



## AG EQUIPMENT

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## Models

**GNX2100TN, GNX2100TNG, GNX2100BT, PAX2100TN,  
PAX2100TNG, GNX3100TN, GNX3100TNG, GNX3100BT,  
PAX3100TN, PAX3100TNG, GNX4100TN, GNX4100TNG,  
SH2000-700, SH2000-800, SH3000-700, SH3000-800.**

## User Manual prototype

### Possible Introduction

Please read in full through this manual before handling of the unit. Proper operation, maintenance and practice will ensure the longevity and performance of the unit. These knowledge and practices will assist all staff members who operates this unit to minimise any safety issues and perform scheduled required maintenance.

### Safety Tips = Warning / Cautions??

- Headings below with exclamation mark **Warnings !** contains information that must strictly be adhered to.
- After reading this manual, please store it at an easily accessible location (near the unit) where the operator(s) of the unit can easily locate and reference from.

### **Warnings ! mishandling or misuse of the unit could lead to death or serious injury.**

- A qualified service agent **MUST** perform the installation, carry out any/all repairs and/or access any service panels or handle any components of the unit.
- Use of direct jet/pressure washers for the purpose of cleaning the unit is **strictly prohibited**. Otherwise, damage will occur, where warranty will be void, and / or harm can result to the applicator.
- During schedule maintenance of defrosting the unit, **DO NOT** use mechanical devices or other appliances to accelerate the defrosting process.
- **DO NOT** place or have electrical appliances running inside the unit.
- When preparing to clean the unit, switch off and disconnect the power supply from the wall socket.
- If the power cord is damaged, it **MUST BE** replaced by an AG Equipment recommended service agent or a qualified electrician to avoid a hazard.
- This appliance is not intended for use by children or person(s) with reduced physical, sensory, or mental capacity; or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

### **Caution ! mishandling or misuse of the unit could lead to possible injury or serious injury.**

- Unit should be positioned on a stable and even surface at the premises.
- Refer to National and Local Standards to adhere to the following practices, regulations, and legislations.
  - Building Regulations
  - Health and Safety at Work Legislation
  - Fire Department Regulations and Precautions
  - IEE Wiring Regulations
  - BS EN Codes of Practice
- This unit is NOT suitable for medical supplies storage.
- This unit is not designed to withstand the weight of a person or child, on the base, drawers, or doors. Please refrain from standing or climbing on to this unit. Door hinges and glass doors are not covered under warranty.
- Oil and fat can affect the plastic and door seal material on the unit. Please ensure to remove these residues immediately. Refer to the "Cleaning, Care and Maintenance" section for instructions on how to clean the unit correctly.
- When storing highly concentrated alcohol in the unit, ensure that the bottle is sealed and is in a vertical position.
- If the unit requires repositioning, relocating or put into storage, ensure that the unit remains vertical by supporting the base of the unit during relocation.
- When removing the packaging, keep all packaging materials away from children. Conform with local authorities' regulation and legislature when disposing of the packaging materials.
- Children should be supervised to ensure that they do not play with the appliance.

### **IMPORTANT NOTES:-**

- When positioning and allocating a space for this unit (enclosed or open interior space), please allow for sufficient ventilation as per User Manual's instruction. Failure to provide enough ventilation space will compromise the compressor and void warranty.
- You **MUST** not use the unit outside or exposed the unit to direct or indirect sunlight. Where ambient temperature is unable to be maintained below 38 degrees and 65% humidity. This can result in damage to the internal workings of the unit due to excessive overloading of the sensitive components. If ambient temperature is not maintained, warranty of the unit will be void.

## **Installation**

### **Caution! Note:**

When opening unit initially and before operation, allow unit to stand vertically for approximately 12 hours.

If the unit has been moved or not in the vertical orientation during storage. Before operating, allow unit to stand vertically for approximately 12 hours.

1. Ensure that all packaging, protective plastic films and/or other protective devices are removed from all surfaces of the unit.
2. As per previous warning, when positioning and allocating space for the unit, a minimum distance of 150mm must be maintained either at the rear or the right side of the unit of the partitions/walls or other appliances/objects which can affect the ventilation required for this product. If there is a heat source near the allocated space, you must allow for further distancing to ensure the required ambient temperature is achieved and maintained.

### **Caution! Note:**

Before initial operation or after long period of storage. Ensure all surfaces, inside and outside are thoroughly cleaned, using a damp soupy water non-abrasive sponge on the interior, then immediately dry off with clean paper towels or non-abrasive cloth. Please refer to the “Cleaning, Care and Maintenance” section for instructions on how to clean the unit correctly.

3. Once the unit is in a desired ventilated position, as described in the above, set the brakes on the castors to keep the unit securely in place.

## **Shelves spacing and fitting**

1. Adjust either side of the shelf guides to the desired height within the cabinet.
2. Slip the shelf into the guides on either side.
3. Replicate for the remainder of the shelves.

## **Operation**

### **Storing Food**

To get the best results from your AG Equipment product, follow these instructions:

- Ensure operating temperature is reached before beginning storing food in the unit.
- DO NOT place any hot/warm food and/or liquid in the unit. This will cause excessive ice to form due to the condensation from hot/warm food products. This will also affect the overall temperature of the fridge which can then compromise the integrity of your food products. Lastly, this will cause over-stressing of the compressor component and result in future performance and breakage issue.
- Cold food should be covered in the refrigerator for best results and best hygiene when achievable.
- DO NOT over stock the shelves as it will obstruct airflow that carries refrigerated air throughout the unit. This causes uneven refrigeration of your food products which may greatly shorten the lifespan of them.
- Ensure any fans or vents inside the unit stay unobstructed.
- Keep the doors close as often as practical and avoid prolonged periods of being open.

### **Turn On**

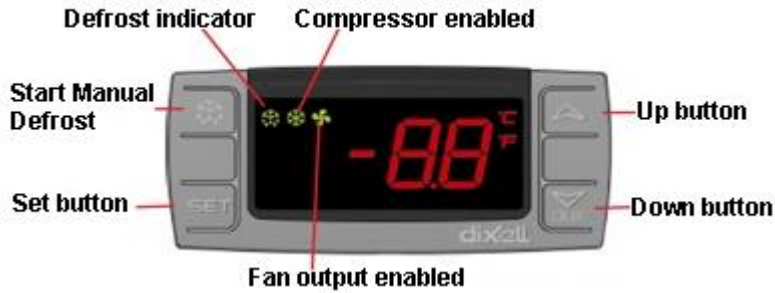
#### **Caution! Note:**

After the recommended standing time is allowed.

1. Securely close the doors of the unit.
2. Check that the power switch on the unit is in the “OFF” position.
3. Ensure the wall socket switch is in the “OFF” position.
4. Plug the power plug into the wall socket and then turn on at the socket.
5. Turn the power switch on the unit to the “ON” position. The current temperature within the appliance is displayed.

## Control Panel

### **Dixell Controller**



#### **To access and see the Setpoint**

Press and immediately release the SET button: the Setpoint value will appear on the display.

#### **Adjusting the Setpoint**

1. Press and hold the **SET** button for more than 3 seconds to change the Setpoint value
2. The value of the set point will be displayed and the °C or °F LED starts blinking
3. Press either the **Up** or **Down** button to change the **SET** value within a 10 secs automatic exit period
4. Press the SET button again to save the newly modified Setpoint value or wait for 10 secs

#### **Automatic and Manual Defrost**

An automatic defrost cycle of six hours will be performed by the unit from the time the unit is switched on. Additionally, if a manual defrost is activated, the automatic defrost cycle timer will be renewed at the completion of the manual defrost.

#### **Caution! Note:**

The automatic defrost cycle starts from when the appliance is initially activated.

#### **To manually defrost the appliance**

1. Press the **Defrost** button for more than 2 seconds and a manual defrost will commence.
2. The **Defrost** LED will light up, indicating a manual defrost is activated and in progress.

#### **Caution! Note:**

The automatic defrost time will reactivate once a manual defrost is concluded.

3. After a manual defrost is concluded, the automatic defrost cycle will reactivate within the following six hours period.

#### **Cleaning, Care & Maintenance**

- Cleanliness for the Interior of the unit should be performed as often as feasible.
- Use non-abrasive cleaning agents, cloths, or sponges. As abrasive agent and products will damage the surface of the unit. Where then residues, germs or bacteria can be trapped and affect the hygiene of your food produce.
- Door seals must only be cleaned with water.
- “Wipe on, wipe off.” as the famous saying goes. Immediately clear any excess soup residue with water, then wipe dry the area(s) you have just cleaned.
- When cleaning, be mindful of sharp edges on the unit.
- If required, please contact AG Equipment for advice on a qualified service agent near you.

## Stainless Steel Care

To preserve a high finish on the stainless-steel surfaces of your AG Equipment unit. Please follow the instructions listed below:

- DO NOT use abrasive products, such as scourers or scrubbing pads, etc... Use only soft cloths or non-abrasive products to clean with the grain of the steel and not against it.
- DO NOT use detergents that contain chlorinated or acidic substances. Use cleaning agents that are designed for keeping stainless steel clean and maintaining its surface.
- Wash and wipe off any excess cleaning agent, food debris or dirt from the surface as soon as can be possible.
- Keep the surfaces dry as often, and as soon as can be possible.
- Clean frequently.

## Routine Maintenance

### Condenser Cleaning

The condenser requires regular monthly cleaning as it is an integral part of the refrigeration cooling system. Neglect of this maintenance task will result in reduced performance of the unit, over straining of the compressor and eventually will cause fault to your refrigeration unit. If the unit fails due to lack of regular maintenance, warranty of the refrigeration unit will be void.

### Warning! Note:

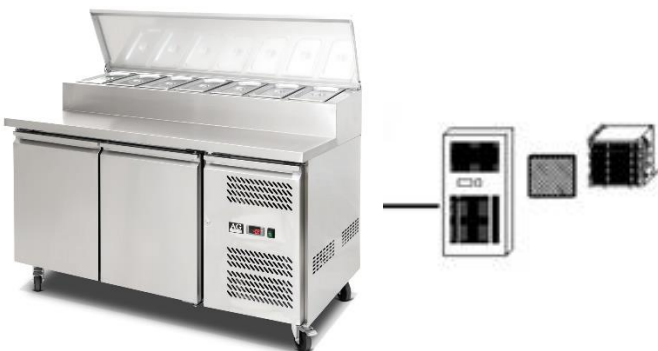
Before the commencement of any maintenance or service is to be carried out. The power supply **MUST** be disconnected. To do this, switch off the power on the unit, then the power switch on the wall power socket and lastly disconnect the power cord from the wall power socket.

### Ventilation Cleaning

Use a soft brush or vacuum to clean the vents if there is residue of dust restricting airflow.

### Filter Cleaning

On the right side of the refrigeration unit, inside the service door is where the condenser is located. There is a filter here that must be cleaned monthly, using a soft brush or vacuum.



## Troubleshooting

If your AG Equipment appliance develops a fault, please check the following table before making a call to the Helpline.

| Fault                               | Porbable Cause  | Action  |
|-------------------------------------|---|---|
| The appliance is not working        | The unit is not switched on   | Check the unit is plugged in correctly and switched on  |
|                                     | Plug and lead are damaged   | Contact AG Equipment or a qualified Electrician   |
|                                     | Electrical Fuse in the Fuse box has blown   | Flip the fuse switch back to ON position  |
|                                     | Power supply  | Check power supply  |
|                                     | Internal wiring fault   | Contact AG Equipment for a qualified Technician   |
| The appliance turns on, but         | Too much ice on the evaporator  | Switch the unit off for 30 hours and leave all doors on unit open.                                    |
| the temperature is too high/<br>low | Condenser blocked with dust   | Clean condenser with the hose attachment of a vacuum  |
|                                     | Doors are not shut properly   | Check doors are shut and seals are not damaged  |
|                                     | Appliance is located near a heat source or air flow to the condenser is being interrupted | Move the refrigerator to a more suitable location. Failure to do so will void the warranty.           |
|                                     | Ambient temperature is too high   | Increase ventilation or move appliance to a cooler position. Failure to do so will void the warranty. |
|                                     | Unsuitable foodstuffs are being stored in the appliance                                   | Remove any hot food/liquid or blockages to the fan  |
| The appliance is leaking<br>water   | Appliance is overloaded   | Reduce the amount of food stored in the appliance   |
|                                     | The appliance is not properly levelled  | Clear the discharge outlet  |
|                                     | Movement of water to the drain is obstructed  | Clear the floor of the appliance (if applicable)  |
|                                     | The water container is damaged  | Contact AG Equipment for a qualified Technician   |
|                                     | The drip tray is full   | Empty the drip tray (if applicable)   |
| The appliance is unusually<br>loud  | Loose nut/screw   | Check and tighten all nuts and screws   |
|                                     | The appliance has not been installed in a level or stable position                        | Check installation position and change if necessary   |

## Electrical Wiring

Appliances are supplied with a 3 pin, moulded power plug. This plug is to be connected to a suitable mains socket. Appliance power socket is wired as follows.

Live wire (coloured brown) to terminal marked L

Neutral wire (coloured blue) to terminal marked N

Earth wire (coloured green and yellow alternatively) to terminal marked E

## Warning!

The appliance must be earthed using a dedicated earthing circuit. If in doubt, please consult a qualified electrician.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

## Disposal

*The packaging is designed to protect the appliance and individual components during transit and is made of recyclable materials. Please dispose of the packing material to your local official waste transfer point(s) for recycling purposes.*

*Old appliance will still contain reusable material and should not be disposed of with household or bulk refuse.*

*Be sure to make any locks un-usable. If possible, remove any door(s) and discard them separately.*

*Remove the spring-action or bolt catch from the appliance or render it un-usable so that children can not become trapped inside.*

*Please note the refrigeration system contains gasses and refrigerants which require special waste disposal. Ensure that the refrigerant circuit is not damaged prior to disposal.*

*You can contribute to the environmental awareness by insisting on an appropriate non-polluting method of disposal.*

*Information concerning the refrigerant and insulation materials used can be found on the rating label.*

*Information on collection dates or collection points can be obtained from the waste disposal authorities or local council.*

*The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will assist in preventing potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.*

*For more detailed information regarding the recycling of this product, please contact your local city council, your local waste transfer points or your household waste disposal service.*

## Compliance

Parts have undergone strict product testing in order to comply with regulatory standards and specifications set by

International independent and federal authorities.

Products have been approved to carry the following symbol.

