

HT Industrial High Temperature Ovens

Standard features

- ✓ 400°C, 500°C or 600°C maximum operating temperature.
- ✓ 28, 95 or 220 litre capacity.
- ✓ Carbolite 301 controller providing single ramp to set point or countdown process timing.
- ✓ Rugged well proven design.
- ✓ Excellent performance & reliability.
- ✓ Door locks easily operated whilst wearing gloves.
- ✓ Stainless steel liner.
- ✓ Steel section construction.
- ✓ Stainless steel mesh shelves.



HT6/350 (with optional chart recorder & door interlock)

Ideal for applications such as tempering, glass annealing, preheating and stress relieving these small scale industrial ovens are able to operate efficiently up to 600°C

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 timer.
- ✦ Programmable controller.
- ✦ Additional shelves.
- ✦ Stoving & curing kit to extract volatile fumes.
- ✦ Chart recorders & paper free digital acquisition (DAQ) devices.
- ✦ Viewing window.
- ✦ Fixed or castor mounted floor stands.
- ✦ Standard spares kit.
- ✦ Bespoke specifications are available for AMS 2750 (NADCAP) & ISO/TS16949:2002 compliant applications.

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	Shelf loading Each/total (kg)	Volume (litres)	Max power (W)	Power supply
						Internal H x W x D (mm)	External H x W x D (mm)					
HT4/28	400	±0.5	±5.0	60	10	305 x 305 x 305	880 x 675 x 885	2 / 2	10 20	28	1000	Single phase
HT4/95	400	±0.5	±5.0	60	10	455 x 455 x 455	1010 x 880 x 1120	3 / 4	15 30	94	1500	Single phase
HT4/220	400	±0.5	±5.0	60	10	610 x 610 x 610	1160 x 1030 x 1280	3 / 4	25 50	227	2000	Single phase
HT5/28	500	±0.5	±5.0	60	16	305 x 305 x 305	880 x 675 x 885	2 / 2	10 20	28	2500	Single phase
HT5/95	500	±0.5	±5.0	60	16	455 x 455 x 455	1010 x 810 x 1120	3 / 4	15 30	94	3000	Single phase
HT5/220	500	±0.5	±5.0	60	16	610 x 610 x 610	1160 x 1030 x 1280	3 / 4	25 50	227	4500	Single phase or 2 phase
HT6/28	600	±0.5	±5.0	75	20	305 x 305 x 305	880 x 675 x 885	2 / 2	10 20	28	6000	Single phase
HT6/95	600	±0.5	±5.0	70	20	455 x 455 x 455	1010 x 880 x 1120	3 / 4	15 30	94	12000	Single phase or 2 phase
HT6/220	600	±0.5	±5.0	90	20	610 x 610 x 610	1160 x 1030 x 1280	3 / 4	25 50	1810	18000	Single phase or 3 phase



Minimum operating temperature approximately ambient plus 50°C
 Uniformity values are measured in an empty chamber with vents closed after a period of stabilisation
 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.