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.
GENERAL SPECIFICATIONS

MODEL 10GC  MODEL 20GC  MODEL 30GC  MODEL 40GC
INTERIOR DIMENSIONS
INCHES W x H x D 12x10x10  13x13x13  18x15.6x12  18x21.8x14
(CM) W x H x D  30.5x25.4x25.4  33x33x33  45.7x39.8x30.5  45.7x55.4x35.6

EXTERIOR DIMENSIONS
INCHES W x H x D 14x17.5X12.3  15x21.5X15.3  20x25.5X14.3  20x31.5X16.3
(CM) W x H x D 35.6x44.5x31.2  38x54.6x38.9  50.8x64.8x36.2  35.6x52x31.2

CAPACITY
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

TEMPERATURE MAXIMUM
FAHRENHEIT 450  450  450  450  450  450  450  450

SHELVES (1” CENTERS)
MAXIMUM PER UNIT 10  13  16  22  8  11  14  20
MAXIMUM POUNDS / SHELF 35  35  35  35  35  35  35  35

ELECTRICAL*
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

WEIGHT
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.

MINIMUM CLEARANCES

'GC' MODEL AIR FLOW

'REAR VIEW AIR FLOW (SECTION)'

'AF' MODEL AIR FLOW


**PERFORMANCE CHARACTERISTICS

MODEL 10GC  MODEL 20GC  MODEL 30GC  MODEL 40GC
TEMPERATURE STABILITY
@ 150°C +/- 3.0°F  +/- 3.0°F  +/- 3.0°F  +/- 3.0°F  +/- 3.0°F  +/- 3.0°F  +/- 3.0°F
@ 300°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 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.

RECOVERY @150°C
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.

Ph: 1-800-482-HEAT(4328)  Fax: 773-622-2282

QL

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