

GP General Purpose Ovens

Standard features

- ✓ 300°C maximum operating temperature.
- ✓ Carbolite 301 controller, with single ramp to set-point facility.
- ✓ Vertical single door (A) or horizontal double door (B) formats.
- ✓ Powerful vertical (A) or horizontal (B) airflow for optimum uniformity.
- ✓ Built to withstand the rigours of a production environment.
- ✓ Long lasting, polished 430 grade ferritic stainless steel internal case.
- ✓ Robust external construction from steel section & zinc coated mild steel panels.
- ✓ Mineral insulated metal sheathed heating elements.
- ✓ Low thermal mass insulation.
- ✓ Adjustable chamber ventilation.

Options

specify these at time of order

- ✦ Over-temperature protection to DIN 12-880 class 2 (recommended to protect valuable contents & for unattended operation).
- ✦ Digital process control timers with automatic switching at set temperatures.
- ✦ Programmable controllers with 8 or 20 segments & capability to store standard temperature profiles.
- ✦ Paperless DAQ (Data Acquisition) graphical recorders.
- ✦ Top access port for independent thermocouple.
- ✦ Cable access ports.
- ✦ Bespoke specifications are available for AMS2750 (NADCAP) & ISO/TS16949:2002 compliant applications.
- ✦ Additional shelves.



GP220A (with accessory floor stand)

- ✦ Viewing window doors.
- ✦ Through door illumination system.
- ✦ Floor stands, with or without castors.
- ✦ 3-Phase supply.

A series of robust ovens in vertical or horizontal configuration, designed for heavy use with precision temperature control and industrial grade hinges, door locks, and shelves.

Model	Max temp (°C)	Temp stability (°C)	Temp uniformity (°C)	Heat-up time to max (mins)	Recovery time to max (mins)	Dimensions		Shelves fitted/accepted	Shelves loading Each/total (kg)	Doors	Volume (litres)	Air changes /hr	Max power (W)	Power supply
						Internal H x W x D (mm)	External H x W x D (mm)							
GP220A	300	±0.5	±5.0	75	24	610 x 610 x 610	1240 x 862 x 850	3 5	15 45	Single	220	160	3000	Single
GP330A	300	±0.5	±5.0	80	28	915 x 610 x 610	1545 x 862 x 850	4 8	15 60	Single	330	110	4500	Single or 3 phase
GP450A	300	±0.5	±5.0	75	30	1220 x 610 x 610	1850 x 862 x 850	5 11	15 75	Single	450	80	6000	Single or 3 phase
GP220B	300	±0.5	±5.0	75	24	610 x 610 x 610	910 x 1190 x 850	3 15	15 45	Single	220	160	3000	Single
GP330B	300	±0.5	±5.0	80	30	610 x 915 x 610	910 x 1495 x 850	3 5	15 45	Double	330	110	4500	Single or 3 phase
GP450B	300	±0.5	±5.0	75	35	610 x 1220 x 610	910 x 1800 x 850	3 5	20 60	Double	450	80	6000	Single or 3 phase



Minimum operating temperature approximately ambient plus 10°C
 Uniformity is measured in an empty chamber with vents closed, after a stabilisation period
 Shelf loadings are based on evenly distributed weight



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.