

Design

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

Operation

- Controls easy to read and simple to use
- Temperature range -10°C to +50°C (excluding interior illumination and double glazed door models) with an average variation of $\pm 0.5^\circ\text{C}$ and a fluctuation of 0.1°C with an average workload (Note: with illumination on range 0.0 to +50°C with an average variation of $\pm 1.0^\circ\text{C}$)
- Temperature set by direct reading digital controller
- Automatic dual temperature and interior lighting controlled by 24 hour or optional 7 day timer

Optional Extras

- Built in paperless chart recorder
- Access porthole
- Special evaporator for corrosive conditions
- Internal socket outlet
- Fully programmable controller

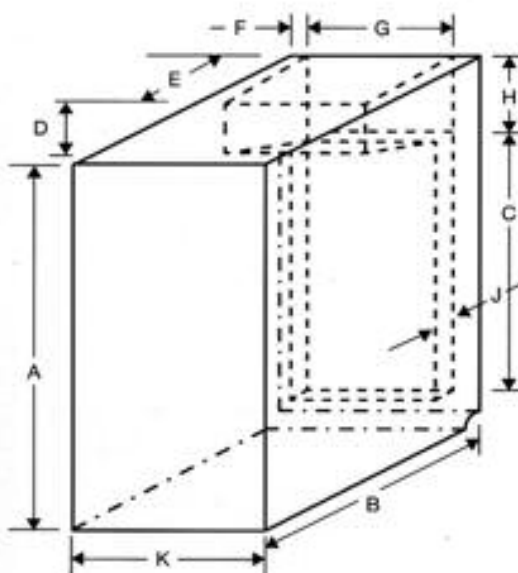
The standard voltage is 240v 50Hz but other volts/cycles are available.

LMS Ltd

LMS (a brand of Polestar Cooling Limited)

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Model		410XAL	610XAL	
External dimensions (mm)	Height	1810	2080	
	Width	690	740	
	Depth	920	860	
Capacity	(litres)	450	600	
Shelf Size	(mm)	530 x 600	530 x 550	
Number of Shelves		4	5	
Unladen Weight (kg)		140	160	
	A	1170	1500	
	B	700	680	
	C	840	1370	
	D	170	135	
	Internal dimensions (mm)	E	280	420
		F	72	90
		G	405	420
		H	250	180
		J	51	35
	K	550	600	



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