

HTMA HIGH Temperature Modified Atmosphere Ovens

Standard features

- ✓ 400°C, 500°C or 600°C Operating temperatures.
- ✓ 28, 95 & 220 Litre capacities.
- ✓ Digital PID temperature control using 301 controller including over-temperature protection.
- ✓ Rear mounted fan & side air guides give horizontal 'airflow'.
- ✓ Manual gas control via needle valves & flowmeters (nickel brass).
- ✓ Corrosion resistant, ferritic grade 430, stainless steel interior with perforated non-tip shelves & runners.
- ✓ Copper pipe-work with brass flow-meter & solenoid valves.
- ✓ Single side hinged door, with metal heat seal & rubber gas tight seal, closed using none slam lever switch.
- ✓ Suitable for continuous operation (see options*).
- ✓ Double skin construction for cool, safe, outer case.
- ✓ Hard wearing, zinc coated & stoved epoxy polyester coated exterior.



HTMA -/28 & HTMA -/95

Options

specify these at time of order

- ✦ Automatic gas control (requires a 3508 series programmable controller).
- ✦ Manual electronic gas control using 2x flow-meters & solenoid valves.
- ✦ Stainless steel pipe-work with brass flow-meter & solenoid valves.
- ✦ Stainless steel pipe-work, flow-meter & solenoid valves.
- ✦ A range of sophisticated digital control & multisegment programmers are available.
- ✦ RS232 / RS485 communications.
- ✦ Fixed or castor mounted floor stands.

A range of gas tight high temperature ovens for use with inert atmospheres in a batch production environment.

Model	Max operating temp (°C)	Heat-up time (mins)*	Recovery time (mins)*	Dimensions		Shelves fitted/ accepted	Volume (litres)	Max power (W)	Weight (kg)	Power supply
				Internal H x W x D (mm)	External H x W x D (mm)					
HTMA 4/28	400	50	10	305 x 305 x 305	880 x 675 x 885	2	28	1000	73	220/240V single phase
HTMA 4/95	400	75	16	455 x 455 x 455	1010 x 880 x 1120	3 / 4	95	3000	99	220/240V single phase
HTMA 4/220	400	120	20	610 x 610 x 610	1160 x 1030 x 1280	3 / 4	220	3000	179	220/240V single phase
HTMA 5/28	500	50	10	305 x 305 x 305	880 x 675 x 885	2	28	1000	73	220/240V single phase
HTMA 5/95	500	75	16	455 x 455 x 455	1010 x 880 x 1120	3 / 4	95	3000	99	220/240V single phase
HTMA 5/220	500	120	20	610 x 610 x 610	1160 x 1030 x 1280	3 / 4	220	3000	179	220/240V single phase
HTMA 6/28	600	50	10	305 x 305 x 305	880 x 675 x 885	2	28	1000	73	220/240V single phase
HTMA 6/95	600	75	16	455 x 455 x 455	1010 x 880 x 1120	3 / 4	95	3000	99	220/240V single phase
HTMA 6/220	600	120	20	610 x 610 x 610	1160 x 1030 x 1280	3 / 4	220	3000	179	220/240V single phase



Uniformity is measured in an empty chamber with vents closed, after a stabilisation period
 * Nominal values based upon a representative sample of products



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.