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## **OPERATING INSTRUCTIONS**

DRYING / WARMING CABINETS  
DC RANGE

INSULATED WARMING CABINETS  
IWC RANGE

## DRYING / WARMING CABINET

### 1. UNPACKING

- 1.1 Remove packaging from shelves and glass doors. Take care not to discard shelf supports and mains cable, which are packed inside the cabinet within the wrapping. Fit shelf runners and shelves to required positions.
- 1.2 For 125 & 250 litre units only: - Fit the glass doors. Insert the rear door first by pushing the glass door fully up to the top of the rear track and allow to slide down into the lower rear track. Check the door slides freely and is retained by the tracking. Insert the front door in the same manner and check that it slides freely.

### 2. MAINS SUPPLY

- 2.1 **240 volt units.** Each unit comes supplied with a mains connection lead already fitted with a correctly rated fuse. The fuse rating and other details for each unit are shown on the voltage plate riveted to the back of the unit. It is important that, if the fuse needs to be replaced, it must ONLY be replaced with one of the correct rating.
- 2.2 **110 volt units** are supplied with a cable but without a plug or fuse. These units should be wired in by a suitably qualified electrician to the following:-

BROWN	'L' Live pin	For fuse ratings for your unit please refer to the voltage plate attached to the rear of the unit.
BLUE	'N' Neutral pin	
GREEN/YELLOW	'E' Earth pin	

### 3. OPERATION

- 3.1 DC125 & DC250 only: insert shelf runners to desired positions.
- 3.2 Load shelves.

#### **THERMOSTATIC CONTROL:-**

#### **3.3 DC125, DC250, IWC100 & IWC200 – NATURAL CONVECTION**

- 3.4 Switch on via the illuminated mains switch on the control panel.
- 3.5 Select temperature setting required. Temperature settings are shown on dial.
- 3.6 The amber lamp should cycle on and off as the unit reaches set point temperature.
- 3.7 If overheat thermostat fitted, set temperature 5 to 10 degrees above the desired control temperature.

#### **3.8 DC500, DC1000, IWC425 & IWC885 - FORCED AIR CIRCULATION**

- 3.9 Switch on using the rotary switch (0/1).
- 3.10 Set to the temperature setting required. The unit is also fitted with an over-temperature thermostat which should be set to 5 - 10 degrees above the desired control temperature.

### 3.11 UNITS FITTED WITH DIGITAL CONTROL. (R38 – SINGLE DISPLAY)

- 3.12 Set the main temperature controller to the desired temperature by pressing '▼' button once to show 'sp1' then use the up or down buttons to alter the set point. Press the "p" button to accept the change. The operational parameters of the controller have been factory set to cover a wide range of temperature and load conditions. The display will revert back to the chamber temperature if no button is pressed for approximately 10 seconds.

*Note: If manual reset fitted then press the red reset button to energise the overheat circuit. The red lamp will extinguish. If the red lamp stays on then either the temperature inside is too hot or there is a fault. If there is a fault please contact your supplier.*

### 3.13 UNITS FITTED WITH DIGITAL CONTROL. (K39 – DUAL DISPLAY)

- 3.14 Set the main temperature controller to the desired temperature by pressing 'P' button once to show 'sp1' then use the up or down buttons to alter the set point. Press the 'P' button once again to accept the change. The display will revert back to the normal display if no button is pressed for approximately 10 seconds. The operational parameters of the controller have been factory set to cover a wide range of temperature and load conditions.

**Note: Top display shows actual temperature and bottom display shows set temperature**

- 3.15 If the chamber temperature rises above the overheat set temperature, the red lamp will be illuminated and the heat control circuit will be disabled. Control will switch back the main temperature controller once the chamber temperature falls below the overheat set temperature. If the red lamp will not go out or keeps coming on there may be a problem with the unit. *In this case please consult your supplier*

## 4 WARNING: The following precautions MUST be observed:-

- 4.1 Do not place items with excess water into the cabinet, e.g. drain glassware before use.
- 4.2 Do not place the cabinet flush to a wall. A small gap must be left to allow free circulation of air.
- 4.3 Clean off any spillage from the cabinet floor.

### 4.4 THIS UNIT IS NOT SUITABLE FOR USE WITH FLAMMABLE SOLVENTS.

## 5. PREVENTATIVE MAINTENANCE

Every 6 months:

Carry out an electrical safety check using a Portable Appliance Tester, operated by a suitably trained person.

## 6. GENERAL

Take the normal precautions not to allow water to come into contact with electrical components.

The outer surfaces can be cleaned with a warm, damp soapy cloth or any proprietary cleaner suitable for a painted surface (do not use solvents or harsh abrasives).

The chamber may also be cleaned as above.