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# **SET UP INSTRUCTIONS FOR LABORATORY REFRIGERATORS FOR MODELS**

NLM

NBM

NLAB

***Please Read instructions prior to using cabinet***



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## **Set up instructions for Laboratory Refrigerators**

Dear customer,

Thank you for choosing our Laboratory refrigerator, to ensure the cabinet is installed correctly please follow the following steps.

### **Important safety instructions**

1. To obtain full use of the cabinet, we recommend reading this instruction manual.
2. It is the user's responsibility to operate the appliance in accordance with the instructions given.
3. Contact your dealer immediately in case of any malfunctions.
4. Place cabinet in a dry and ventilated place.
5. Keep cabinet away from strongly heat-emitting sources and do not expose to direct sunlight.
6. Always keep in mind that all electrical devices are sources of potential danger.
7. Do not store inflammable material such as thinner, gasoline etc. in the cabinet.

### **Unpacking and installation.**

1. Unpack and place in position.
2. Ensure refrigerator is level.
3. Position shelves at the desired levels you require.

### ***If you want to build in your cabinet please note the following***

1. There must be at least 10cm free space above cabinet in order for the cooling system to work satisfactorily.
2. There must be sufficient space at the hinge side to clean and replace the shelves and clean around the hinge.



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### **Electrical Connecting**

1. This cabinet operates on 240v 50Hz
2. The wall socket should be easily accessible
3. All earthing requirements stipulated by local electricity authorities must be observed, the cabinet plug and wall socket should then give correct earthing. If in doubt, contact your local authorised electrician.
4. The flexible cord fitted to this appliance has 3 cores for use with a 3 pin 10amp.
5. The wires in the mains lead are coloured in accordance with the following code
  - a. Green/Yellow: Earth
  - b. Blue: Neutral
  - c. Brown: Live

### **Start-up of cabinet**

**IMPORTANT** – if the cabinet has been horizontally placed during transport, please wait 2 hours before starting up cabinet

### **Light**

The light switch is placed on control panel or next to controller

### **Temperature Probe**

Is located inside evaporated casing, access is by removing 4 screws if required

### **Lock**

The lock is either fitted on door extrusion or on top of door



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## **Power**

- Plug 3 pin socket into 240 volt power outlet and switch on power, there is up to 60 second delay prior to compressor starting up. Light switch may need to be turned on.
- Cabinet temperature has already been set unless specified, it has been programmed for 3 or 4°C however this can be adjusted, refer to Dixel controller instructions located at rear of the manual if you require.
- Cabinet temperature will slowly start to drop it could take up to 30 minutes prior to reaching desired temperature, if this has not been achieved then contact your local distributor and turn cabinet off at power supply.

## **Door Ajar Alarm**

If your cabinet has been fitted with door ajar alarms, alarm can be set from 1 minute to 15 minutes should you wish to alter timing for door ajar alarms, please refer to dixel control instructions if required mounted near compressor compartment.

## **Heating and cooling cabinet**

Any of our laboratory refrigerators can be operated at a higher temperature e.g. 15°C to 25°C by having a heating system fitted with a special controller which enables either refrigeration or heating system to operate independent to each other.

**Alarms-** should cabinet go into alarm mode, a red mute button is fitted on front panel, push button and hold for 2-3 seconds to turn off alarm. Then investigate as to why it alarmed or contact your local dealer.

## **Preventative maintenance**

It is essential that condenser be kept clean at all times. Condenser is similar to car radiator. Turn power supply off and brush in a vertical motion to remove any carpet fibres, fluff etc. this can vary from one location to another; it may be necessary to do this every 3 months.



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**Cleaning of refrigerator.**

It will be necessary to clean the interior and exterior of your cabinet from time to time.

Do not use any harsh chemicals or scorers, simply detergent, warm water and a cloth.

**Glass door** – use glass cleaner

If refrigerator is stainless then after warm water and detergent you may use a stainless cleaner.

Should you require any other information please contact your local dealer or us on 03 9562 3355