



GP220A/3508P1

General Features

- Three different chamber volumes to choose from.
- 300°C maximum operating temperature.
- Select from either vertical (A Series) or horizontal (B Series) design format.
- Vertical designs have controls positioned on top with single left side-hinged door.
- Horizontal designs have double side-hinged doors and controls positioned on side.
- Powerful fan and air guide system provides excellent temperature uniformity throughout the work chamber.
- Polished stainless steel inner chamber is easy to clean and resistant to corrosion.
- Long-life high efficiency mineral insulated metal sheathed heating elements.
- Oven chamber incorporates adjustable ventilation and exhaust vent.
- Oven door is fitted with resilient woven glass fiber seal.
- Positive latch door closure provides effective thermal seal of chamber.
- Choice of 301 or programmable controls.
- Extensive range of options and customization available. (See pages 66 & 67)

Shelving Specifications by Chamber Size

SHELVES	220A	330A	450A	220B	330B	450B
Number Supplied	3	4	5	3	3	3
Maximum Possible	5	8	11	5	5	5
Max. Dist. Load/Shelf (lb)	33	33	33	33	33	44
Total Maximum Load (lb)	99	132	165	99	99	132

"A" Series provided with nickel plated wire shelving.
 "B" Series provided with perforated stainless steel shelves.

General Purpose Industrial Oven Performance Specifications

Oven Model	Temperature Uniformity (°C)	Temperature Stability (°C)	Heat-Up Time Amb. to 300°C (Minutes)	Recovery Time (Minutes) Door Open 60 Seconds			Air Exchanges Per Hour (Vents Open)
				100°C	200°C	300°C	
GP220A	±5	±0.5	75	12	18	24	160
GP330A	±5	±0.5	80	13	20	28	110
GP450A	±5	±0.5	75	14	21	30	80
GP220B	±5	±0.5	75	12	18	24	160
GP330B	±5	±0.5	80	15	24	30	110
GP450B	±5	±0.5	75	17	24	35	80

Temperature uniformity is not based on full chamber dimensions. Contact Carbolite for details.

300°C General Purpose Industrial Ovens

Oven Model	Max. Temp. (°C)	Internal Chamber Dimensions			External Dimensions			Max. Power (kW)	Oven Voltage	Shipping (lb.)
		Height	Width	Depth	Height	Width	Depth			
GP220A *	300	24.00 (610)	24.00 (610)	24.00 (610)	49.00 (1240)	34.00 (862)	33.50 (850)	3.00	208/240	527
GP330A *	300	36.00 (915)	24.00 (610)	24.00 (610)	61.00 (1545)	34.00 (862)	33.50 (850)	4.50	208/240	573
GP450A *	300	48.00 (1220)	24.00 (610)	24.00 (610)	73.00 (1850)	34.00 (862)	33.50 (850)	6.00	208/240	600
GP220B *	300	24.00 (610)	24.00 (610)	24.00 (610)	36.00 (910)	47.00 (1190)	33.50 (850)	3.00	208/240	527
GP330B	300	24.00 (610)	36.00 (915)	24.00 (610)	36.00 (910)	59.00 (1495)	33.50 (850)	4.50	208/240	573
GP450B	300	24.00 (610)	48.00 (1220)	24.00 (610)	36.00 (910)	71.00 (1800)	33.50 (850)	6.00	208/240	600

* Has single side hinged door.

Specify voltage at time of order.

Ovens operate on single phase voltage.



General Features

- Three chamber sizes to choose from.
- 400°C, 500°C and 600°C maximum operating temperatures.
- Powerful fan and air guide system provides excellent temperature uniformity throughout the work chamber.
- Temperature Stability: Better than $\pm 0.5^\circ\text{C}$.
- Stainless steel inner chamber is convenient to clean and resistant to corrosion.
- Long-life mineral insulated metal sheathed heating elements.
- Each oven is provided with perforated stainless steel shelves for convenient loading and unloading. See specification chart.
- An adjustable 1.5" diameter chamber exhaust vent is located on top of oven.
- Efficient fibrous insulation provides safe outer case temperatures.
- Side-hinged door provides access to full width of chamber when open.
- Positive latch door closure provides effective thermal seal of chamber.
- Choice of 301 or programmable controls
- Multiple built-in options available. (See pages 66 & 67)



HT 5/220/3216P1/OTC

High Temperature Industrial Oven Performance Specifications

Oven Model	Temperature Uniformity (°C)	Temperature Stability (°C)	Heat-Up Time Amb. to Max. Temp. (Minutes)
HT 4/28	± 5	± 0.5	50
HT 4/95	± 5	± 0.5	60
HT 4/220	± 5	± 0.5	60
HT 5/28	± 5	± 0.5	60
HT 5/95	± 5	± 0.5	60
HT 5/220	± 5	± 0.5	60
HT 6/28	± 5	± 0.5	75
HT 6/95	± 5	± 0.5	75
HT 6/220	± 5	± 0.5	90

Temperature uniformity is not based on full chamber dimensions. Contact Carbolite for details.

Shelving Specifications by Chamber Size

SHELVES	28	95	220
Number Supplied	2	3	3
Maximum Possible	2	5	5
Max. Dist. Load/Shelf (lb)	22	33	55
Total Maximum Load (lb)	44	66	110

400°C, 500°C & 600°C High Temperature Industrial Ovens

Oven Model	Max. Temp. (°C)	Internal Chamber Dimensions Inches (mm)			External Dimensions Inches (mm)			Maximum Power (kW)	Oven Voltage	Shipping Weight (lb.)
		Height	Width	Depth	Height	Width	Depth			
HT 4/28	400	12.00 (305)	12.00 (305)	12.00 (305)	31.75 (805)	22.00 (560)	32.00 (810)	1.00	120/208/240	197
HT 4/95	400	18.00 (455)	18.00 (455)	18.00 (455)	37.75 (960)	32.00 (810)	39.75 (1010)	2.00	208/240	400
HT 4/220	400	24.00 (610)	24.00 (610)	24.00 (610)	43.50 (1105)	38.00 (965)	45.00 (1145)	3.00	208/240	587
HT 5/28	500	12.00 (305)	12.00 (305)	12.00 (305)	31.75 (805)	22.00 (560)	32.00 (810)	2.00	208/240	197
HT 5/95	500	18.00 (455)	18.00 (455)	18.00 (455)	37.75 (960)	32.00 (810)	39.75 (1010)	3.00	208/240	400
HT 5/220	500	24.00 (610)	24.00 (610)	24.00 (610)	43.50 (1105)	38.00 (965)	45.00 (1145)	4.50	208/240	587
HT 6/28	600	12.00 (305)	12.00 (305)	12.00 (305)	31.75 (805)	22.00 (560)	32.00 (810)	2.00	208/240	197
HT 6/95	600	18.00 (455)	18.00 (455)	18.00 (455)	37.75 (960)	32.00 (810)	39.75 (1010)	4.50	208/240	400
HT 6/220	600	24.00 (610)	24.00 (610)	24.00 (610)	43.50 (1105)	38.00 (965)	45.00 (1145)	6.00	208/240	587

Specify voltage at time of order.

Ovens operate on single phase voltage.