

**OPERATING INSTRUCTIONS FOR  
LEEC DRYING CABINET  
MODELS  
F1, FC1, FX1, FCX1, F2, FC2, FX2,  
B1, BC1, BX1, B2, BC2, BX2,  
LS and SS.  
(240V, 50Hz)**

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## 1.0 GENERAL DESCRIPTION

LEEC Drying Cabinets are made from mild steel and are finished in powder-coated paint. The glass doors are toughened to BS 6206 for your safety. The shelves are made from wire mesh which is chrome plated. The temperature is controlled by a Simmerstat, which gives any desired heat up to a maximum of 50°C above ambient. Fan assisted models that are fitted with an optional boost heating element can operate up to 75°C above ambient. 'F' and 'B' ranges are free standing. 'LS' and 'SS' can be wall mounted or free standing.

## 2.0 INSTALLATION AND PRECAUTIONS

LEEC Drying Cabinets get hot! When choosing a suitable location for installing your Drying Cabinet, make sure it is away from combustible materials / soft furnishings / flammable liquids etc.

- 2.1 When the cabinet has been successfully located, it may not be level or the glass doors may not align properly. Adjustable feet are provided to correct this problem. (The adjustable feet can be found underneath the front edge of the following cabinets - F1, FC1, FX1, FCX1, F2, FC2, FX2, B1, BC1, BX1, B2, BC2 and BX2).
- 2.2 Connect the power lead to a 240V AC, 13A mains supply. The power lead is factory fitted with a moulded UK 3 pin plug. The wiring inside the power lead is colour coded as follows: -

**Brown = Live**

**Blue = Neutral**

**Green / Yellow = Earth**

- 2.3 The plug is fitted with a fuse. A secondary internal fuse provides additional protection. ***Always replace a blown fuse with a fuse of the same rating.***

### 2.4 **WARNING - BEFORE PAT TESTING**

The heating elements in LEEC Drying Cabinets can absorb moisture from the air after leaving the factory if stored in cold or damp conditions. The equipment cannot be assumed to meet all the insulation safety requirements of IEC 1010-2-010, 1992 unless it has been thoroughly dried out. Drying out requires the cabinet to be run at full power for a period of at least 4 hours. If the unit still gives a low reading after drying out, please contact LEEC on 0115 961 6222.

### 2.5 **Extractor Ducting**

Models FX1, FX2, BX1 and BX2 are fitted with a metal extract chimney on top. This feature allows you to connect the cabinet to an extract duct. We recommend that 110mm diameter plastic soil pipe is used for this purpose.

(LEEC does not supply plastic soil pipe – it should be purchased locally).

### **3.0 OPERATING INSTRUCTIONS**

#### **3.1 Heating Control**

A Simmerstat energy regulator controls the heating. The figures on the control knob are arbitrary. Turning the control knob clockwise increases the temperature. The green neon lamp illuminates when the cabinet is connected to the electrical supply. An amber neon lamp illuminates when the heaters are on.

The Simmerstat setting may have to be adjusted to compensate for a marked change in ambient temperature, as the Simmerstat is an energy-regulating device.

3.2 The shelves are fully adjustable at 25mm centres on hinged door models, and 19mm centres on sliding door models. It is important not to place objects on the perforated floor as this inhibits the distribution of heat. ***Do not overload the shelves.***

#### **3.3 Models with Circulation Fans**

The illuminated 'ON/OFF' switch located on the top of the cabinet controls the circulating fan for improved drying performance.

#### **3.4 Models with Extractor Fans**

The illuminated 'ON/OFF' switch located on the top of the cabinet controls the extractor fan. Opening the sliding shutter to the required position varies the airflow rate.

#### **3.5 Model FCX1 (combined Circulation / Extract System)**

The butterfly valve system adjusts the proportion of air circulated or extracted by a single more powerful fan unit. The illuminated 'ON/OFF' switch located on the top of the cabinet controls the fan.

### **4.0 MAINTENANCE AND CLEANING**

LEEC Drying Cabinets do not require routine maintenance, but regular cleaning of the cabinet with a damp cloth and a mild detergent solution is recommended.

In the event of spillage of hazardous materials, use the appropriate decontamination method as prescribed by the H.S.E. or Local Safety Officer. If you have any questions, please contact our Service Department for advice on 0115 961 6222.