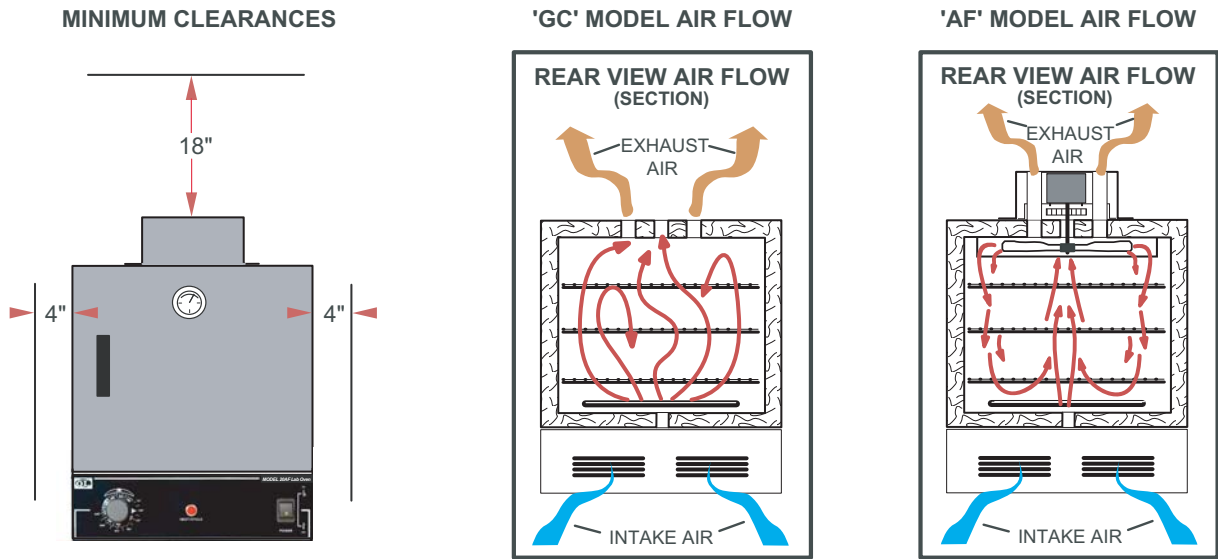
**Quincy Lab, Inc. has been a mainline manufacturer of laboratory ovens and incubators for more than 40 years.**  
**We are dedicated to product value, customer satisfaction, and ongoing product support.**



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GENERAL SPECIFICATIONS	MODEL 10GC	MODEL 20GC	MODEL 30GC	MODEL 40GC	MODEL 10AF	MODEL 20AF	MODEL 30AF	MODEL 40AF
<b>INTERIOR DIMENSIONS</b>								
INCHES W x H x D	12x10x10	13x13x13	18x15.6x12	18x21.8x14	12x8.25x10	13x11x13	18x14.2x12	18x19.8x14
(CM) W x H x D	30.5x25.4x25.4	33x33x33	45.7x39.6x30.5	45.7x55.4x35.6	30.5x21x25.4	33x28x33	45.7x36x30.5	45.7x50.3x35.6
<b>EXTERIOR DIMENSIONS</b>								
INCHES W x H x D	14x17.5x12.3	15x21.5x15.3	20x25.5x14.3	20x31.5x16.3	14x20.5x12.3	15x25x15.3	20x29x14.3	20x35x16.3
(CM) W x H x D	35.6x44.5x31.2	38x54.6x38.9	50.8x64.8x36.2	50.8x80x41.4	35.6x52x31.2	38x63.5x38.9	50.8x73.7x36.2	50.8x89x41.4
<b>CAPACITY</b>								
CUBIC FEET	0.7	1.27	2.0	3.0	0.6	1.14	1.83	2.86
(LITERS)	19.8	36	56.6	85	17	32.3	51.8	81
<b>TEMPERATURE MAXIMUM</b>								
FAHRENHEIT	450	450	450	450	450	450	450	450
CENTIGRADE	232	232	232	232	232	232	232	232
<b>SHELVES (1" CENTERS)</b>								
MAXIMUM PER UNIT	10	13	16	22	8	11	14	20
MAXIMUM POUNDS / SHELF	35	35	35	35	35	35	35	35
<b>ELECTRICAL*</b>								
VOLTS/AMPS	115/5.2	120/6.3	115/10.5	120/12.5	120/6.6	120/8.8	120/12.5	120/12.5
WATTS	600	750	1200	1500	800	1050	1500	1500
PLUG/NEMA	5-15P	5-15P	5-15P	5-15P	5-15P	5-15P	5-15P	5-15P
<b>WEIGHT</b>								
SHIPPING	42.6	57	76.2	91.5	50.4	65.7	84.2	98.5
STAND ALONE	31.4	43.5	57.2	72.5	37.2	58.7	64.2	80.8

\* Standard models voltage only, 230 voltage available.



**PERFORMANCE CHARACTERISTICS	MODEL 10GC	MODEL 20GC	MODEL 30GC	MODEL 40GC	MODEL 10AF	MODEL 20AF	MODEL 30AF	MODEL 40AF
<b>TEMPERATURE STABILITY</b>								
@ 150°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C	+/- 3.0°C
@ 300°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F	+/- 6.0°F
<b>TIME TO TEMPERATURE</b>								
AMBIENT TO 100°C	6 Min.	6.5 Min.	6 Min.	6 Min.	7.5 Min.	9 Min.	7 Min.	9 Min.
AMBIENT TO MAX	22 Min.	25 Min.	23 Min.	28 Min.	31 Min.	37 Min.	22 Min.	39 Min.
<b>RECOVERY @150°C</b>								
DOOR OPEN 15 SEC.	3.5 Min.	5 Min.	4 Min.	6 Min.	2.5 Min.	7 Min.	3 Min.	6 Min.
DOOR OPEN 30 SEC.	6 Min.	6 Min.	6 Min.	9 Min.	3.5 Min.	11 Min.	5 Min.	8 Min.

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

