

### 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
- Doorlock
- White plastic coated wire shelves
- RJ 45 interface

### Operation

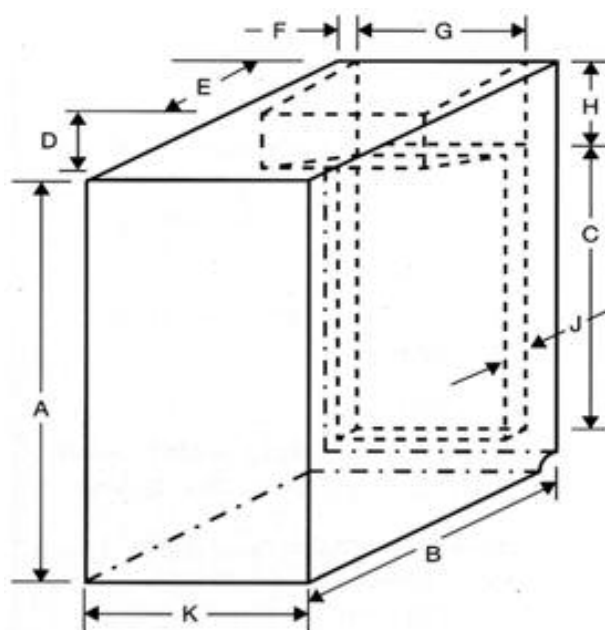
- Controls easy to read and simple to use
- Temperature range -10°C to +50°C (excluding interior illumination and double glazed door models) with an average variation of  $\pm 0.5^\circ\text{C}$  and a fluctuation of  $0.1^\circ\text{C}$  with an average workload
- Temperature set by direct reading digital controller

### Optional Extras

- Automatic dual temperature control
- Interior LED lighting
- Inner clear perspex door
- Built in paper less chart recorder
- Manual high/low temperature audible and visual alarm system with safety cut-out
- 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.

| Model                    |          | 100     | 200     | 300     | 400     |
|--------------------------|----------|---------|---------|---------|---------|
| External dimensions (mm) | Height   | 800     | 1550    | 1810    | 1810    |
|                          | Width    | 610     | 680     | 680     | 690     |
|                          | Depth    | 630     | 670     | 670     | 920     |
| Capacity                 | (litres) | 100     | 227     | 290     | 450     |
| Shelf Size               | (mm)     | 530x400 | 510x390 | 510x390 | 510x600 |
| Number of Shelves        |          | 2       | 3       | 3       | 3       |
| Unladen Weight           | (kg)     | 50      | 125     | 130     | 140     |
| Internal dimensions (mm) | A        | 490     | 920     | 1170    | 1170    |
|                          | B        | 440     | 450     | 450     | 700     |
|                          | C        | 350     | 590     | 840     | 840     |
|                          | D        | 130     | 170     | 170     | 170     |
|                          | E        | 310     | 280     | 280     | 280     |
|                          | F        | 40      | 72      | 72      | 72      |
|                          | G        | 470     | 406     | 406     | 406     |
|                          | H        | 130     | 250     | 250     | 250     |
|                          | J        | 45      | 51      | 51      | 51      |
|                          | K        | 540     | 550     | 550     | 550     |
|                          |          |         |         |         |         |



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



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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.

