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GNX Upright Stainless Steel and Glass Door Models

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1. Prefix

This manual offers vital information about installing, operating, and maintaining AG Equipment upright refrigeration appliances. Please pay special attention to the critical safety information included throughout this instruction manual. Any safety information will be accompanied by one of the following symbols.



Danger – Which contain information that is life threatening.



Warnings, Important Notes and Cautions - Which contain information that must be rigorously followed.

Please read this manual completely before handling the unit. Proper operation, maintenance, and practise will ensure the unit's longevity and performance. These skills and practises will help all staff members who operate this appliance reduce important safety concerns and performing regular planned maintenance.

2. Important Notes and Warnings / Dangers and Warnings



This symbol is a warning and indicates the refrigerant and insulation blowing gas are flammable.

- **Warning:** Risk of explosion, fire / flammable materials.



Important Notes and Warnings

- After reading this manual, please keep it in an easily accessible position (near the unit) where the device's operator(s) may quickly locate and refer to it.



Dangers and Warnings! Mishandling or misapplication of the unit could result in death or serious injury.

- Any/all repairs **MAY ONLY** be made by an AG Equipment authorised service agent or a service agency that AG Equipment has approved. The product's warranty will be invalidated if the servicing or repairs are not authorised or approved.
- Improper installation, adjustment, or modification, as well as failure to follow the cautions and instructions in this manual, may result in serious personal injury, death, or property damage.
- The appliance must be fitted in line with [AS1677.2:1998](#) to ensure that there are no ignition sources in any area where refrigerant could collect in the event of a leak.
- Electrical equipment should not be installed or stored beneath the unit or elsewhere where refrigerant could collect in the case of a leak. Refrigerant is highly flammable.
- Servicing of the appliance must be performed by an AG Equipment authorised and/or approved licenced technician with Gas Work Authorization if the appliance gas system is being opened or charged.
- Use this appliance only as directed. Any other use that has not been allowed by the manufacturer may cause a fire, electric shock, or harm.
- The manufacturer is not liable for any harm that may result from inappropriate use. The manufacturer emphasises that this appliance should be used responsibly and that all methods, warnings, and safety instructions in this handbook be strictly followed.
- Inspect the appliance for any damage. Do not operate a damaged appliance.
- Inspect the appliance on a regular basis for damage. If you suspect that the appliance has been damaged, stop using it immediately and contact AG Equipment.
- If you find gas leakage, don't touch the appliance. Turn it off immediately, open the doors and windows for ventilation. Gas leakage could cause explosion, death, fire, and fire injury.
- **DO NOT TRY TO CHANGE OR MODIFY THE APPLIANCE IN ANY WAY.**
- **DO NOT** remove any cover unless specifically instructed to do so in this handbook. This may result in the exposure of live electrical components.
- **DO NOT** use the appliance if any of the panels, covers, or guards have been removed.
- Keep the air intake and exits clear of stock, obstructions, dust, and debris.
- Never use the appliance outside or not within an air-conditioned environment.
- The use of direct jet/pressure washers to clean the unit is **absolutely prohibited**. Otherwise, damage will occur, rendering the warranty void, and/or cause danger/injury/death to the applicator may follow.
- **DO NOT** damage the refrigerating circuit.
- **DO NOT** use mechanical equipment or other appliances to speed up the defrosting process during scheduled maintenance.
- **DO NOT** place or have electrical appliances running inside the unit.
- **DO NOT STORE EXPLOSIVES IN THIS UNIT**, such as aerosol cans containing flammable propellant. Explosion and fire could result.
- **Turn off and disconnect** the power source from the wall socket before cleaning or servicing the unit.
- **DO NOT** damage, modify, excessively bend, strain, twist or bundle up the power cord. Also, placing heavy objects on the power cord or squeezing it in a tight place could damage it, resulting in possible electrical shock or fire.
- If the power cord is damaged, stop using the appliance immediately. Contact AG Equipment, it must be replaced by an AG Equipment authorised or approved service agent/electrician to avoid a hazard.
- The appliance **MUST NOT** be used outside. Using the appliance in a location exposed to rain could result in electrical leakage and electrical shock which can result in death or serious injuries.
- This appliance is **NOT** designed for use by minors or anyone with limited physical, sensory, or mental capacity, or a lack of experience and knowledge, unless they have been supervised or instructed by a person responsible for their safety.

3. Cautions / Important Notes



Cautions! Mishandling or misuse of the device may result in injury or serious injury.

- At the premises, the unit **MUST BE** placed on a stable and even levelled surface.
- Each shelf can support a maximum load of 20Kg. **DO NOT exceed this.**
- Refer to National and Local Standards to ensure compliance with the following practises, rules, and laws.
 - Building Regulations
 - Health and Safety at Work Legislation
 - Fire Department Regulations and Precautions
 - IEE Wiring Regulations
 - BS EN Codes of Practice
- This refrigeration appliance is not suited or intended for storing medical supplies or scientific samples.
- The base, drawers, and doors of this unit are not designed to support the weight of a person or child. Please avoid standing or climbing on this device. The warranty does not cover doors, door handles, door hinges or glass doors.
- Oil and fat can damage the unit's plastic and door seal material. Please ensure that these residues are removed as soon as possible. See the "Cleaning, Care, and Maintenance" section for detailed cleaning instructions.
- When keeping extremely concentrated alcohol in the unit, make sure the bottle is securely sealed and upright.
- Never use flammable spray cans or store combustible materials near an appliance. Electrical switch sparks could cause an explosion and a fire.
- Never try to insert fingers, sticks, or other objects into the cold air suction outlet because a circulation fan is spinning at high speed inside the outlet. Injury, electrical shock, and faulty operation are all possible outcomes.
- If the unit needs to be repositioned, relocated, or stored, ensure that it remains vertical by supporting the unit's base throughout transportation.
- Keep any packing materials away from children when removing the packaging. When disposing of packing materials, follow local authority regulations and legislation.
- Children should be supervised to prevent them from playing with the appliance. The unit could tip over and fall causing material damage, injury, or death.
- When removing the power cable plug from the wall socket, grasp the main body of the plug near to the outlet. Pulling on the cord could result in wire breakage, which could lead to overheating and fire.
- Disconnect the power supply if the appliance has not been used or will not be used for an extended period.



Important to ventilation and ambience temperature

- When situating and designating a place for this appliance (enclosed or open interior area), please provide space for enough ventilation as specified in the User Manual. Failure to provide adequate venting space will endanger the compressor and void the warranty.
- The appliance **MUST NOT** be used outside and/or be exposed to direct or indirect sunlight, this affects the ambient temperature.
- **Do not** place the appliance in an area where it will be exposed to warm draughts or open doors, this affects the ambient temperature.
- When the ambient temperature cannot be kept below 43°C and/or the humidity below 65%, this can cause damage to the unit's internal workings owing to overloading of its components. The unit's warranty will be void if the ambient temperature and humidity is not maintained.
- Keep the ventilation intake and outlets free of obstructions.

4. Installation and Operation



Caution! Pre-installation and space allocation for appliance

- Allow the device to stand upright for approximately 12 hours after initial opening and before operation.
 - Allow the appliance to stand vertically for approximately 12 hours before use if the appliance is/was moved or has not been stored in the vertical orientation.
1. Remove all packing, protective plastic films, and/or other protective devices from the unit's surfaces before use.
 2. A minimum ventilation distance of 500mm from the top of the refrigeration appliances to the ceiling **MUST** be maintained while positioning and allocating space for the unit. Failure to provide adequate space will impact on the ventilation required for this product. If there is a heat source nearby, you must allow for additional distance to guarantee that the required ambient temperature is attained and sustained.



Caution! Preparation for use from starting up or after prolonging storage.

- Before initial starting up or after a long period of storage. Ensure that all surfaces, inside and outside, are thoroughly cleaned. On the interior, use a moist soupy water non-abrasive sponge, then immediately dry off with clean paper towels or a non-abrasive cloth. Please see the "Cleaning, Care, and Maintenance" section for detailed cleaning instructions.
3. Install the unit in a location where the floor is solid and levelled to support the load of the unit. If the floor is not sturdy enough or installation is incorrectly performed, the appliance could tip over and falling shelves and product could cause personal injury.
 4. The appliance must not be plugged into a power board with several outlets.
 5. The socket must be earthed properly, and fuse/RCD protected.
 6. For electricity supply voltage, frequency, and current draw, consult the rating label located inside the cabinet.
 7. Avoid placing power cables near heat sources such as room heaters or other electrical appliances.
 8. Clearly mark the power supply so that the refrigerator is not unintentionally unplugged or switched off.

Shelves spacing and fitting.

1. Adjust the shelf guides on either side of the cabinet to the desired height.
2. Insert the shelf into the guidelines on both sides.
3. Repeat for the rest of the shelves.



Caution! Shelf Load Limit

- Each shelf can support a maximum load of <20Kg. Overloading could cause shelf to collapse and cause injury.



Operation

Follow the following steps to get the most out of your AG Equipment product:

- Before storing food in the unit, allow for approximately 1-2 hour to ensure that the compartment is cooled. Dependant on your ambient temperature.
- Wait 5 minutes or more before re-starting. If unit is restarted immediately after a turned off, the fuse may blow and activate the circuit breaker, the compressor may overload and/or other damages may occur.
- **DO NOT PLACE HOT/WARM FOOD OR LIQUID IN THE UNIT.** This will result in excessive ice formation because of condensation from hot/warm food products. This will also impact the general temperature of the fridge, thus jeopardising the quality of your food. Finally, this will overstress the compressor component, resulting in future performance and breakage issues.
- Covering cold food in the fridge for maximum benefits and hygiene when possible.
- **DO NOT** overstock or place stock unevenly on the shelves as this will impede the airflow that circulates refrigerated air throughout the appliance. This causes uneven refrigeration of your products.
- Because the fridge's door frame and glass doors are not heated, condensation will form during the warmer and more humid months of the year. When this happens, dry the afflicted regions with a soft, non-abrasive cloth.
- Make sure that any fans or vents inside the unit are **NOT** obstructed.
- Keep the doors closed as much as possible and avoid leaving them open for long periods of time.
- Keep the opening of the fridge doors to a minimum. Every time a door opens, the temperature of the appliance rises. This can result in excessive condensation and ice formation on the evaporator/condenser that will require more frequent manual defrosting. This will also overwork the compressor which jeopardises the longevity of the appliance.

5. Control Panel

Turn On



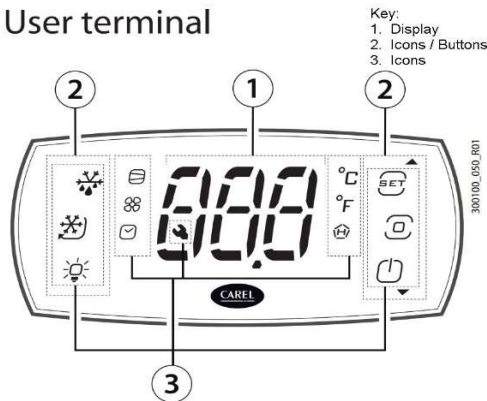
Caution! Starting up process

After following the recommended standing time.

1. Securely close the doors of the unit.
2. Make sure the unit's power switch is in the "OFF" position.
3. Make certain that the wall socket switch is in the "OFF" position.
4. Insert the power plug into the dedicated fuse/RCD protected wall socket and turn it on.
5. Turn the unit's power switch to the "ON" position. The current temperature of the appliance is shown.

Carel IJf Controller

User terminal



These fridges and freezers are fitted with the latest Carel IJF controller with NFC and Bluetooth connectivity. The settings are accessible via the Controlla application for both Android and Apple stores. This controller has been factory set to cool the beverages to approximately 2 - 5°C for fridges and -16 - -20°C for freezers.

Should you wish to alter the temperature set point. Please consult the following procedure.

NOTE: Please contact AG Equipment before altering any other settings.

To access, see and change the Setpoint values.





1. Press and hold the **PROGRAM**  button, release when the three dashes appear on the display.

Adjusting and setting the temperature

When adjusting the temperature please follow the following minimal settings

For fridges, lowest setpoint cannot be below +2°C

For freezers, lowest setpoint cannot be below -22°C

2. Press the **SET**  button, the value of the Setpoint will be displayed.
3. Press either the **Up**  or **Down**  button to change the **SET** value.
4. Press the **PROGRAM**  button again to save and exit the newly modified Setpoint value.

Automatic and Manual Defrost



From the moment the device is turned on, it will begin five to six hours automatic defrost cycle depending on the model.



Caution! Automated Defrost process.

The automated defrost cycle begins when the appliance is turned on for the first time.

To manually defrost the appliance

1. Press and hold the **PROGRAM**  button, release when the three dashes appear on the display.
2. Press the **Defrost**  button to start a manual defrost.
3. After a short period, dEF will be displayed, indicating that a manual defrost has been activated and is in progress.



Caution! Manual Defrost process.

4. After completing a manual defrost, the automatic defrost cycle will resume during the next five to six hours.

Lock/Unlock the Doors

- A lock is installed on the doors to keep food products secure within your appliance.
- To lock and unlock the door, use the provided keys.

6. Cleaning, Care & Maintenance

- The interior of the unit should be cleaned as frequently as possible.
- 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.
- Only water should be used to clean door seals.
- Remove any excess soap residue with water right away, then wipe dry the area(s) you just cleaned.
- When cleaning, be mindful of sharp edges on the unit.
- If necessary, contact AG Equipment for assistance in locating a qualified service agent near you.

Stainless Steel Care

To preserve the stainless-steel surfaces of your AG Equipment appliance in pristine condition. Please follow the steps outlined below:

- **DO NOT USE** abrasive items such as scourers, scrubbing pads, and so forth... Use soft towels or non-abrasive solutions to clean with the grain of the steel rather than against it.
- **Avoid** using detergents that include chlorinated or acidic ingredients. Use stainless steel cleaning products that are designed to keep the surface clean and shiny.
- Remove any excess cleaning chemical/agents, food debris, or dirt from the surface as quickly as possible.
- Dry the surfaces as frequently and as quickly as feasible.
- Clean frequently.

Routine Maintenance



Important! Condenser Cleaning.

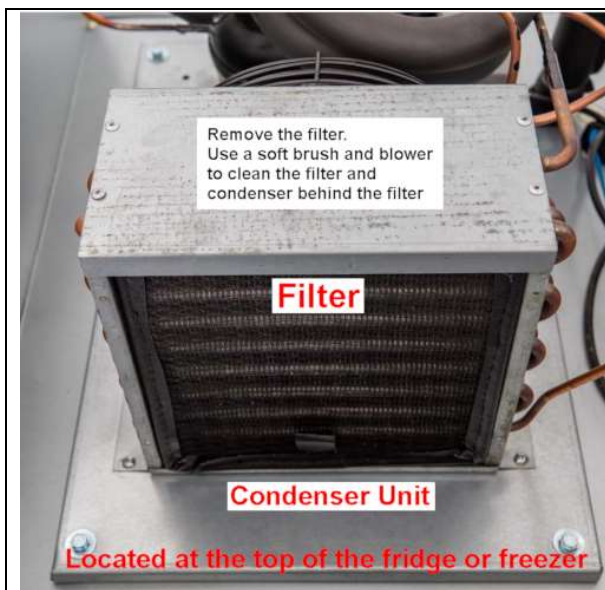
Because it is an essential component of the refrigeration cooling system, the condenser filter and condenser must be cleaned and maintained monthly. Neglecting this maintenance activity will result in decreased unit performance, excessive power consumption, induce high gas pressure in the refrigerant resulting in a breach and leak, overstressing of the compressor, and finally a fault with your refrigeration unit. If the unit breaks due to a lack of regular cleaning and maintenance, the refrigeration unit's warranty will be voided.



Warning! Prior to servicing.

Prior to our representative attending to any service. The following items must be done and followed. The power supply on the appliance must be switched off, followed by the power switch at the wall power socket, and finally, the power cord must be disconnected from the wall power socket.

IMPORTANT: If there is no evidence of preventative maintenance performed on the appliance, the warranty will be invalidated.



IMPORTANT

Ventilation Cleaning

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

Filter Cleaning

The condenser and condenser filter are situated inside the steel covering at the top of the upright fridge and freezer unit. The filter and condenser here **MUST** be cleaned once a month. Please put a reminder in your regular maintenance schedule for this process.

7. Troubleshooting

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

Fault	Probable 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 the temperature is too high/low	Too much ice on the evaporator	Switch the unit off for 30 hours and leave all doors on unit open.
	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
	Appliance is overloaded	Reduce the amount of food stored in the appliance
The appliance is leaking water	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 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

Required Information to lodge a warranty claim.

- Nature of malfunction (as accurately as possible)
- Product number (on rating label of the appliance)
- Serial number (on rating label of the appliance)
- Customer's name, physical address where the product is at, email address and contact phone number.
- Original invoice or invoice number with year and date of purchase.
- Download the warranty form at <https://www.agequipment.com.au/pages/warranty>, fill in the form and email it back to service@agequipment.com.au
- Additionally, please attach to the email with details photos and/or a short video of the fault.



In case of the following

1. Power Failure

- Keep opening and closing of the door to a bare minimum.
- Avoid placing new items in the fridge / freezer as this will raise the temperature inside the compartment.

2. When not used for a long period of time.

- Remove all items from the compartment and disconnect the power cord plug from the wall outlet.
- Clean the compartment interior and wipe away all moisture.
- To prevent mould formation and bad smell, leave the door open to dry the compartment thoroughly.

3. Transportation

- Disconnect the power cord plug from the wall outlet.
- When moving the cooler, make sure that the feet do not damage the power cord or plug.
- Do not let the feet hit against floor steps, thresholds etc.



4. Temporary or indefinite storage

- Affix a piece of wood, etc. between the door and main unit to prevent complete closing of the door.
- Make sure not to store the unused cooler at a location where children play.
- Should a child enter the compartment and the door is closed, the child may not be able to open the door from the inside.

8. Disposal and Environmental Notes



Danger! 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



Danger! 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.



This appliance's refrigerant and insulation blowing gas are combustible. There must be no damage to the refrigeration circuit. When disposing of the appliance, do so only at an authorized waste disposal centre. DO NOT expose to flame.

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 cannot 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 to comply with regulatory standards and specifications set by

International independent and federal authorities.

Products have been approved to carry the following symbol.

