

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.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)1245 600560

Fax: +44 (0)1245 600030

Email: sales@keison.co.uk

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