

# **OSBORNE REFRIGERATORS LTD**



**INSTALLATION AND USER MANUAL**

**MODEL 4200 / 4300**

## **INTRODUCTION**

This refrigerated cabinet is designed to store wine, beer and food conveniently and efficiently. With a little care, as described in this manual, it should give a long and trouble free life.

## **UNPACKING**

Check the cabinet for obvious signs of damage while unwrapping, and contact your supplier if you are concerned about its condition. If the cabinet has been stored horizontally in transit, allow it to stand upright for an hour before plugging power cord into supply.

## **ELECTRICAL CONNECTION**

The cabinet is complete with a factory-fitted fused plug suitable for a 13amp socket outlet. This appliance **must** be earthed.

## **LOCATION**

Do not site the cabinet near a source of heat, such as a boiler or radiator, or in direct sunlight. This will conserve energy and reduce running costs. Do not place the cabinet on uneven or thick carpeted floors - only a solid surface ensures unrestricted air flow around the refrigeration system. Install the cabinet on a level surface - an uneven surface can increase vibration and affect alignment of doors. The cabinet should be vertical or leaning fractionally backwards - it **must not** lean forward.

## **RECOMMENDED OPERATION**

Once the unit is stocked and in use, leave the cabinet to run continuously. If the unit is to be taken out of commission for a period of time, switch off at the mains and prop the door open to allow air to circulate.

## **THERMOSTAT SETTING**

The cabinet is thermostatically controlled (see fig 1). The control dial can be set from 1 (warmest) to 7 (coldest). Normally, a setting of 3-4 (indicated by marker) will maintain the cabinet at a suitable temperature but further adjustment may be necessary to allow for ambient conditions, frequency of door openings or other factors. Turning the control fully anti-clockwise (past 1) turns the cabinet off. The dial is found on the top front panel.

## **SHELF CLIPS**

Please ensure that the shelf clips are installed the correct way up (see fig 2). They will not support a loaded shelf if they are the wrong way up and damage will be done to the cabinet.

## **ROUTINE MAINTENANCE & CLEANING**

This cabinet has been designed so that most maintenance can be carried out by the owner. Switch off at the mains before attempting maintenance. The light tube and starter are easily accessible (see over for details) and the light switch is found on the top panel above the air vent. This air vent must be kept unobstructed.

## **CLEANING THE CONDENSER**

A clean condenser will give more efficient running and longer cabinet life. Cleaning the condenser requires no specialist knowledge or equipment and should be carried out regularly. Simply remove the front cover plate and use a brush or vacuum cleaner to remove dust and fluff from the condenser whenever it builds up (see fig 3).

**Important - If the condenser becomes blocked it will seriously effect the cooling performance of the cabinet. Prolonged blockage can lead to overheating and failure of the refrigeration system.**

## **ALWAYS KEEP THE CONDENSER CLEAN**

## **GENERAL CLEANING**

Before use, and periodically thereafter, clean the inside of the cabinet with a soft cloth and a solution of one teaspoon of Bicarbonate of Soda (Sodium

Bicarbonate), to one litre (1¾ pints) of warm water. Rinse with clean water and dry thoroughly. Clean the outside of the cabinet as necessary with mild detergent and warm water. Rinse with clean water and dry thoroughly. Ensure that the door seal and the front edge of the cabinet are thoroughly cleaned. **Do not** use abrasives of any kind on the cabinet.

## DOOR GASKETS

Wine, beer and other sugary liquids spilt on the gasket will cause the door to stick which will tear the gasket. Please clean regularly as instructed above. If the door gasket requires replacement, it is usually easier to remove the door (see fig 4) and lay it down to avoid the glass unit falling out. Simply remove all the screws from the retaining strips, remove strips and remove the gasket. Replace with a new gasket and reverse the above instructions.

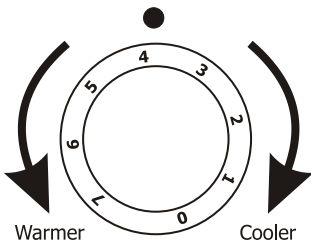


fig 1

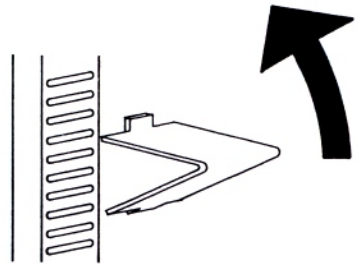


fig 2

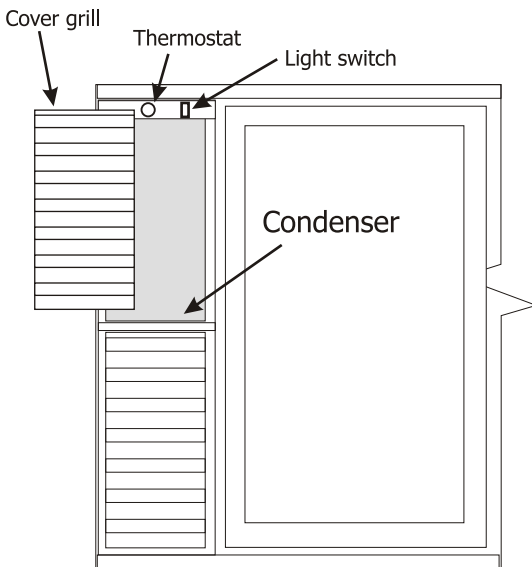


fig 3

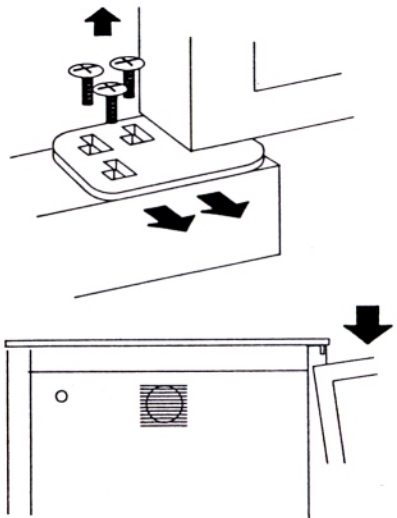


fig 4

## **CHANGING THE FLUORESCENT LAMP AND STARTER**

Interior fluorescent lamp is Cool White. It and the starter are available from most electrical factors. Open the door and remove the row of screws situated on the front of the top panel. Remove the panel and the perspex light cover. Ease the lamp from its spring clips and remove end caps from the lamp. To replace, reverse the process, ensuring that the back of the perspex cover fits within the housing. The starter is situated on the bottom of the thermostat / switch panel. Push and twist to remove from its bayonet fitting. Replace likewise.

### **BASIC FAULT FINDING**

Loss of cooling- Check power supply

- Check thermostat is correctly set
- Check product is not forcing grill on to circulation fan stopping rotation and air circulation
- Check gasket is sealing properly
- Check condenser is clear
- Check air vents are unobstructed

Loss of lamp - Check fluorescent tube

- Check starter

### **The guarantee shall not cover any fault or defect caused by:**

Parts not assembled in accordance with the instructions of the manufacturer

Careless operating, handling and misuse and/or lack of maintenance

External sources such a weather or transit damage (except where reported at time of delivery)

Repairs or alterations carried out by unauthorised parties or agents

Normal wear and tear including door gaskets and any damage caused by harsh cleaning materials

Damage caused by the use of parts and accessories other than those produced or recommended by the manufacturer

## **OSBORNE REFRIGERATORS LTD**

**Rose Green Road**

**Bognor Regis**

**PO21 3EG**

**service@osborne-ref.co.uk**

**www.osborne-ref.co.uk**

**Tel +44(0)114 285 2345**

**Fax +44(0)114 232 1070**

© 2007 Osborne Refrigerators Ltd