



REFRIGERATED PREPERATION TOPS

MANUAL OF INSTRUCTIONS FOR USE AND INSTALLATION

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1. REGULATIONS AND GENERAL WARNINGS

1.1 Declaration of Conformity

This product has been produced to the highest specification in order to reach you in perfect working order. It has been manufactured to the highest European standards of quality and safety.

The appliance and its components or parts thereof are guaranteed against manufacturing defect and will be replaced free of charge in such an instance.

Any faults arising from failing to adhere to the instructions in this manual or misuse or incorrect use of this product will remain the sole responsibility of the owner and may invalidate the warranty.

1.2 General Safety Rules

This list of general rules is given for skilled technical personnel with a good working knowledge of electrical and refrigeration installations:

- The appliance must be connected to the mains through an omnipolar switch with a contact separation of at least 3mm (required for appliances supplied without a plug to be connected to a permanent installation)
- Ensure the voltage and frequency of the mains supply correspond with the information on the rating plate
- Disconnect the unit from the mains power supply before any cleaning or maintenance
- Do not touch electrical parts with wet hands
- Always use suitable tools for the parts to be handled
- Avoid letting any tool come into contact with any moving parts (fans etc)

1.3 Rules for Correct Operation

The list of rules given below are provided for both the installer and the user as they are to attain optimum performance from the machine:

- Avoid obstructing the area above, around the cabinet and particularly the condenser to allow ventilation and heat dispersal
- Always keep the front of the condenser clean by using a soft brush to clear dust and avoid use of rigid metal utensils which could damage the condenser fins
- Check the surface the unit is to be sited on is flat and level
- Avoid loading hot and uncovered foodstuffs into the cabinet, and do not load anything until the cabinet has reached the required temperature.

2. TECHNICAL DATA

2.1 Machine Description

The appliance consists of a horizontal refrigerating showcase for storing foodstuffs and is made up of 3 different areas:

- Condensation Area – This is situated on the right hand side and is identified by the motor condensing unit
- Cooling Area – This is situated inside the foamed insulation and consists of a copper tube applied to the internal compartment
- Storage Area – Consists in trays inside the internal compartment where foodstuffs are stored.

2.2 Guards and Safety Devices

All the refrigerated display cabinets are designed and manufactured according to criteria aimed at safeguarding the user

- Risk from Moving Parts – To avoid accidental contact of the operators fingers with the blades of the condenser fan, the appliance is fitted with a special guard with airing slits. For safety reasons to gain access to the motor condensing area the cover must be removed by loosening the fixing screws with a special tool.
- Risk from Electric Shock – The electrical system has been designed to standard **CEI EN 60204-1**. To avoid accidental contact with live parts, all electrical pieces of equipment have been protected by metal guards which can only be removed using specific tools. Special stickers highlighting the presence of Mains voltage are applied near areas where there may be an electrical hazard.



ATTENTION!!

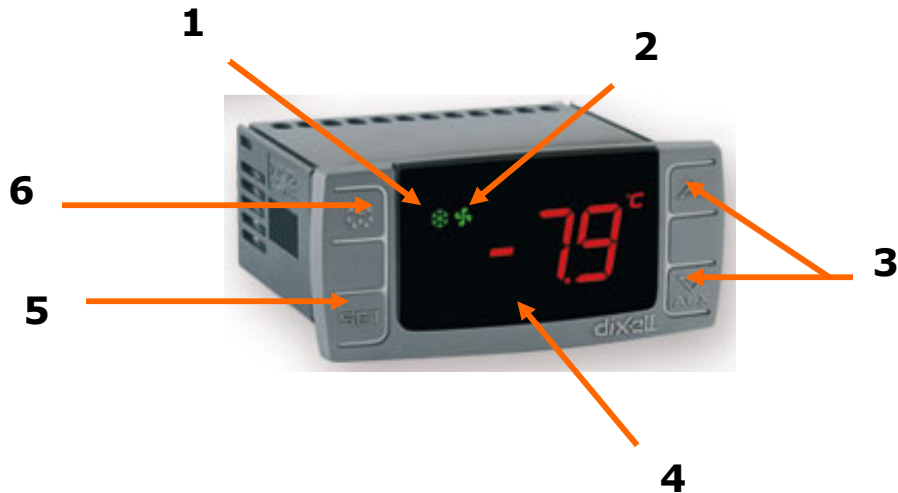
**UNDER NO CIRCUMSTANCES MUST THE SAFETY DEVICES BE
TAMPERED WITH OR REMOVED**

**FAILURE TO ADHERE TO THIS WARNING RELIEVES THE
MANUFACTURER OF ANY LIABILITY**

3. OPERATING INSTRUCTIONS

3.1 Description of the Operating Controls

All the manual controls are on the right hand side of the unit. The controls are shown in the illustration below:



1. Defrost Light
2. Compressor Operation Light
3. Temperature Adjustment Keys
4. Digital Thermostat
5. Set Key
6. Defrost Button

3.2 Instructions for Setting Up and Adjusting

A.) **Setting the Temperature** – The factory set temperature can be seen by pressing the **SET** button. The temperature is displayed for a few seconds, during which it may be changed using the two adjustment buttons on the controller, press the **SET** button again to set to the desired temperature. The temperature may be set anywhere between the maximum (8°C) and Minimum (2°C) levels

B.) **Defrosting** – The internal compartment must be defrosted periodically by following this sequence:

- Disconnect the appliance from the mains
- Wait until the traces of ice in the refrigeration compartment have melted
- Dry the refrigeration compartment with a soft cloth
- Reconnect to the power supply and switch **ON**

3.3 Troubleshooting

The causes of malfunction are often due to problems that can easily be resolved on site. Check the following points, according to the problem encountered, and carry out the corresponding fix before calling technical support.

1. The Refrigeration Unit Does Not Start

- Switch to the OFF position and switch back ON again, the unit should start after 3 seconds
- Check unit is correctly connected to the power supply

2. The Unit Does Not Cool Sufficiently

- Ventilate the room and ensure the unit is away from any direct heat sources
- Clean the Condenser
- There may be insufficient refrigerant gas, or the condenser fan may have stopped. In these instances, contact technical support

3. The Unit Does Not Stop Cooling when It Reaches Temperature

- This may be a broken sensor, contact technical support
- This may be a faulty thermostat, contact technical support

4. The Unit is Excessively Noisy

- Ensure the unit has been sited on a flat and level surface
- Check for any loose screws, nuts or bolts
- Move unit away from any other units that may be in contact

If any of the above fail to resolve the problem, contact your technical support centre quoting serial number, model number and nature of fault

4. MAINTENANCE

4.1 Routine Maintenance & Cleaning

Before putting into operation, all parts of the cabinet must be cleaned. For the interior of the cabinets, a solution of neutral detergent and warm water is recommended using a moistened cloth. Dry both the interior and exterior of the cabinet with a soft dry cloth. Do NOT use harsh abrasive detergents or cleaning materials such as scourers, wire wool etc. Use extra caution when cleaning moving parts with sharp edges such as evaporator, condenser etc and always use protective gloves.

Cleaning of Condenser

For improved performance, clean the condenser at least once a week. Before beginning, ensure the unit is disconnected from the power supply then proceed as follows:

- Unscrew and remove protective grill
- Remove the dust deposited on the front surface of the condenser using a soft brush and vacuum cleaner. When complete, replace grill and screw securely

Cabinet Not in Use

During periods of inactivity, remove the products from the cabinet and follow these instructions:

- Disconnect the unit from the power supply, ensuring all switches are set to OFF
- Carefully clean the unit as described above
- Cover the cabinet with a cloth or cover that allows air circulation around the cabinet.

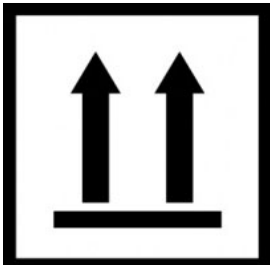
5. TRANSPORTATION & HANDLING

A forklift truck or a transpallet should be used to lift and move the packed product, paying particular attention that the weight is evenly balanced to reduce the risk of tipping.

The packaging consists of a cardboard and wooden pallet by clinching it from the inside.

A set of symbols are printed on the cardboard packaging, according to international regulations giving indications which could be observed during loading and unloading operations, handling and storage of the appliances.

These symbols are as follows:



TOP



FRAGILE

Handle With Care



DO NOT
EXPOSE TO
HUMIDITY

Stackable Limit

During both transportation/handling and storage, a maximum of **2** appliances may be stacked.

6. STARTING

6.1 UNPACKING INSTRUCTIONS

- The appliance should be unpacked immediately to check it is intact and has suffered no damage during transit.
- Any damages should be reported immediately to the carrier
- Do not use sharp tools to cut the cardboard and this may damage the underlying steel panels.
- Assemble the feet or alternatively, the fixing brackets of the marble case
- Level the appliance by tightening or unscrewing the bottom part of the feet
- Remove the PVC protective film from the interior and exterior walls, avoiding the use of metal tools.

6.2 ELECTRICAL CONNECTION

Before connecting the appliance to mains, check that the voltage and the frequency of the latter correspond to the data shown on the rating plate attached to the rear of the appliance.

A tolerance of $\pm 10\%$ of the rated voltage is allowed



ATTENTION: Do not use plugs or outlets which are not properly earthed!!

The connection is made through a differential switch with a suitable capacity in order to protect the appliances from overloads or short circuits.

6.3 ASSEMBLING THE GLASS

Carry out the following instructions, using the diagram below as a guide:

Fix the side panes **1** and **2** to the steel structure by using screws (**3**)

Fix the back pane **5** to the side panes **1** and **2** by using brackets (**6**)

Place the cover pane **4** onto the assembled structure and secure it



For replacement or spare parts, scan the QR code below with your smartphone or reader. Alternatively, visit www.pentlandparts.co.uk



Blizzard
Refrigeration
Spares

This manual was compiled by
www.pentlandwholesale.co.uk
