

LHT Laboratory High Temperature Ovens

Standard features

- ✓ 400°C, 500°C or 600°C Operating temperatures.
- ✓ 30, 60 & 120 litre capacities.
- ✓ Carbolite 301 PID controller with ramp to set point function.
- ✓ Heavy duty convection fan for good uniformity.
- ✓ Low thermal mass insulation for energy efficiency & rapid heating.
- ✓ Corrosion resistant, polished stainless steel interior.
- ✓ 2 Multi-position shelves.
- ✓ Suitable for continuous operation (see options*).
- ✓ Double skin construction for cool safe outer case.
- ✓ Hard wearing, zinc coated & stoved epoxy polyester coated exterior.



LHT 6/60

Options

specify these at time of order

- ✦ Cable entry ports.
 - ✦ Over temperature protection to DIN 12-880 class 2 (recommended to protect valuable contents & for unattended operation)*.
 - ✦ A range of sophisticated digital control & multisegment programmers is available.
 - ✦ Optional overtemperature protection recommended for continuous operation & to protect valuable contents.
 - ✦ Process timer.
 - ✦ RS232 / RS485 communications.
 - ✦ Viewing window**.
 - ✦ Chamber illumination (requires viewing window)**.
 - ✦ Variable speed fan.
 - ✦ Floor stands & stacking frames.
 - ✦ Routine spares kit.
 - ✦ Extraction fan (may alter achievable uniformity).
 - ✦ Stoving & curing upgrade for use with small volumes of volatile solvent or paint fumes (comprises overtemperature protection, extraction fan and an explosion relief panel).
- **The stoving & curing option is not compatible with the viewing door or through door illumination options.

Model	Max temp (°C)	Temp stability °C	Temp uniformity @ 250°C	Heat-up time to max (mins)	Recovery time to max (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)					
LHT 4/30	400	±0.5	±5.0	50	10	300 x 300 x 305	570 x 860 x 550	2	30	1000	73	230V single phase
LHT 4/60	400	±0.5	±5.0	—	16	400 x 400 x 405	670 x 930 x 670	2 / 3	60	1500	99	230V single phase
LHT 4/120	400	±0.5	±5.0	—	20	645 x 455 x 405	920 x 1060 x 650	2 / 4	120	2250	179	230V single phase
LHT 5/30	500	±0.5	±5.0	—	10	300 x 300 x 305	570 x 860 x 550	2	30	2000	73	230V single phase
LHT 5/60	500	±0.5	±5.0	50	16	400 x 400 x 405	670 x 930 x 670	2 / 3	60	2250	99	230V single phase
LHT 5/120	500	±0.5	±5.0	—	20	645 x 455 x 405	920 x 1060 x 650	2 / 4	120	3000	179	230V single phase or 3 phase
LHT 6/30	600	±0.5	±5.0	70	10	300 x 300 x 305	570 x 860 x 550	2	30	2000	73	230V single phase
LHT 6/60	600	±0.5	±5.0	—	10 †	400 x 400 x 405	670 x 930 x 670	2 / 3	60	2250	99	230V single phase
LHT 6/120	600	±0.5	±5.0	—	—	645 x 455 x 405	920 x 1060 x 650	2 / 4	120	3000	179	230V single phase or 3 phase



3 phase (uses 2 phases & neutral of 380/220V – 415/240V supply)
 † Recovery to 500°C set-point



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.