

# Cooled Incubators Series 2

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

## Design

- Digital control with digital readout
- Fan assisted air circulation via premixing chamber
- Full P.I.D. heating control to ensure stable internal temperatures
- Pre-set 70°C safety cutout for total cabinet protection
- Electronics RF and TV suppressed
- Hermetically sealed refrigeration system
- Refrigeration isolation switch
- Self-evaporating condensate drip-tray
- Doorlock
- White plastic coated wire shelves
- RS 232 interface

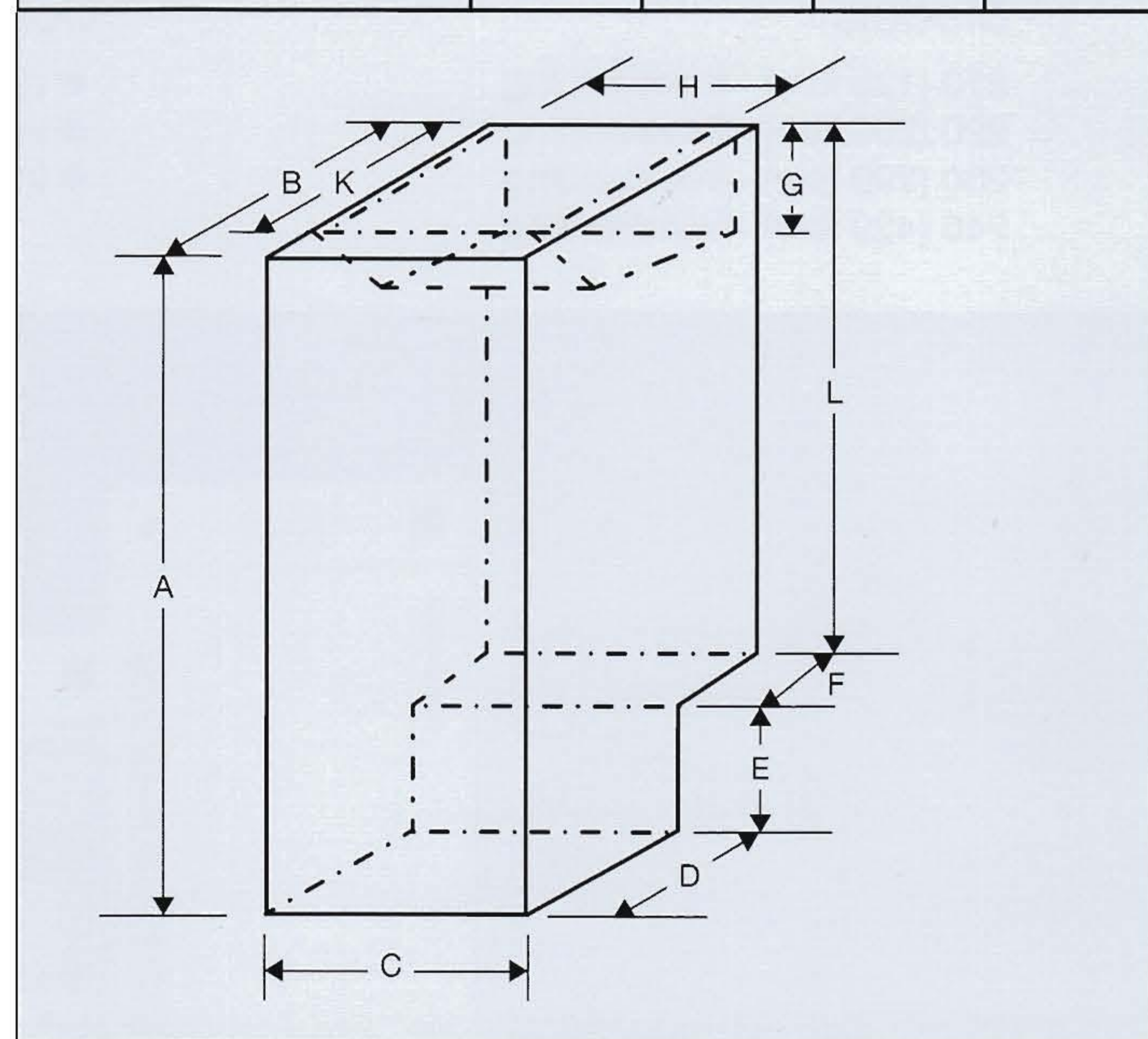
## Operation

- Controls easy to read and simple to use
- Temperature range: -10°C to +50°C (excluding interior illumination) with average variation of +/- 0.5°C and fluctuation of 0.1°C with average workload
- Temperature set by direct reading digital controller

## Optional Extras

- Automatic dual temperature control
- Interior fluorescent/u.v. lighting
- Inner clear perspex door
- Built in chart recorder
- Manual high/low temperature audible and visual alarm system with safety cut out
- Programmable audible alarm
- Automatic defrost
- Access porthole
- Special evaporator for corrosive conditions
- Internal socket outlet
- RS 485 interface
- Fully programmable controller
- Configuration software for Windows (for use with fully programmable controller)
- Pre-programming service, up to 5 different programs

MODEL		210	220	230	240
EXTERNAL DIMENSIONS (MM)	HEIGHT	945	1300	1670	1600
	WIDTH	600	600	600	750
	DEPTH	600	600	600	740
CAPACITY (LITRES)		135	200	290	420
SHELF SIZE (MM)		545 X 418	545 X 418	545 X 418	677 X 515
NUMBER OF SHELVES		3	4	5	5
UNLADEN WEIGHT		45kg	61kg	76kg	92kg
INTERNAL DIMENSIONS (MM)	A	735	1045	1420	1340
	B	425	425	425	530
	C	545	545	545	680
	D	340	320	320	435
	E	190	185	185	190
	F	85	105	105	95
	G	125	145	135	140
	H	470	470	470	585
	K	285	285	285	390
	L	545	860	1235	1150



LMS Limited reserves the right to amend the specifications 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.



**Wolflabs**

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**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

