LMS
Series 2
Cooled Incubators

Energy Efficient

& ECO Friendly

The LMS Cooled Incubator is a reliable and accurate temperature controlled cabinet (-10°C to +50°C) which has proved its worth over many years in laboratories both in the UK and overseas.
The design of the purpose built incubator facilitates the addition of optional extras to provide greater flexibility for individual use, making it suitable for a wide range of applications including:-

- The study of growth patterns of plants and insects
- B.O.D.Tests
- Seed germination & vernalisation
- Tissue culture
- Enzyme testing
- Serum studies
- Immunology
- Fruit fly culture
- Sample storage
- Product shelf life tests

Models

210 (135 litre) – freestanding
220 (200 litre) – freestanding
230 (290 litre) – freestanding
240 (420 Litre) - freestanding

Construction

- Exterior – white stove enamelled mild steel
- Interior – high impact ABS plastic
- Insulation – foamed polyurethane for optimum results

Two Year Guarantee

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Design

- Digital control with digital readout
- Fan assisted air circulation via premixing chamber
- Full P.I.D. heating control to ensure stable internal temperature
- Pre-set 70C safety cutout for total cabinet protection
- Electronics RF and TV suppressed
- Hermetically sealed refrigeration system
- Self-evaporating condensate drip-tray
- Doorlock
- White plastic coated wire shelves
- RJ 45 interface

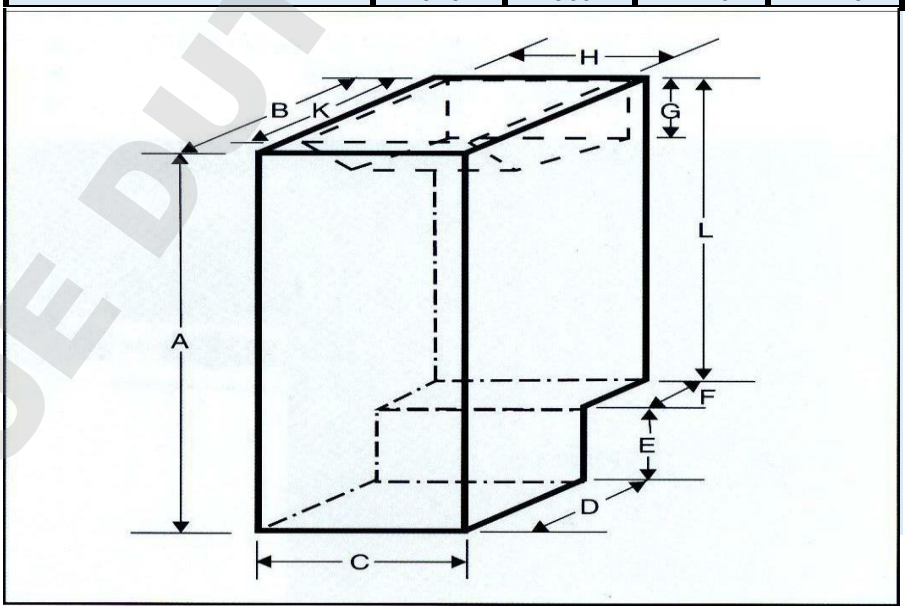
Operation

- Controls easy to read and simple to use
- Temperature range -10C to +50C excluding interior illumination) with average v
  (excluding interior illumination)
  with average variation of +/- 0.5C
  average workload
- Temperature set by direct reading digital controller

Optional Extras

- Automatic dual temperature control
- Interior LED lighting
- Built in chart recorder
- Manual high/low temperature audible and visual alarm system with safety cut-out
- Automattic Defrost
- Programmable audible alarm
- Access porthole
- Special evaporator for corrosive conditions
- Internal socket outlet
- Fully programmable controller

Model		210	220	230	240
External	Height	945	1370	1800	1770
Dimensions	Width	600	600	600	750
(MM)	Depth	660	640	650	780
Capacity	(Litres)	135	200	290	420
Shelf Size	(MM)	545x418	545x418	495x435	640x550
Number of Shelves		3	3	4	5
Unladen Weight		45Kgs	61Kgs	76Kgs	92Kgs
Internal	A	735	1045	1445	1450
Dimensions	B	425	425	440	570
(MM)	C	545	545	505	655
	D	340	320	310	430
	E	190	185	205	200
	F	85	105	135	145
	G	125	145	125	140
	H	470	470	470	585
	K	285	285	310	400
	L	545	860	1240	1225



LMS Limited reserve the right to amend the specification of all models without prior notice in the light of changing user techniques.

The standard voltage is 240v 50Hz but other volts/cycles are available.

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