Note: in normal operation the controller turns the compressor off at the set temperature, and back on after the temperature had risen by around 5°c.
As such, the reading in the electronic controller is almost always a few degrees above set-point, and that is perfectly OK.

LOOKING AFTER THE PRODUCT - DEFROSTING:

Ice may build up on the evaporator if the unit is put to work constantly for a period of time.
When ice begins to build up to approx 10 mm or 1/5 inch thick, defrost is required.
Empty the cabinet of the products that must stay at cold condition.
Switch the thermostat to 'OFF' position.
The ice will start to melt. When the ice has melted and drained away, dry off any residual moisture with a soft cloth.
Switch on the power again via thermostar.
Please note it will take around 12 hours for the cabinet to get back down to temperature with the products.

CLEANING

1. UNPLUG your chiller and remove any stock to a suitable back-up chiller.
2. Wash the inner compartment with warm water and neutral detergent.
DO NOT allow the control panel, cables or plug to get wet.
NEVER use corrosive detergents, wire brushes, or abrasive scourers to clean your chiller.
NEVER use metal or sharp implements to remove debris.
3. Dry all surface thoroughly.
4. To ensure trouble-free operation the condenser should be cleaned every three months where appropriate using a vacuum hose. The condenser is located behind lower grill of the cabinet. In exceptionally dusty locations the condenser should be cleaned more often.
5. Use mild soapy water to clean the gasket and seals .

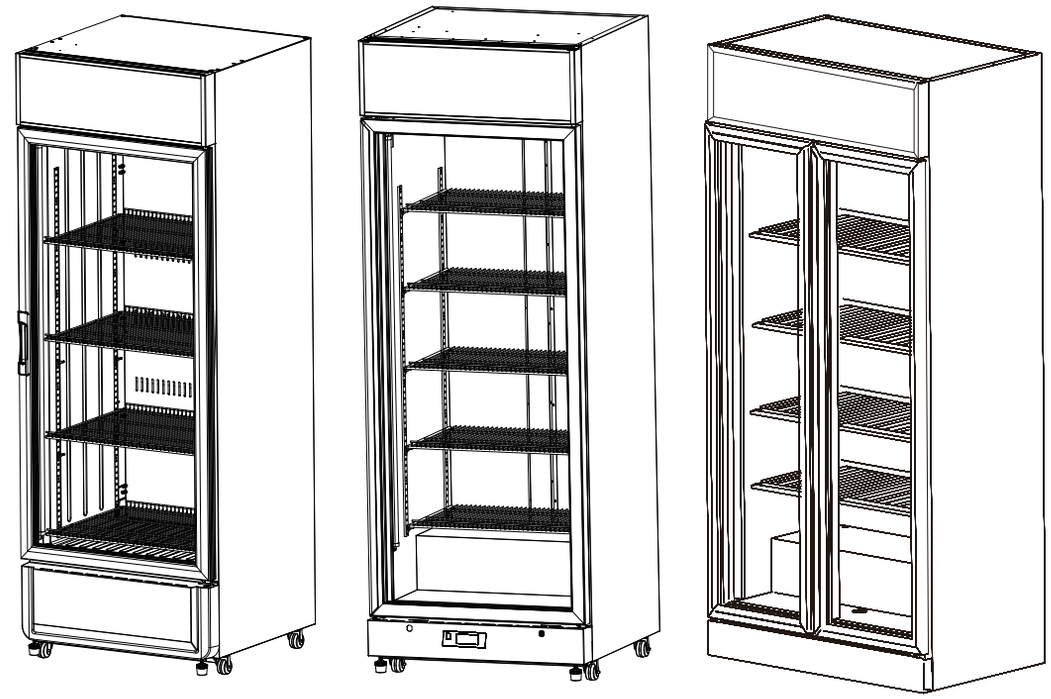
REPLACING LAMPS

1. Unplug the power plug.
2. Remove the screws on both end of the light cover, take down the lamp cover, pull out the wires, then take away the lamp.
3. Install the new lamp, connect the wires, place the lamp cover and fasten it.

Glass Door Refrigerator

Commercial Refrigeration Range

User Manual



To ensure safe operation, please read this instruction manual thoroughly before use.

Welcome to your new chiller

Thank you for buying this commercial chiller. It has been designed and manufactured for many years of trouble-free service.

Operation is very simple, but please take a few minutes to read this booklet. Ensure all vents are clear of obstruction particularly if the unit is built-in.

WARNING: RISK OF ELECTRICAL SHOCK HAZARD

This unit must be earthed.

If the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard. Ensure that the appliance is properly earthed. Stop using the appliance immediately if electric shock is felt when touching the chiller.

DISPOSAL OF OLD APPLIANCES

BE SURE TO MAKE ANY LOCKS UNUSABLE, REMOVE ANY DOOR(S) AND DISCARD SEPARATELY.

WARNING-CHEMICAL HAZARD: DO NOT ALLOW CHILDREN TO PLAY WITH THE OLD APPLIANCE. CONTACT YOUR LOCAL AUTHORITY FOR DISPOSAL PROCEDURES.

Before disposing of an old appliance, please make sure it is switched off and safe. Unplug the appliance and break any locks in order to avoid children becoming trapped.

Please note: the refrigeration system contains gas and refrigerants which require specialist waste disposal. The valuable materials in a refrigerator can be recycled .Contact your local waste disposal depot for proper disposal of an old appliance and contact your local authority or dealer if you have any questions.

Please ensure the pipework of your refrigerator is not damaged prior to disposal. You can contribute to environmental awareness by insisting on an appropriate non-polluting method of disposal.

Note:

The fridge is built to automatically defrost and prevent any ice forming on the Evaporator.

When in a 'Defrost' cycle, the indicator light will illuminate under the 'Defrost' symbol:

- To manually activate 'Defrost' cycle :
  - Press the button, and hold it for 6 seconds, until a 'beep' can be heard .
  - The indicator light will now illuminate under the ' Defrost ' symbol and the fridge is into a 'Defrost' cycle.
  - 'Defrost' will run for 20min, and then automatically revert to normal operation.
- To manually change back to normal operating mode from the ' Defrost ' mode :
  - Press the button again, hold the button for 6 seconds, until a 'beep' is heard .
  - Both indicator lights under the ' Defrost' symbol and under the 'Cooling' symbol will now flash while the fridge is gearing up to switch back to normal operation.
  - After 5–20 minutes, only the indicator light will illuminate under the 'Cooling' symbol to confirm the fridge is back in its normal cooling mode

MECHANICAL THERMOSTAT

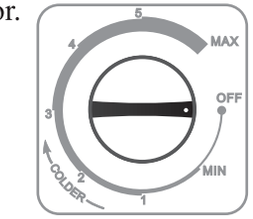
Thermostat settings

Thermostat "OFF" position indicates the Refrigerator is turned off although power is still being supplied. By turning the thermostat dial clockwise, the Refrigerator will turn on automatically. The settings MIN - MAX regulate the interior temperature of the Refrigerator.

Setting Off = not operating

Setting MIN = lowest setting (warmest internal temperature)

Setting MAX = highest settting (coldest internal temperature)



While in the 'defrost' mode, the fridge cooling power is reduced , as the compressor is not working. The automatic cycles ensure the defrosting is done in the most effcient manner, and when required. It is not recommended to leave the fridge in the manually set defrost mode for prolonged periods of time.

NOTE: Do not recommend to operate the fridge on settings that run below 4°c/MAX, as such settings will cause content at the rear of the fridge close to evaporator to freeze, and will result in unnecessary strain on the cooling systems, and undue high energy consumption.

If power is cut off, wait for at least 5 minutes before plugging the unit in again to avoid damaging the compressor.

Do not place combustible, explosive or volatile articles, corrosive acid or alkali, or liquid in glass containers into the chiller. Always exercise caution if adjusting the temperature

IMPORTANT: allow the refrigerator to stand upright for 24 hours before plugging in.

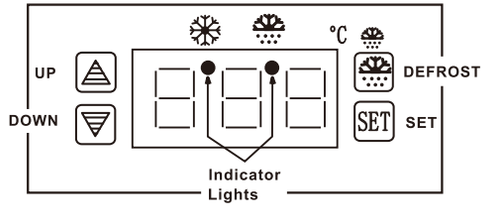
OPERATION

Place the shelves firmly on their supports. Check that the refrigerator is functioning properly before installing and filling it. An optional light switch is inside the unit.

Never put warm or hot foods directly into the chiller.

There are several types of controller/thermostat for different models. Please check which type of controller on your unit.

ELECTRONIC THERMOSTAT



During normal operation the controller display will show the temperature inside the refrigerator.

A small indicator light  will illuminate under the 'Cooling' symbol to confirm the fridge is in its normal cooling mode, and compressor is running.

When temperature is reached and the compressor is in its 'off 'cycle, no indicator light will illuminate in the controller: 

Operation of the controller :

- To set the desired temperature of the fridge:
  - Press the SET button once. A 'beep' will sound, and the display will start to flash.
  - Use the ▲ ▼ buttons to set to the desired temperature.
  - Press SET again to complete the operation, or just leave it for 5 – 10 sec, and the display will revert back to showing internal temperature, while new settings saved.

DISPOSAL OF PACKAGING

Do not allow children to play with the packaging, and destroy plastic bags safely.

The cardboard may be broken or cut into smaller pieces and given to a waste paper disposal service. The wrapping foil is made of polyethylene. The polyethylene pads and stuffing contain no fluorochloric hydrocarbons.

All these valuable materials may be taken to a waste collecting depot and used again after adequate recycling .Consult your local authority for the name and address of the waste paper disposal services nearest to you.

IMPORTANT SAFETY INSTRUCTIONS

Before switching on your chiller for the first time, read the information in this user manual carefully. The manual contains important observations relating to the assembly, operation and maintenance of the appliance.

Please keep this booklet in a safe place for future reference. If you ever sell your chiller, hand this user manual to the new owner.

The manufacture does not accept responsibility for any damages that may arise due to non-observation of these instructions. The user is liable for any material damage or bodily injury (product liability) cause by using the refrigerator carelessly or failing to follow instructions.

- Do not use damaged appliances. If you are in any doubt, consult an engineer.
- Connection and installation of your chiller are to be carried out in strict compliance with the relative instructions in this manual.
- For safety, the appliance must be properly earthed in accordance with specifications
- Do not damage any parts of the appliance which carry refrigerant by piercing, perforating, crushing, twisting or scraping. If the refrigerant comes into contact with the eyes, it may cause serious eye injury.

- Always remember to unplug the appliance before cleaning. Never unplug your appliance by pulling on the power cable. Always grip plug firmly and pull straight out from the socket. Always check that the plug and cable are undamaged.
- All repairs must be carried out by qualified engineers. Inadequate repairs may be dangerous. Never try to repair the refrigerator yourself.
- Should the cover of the interior light or fan fall off or break, switch the refrigerator off immediately and replace the cover.
- Ensure your chosen location has a flat and stable surface. The unit may be leveled by turning both of the stabilisers in the front corners. Check the unite is level using a spirit level.



For stability, please ensure stabilisers are fully wound to floor



- Do not obstruct or cover the ventilation aperture.
- Do not position this appliance with its rear panel directly against a wall. Maintain a gap of at least 50mm between the appliance and any adjacent wall.
- Position the chiller away from heat sources, where the units is well-ventilated and protected from moisture, or extremes of heat or cold. The refrigerator may not function properly if the temperature rises aboves +30℃(standard model)
- Do not allow children to play with the appliance, or to sit on it or to hang onto the door(S).
- Make sure there is a suitable power Outlet (230 volts, 13 amps outlet) with proper grounding to power the refrigerator.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Ensure all vents are clear of obstruction particularly if the unit is built-in.

- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- The appliance must be installed in accordance to AS1677.2: 1998, S2.6.2 to ensure there are no sources of ignition in any area where refrigerant could gather in the event of a leak.
- Electrical equipment should not be placed under the unit or where refrigerant could gather in the event of a leak.
- In Queensland, installation/servicing of the appliance must be performed by a licenced technician with Gas Work Authorization (hydrocarbon refrigerants) if the appliance gas system is being opened or charged.



- The refrigerant used in this appliance is flammable.

BEFORE USING FOR THE FIRST TIME

Do not position this appliance with its rear panel directly against a wall. For good circulation and operating efficiency, the ventilation grilles must never be blocked.

Remove all packaging and place the chiller on a stable, secure flat surface. Position the chiller away from heat sources, where the unit is well-ventilated and protected from moisture, or extremes of heat or cold. The refrigerator may not function properly if the temperature rises above +30 (standard models). The refrigerator meets the operating conditions according to the standard EN 441-4 in climate class 4.

A 10A fuse is fitted. Never replace with a fuse rated higher than this.

NEVER USE AN EXTENSION LEAD. If the mains cable will not reach the nearest socket, either rearrange your store layout or ask a qualified electrician to fit a new socket.