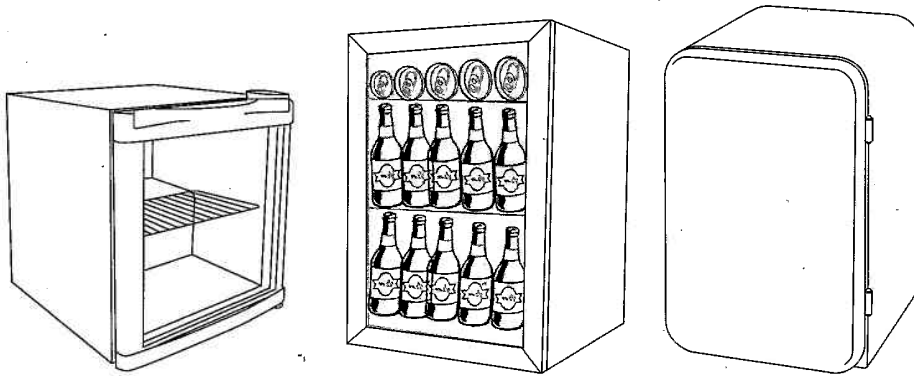


# SnoMaster®

## User Manual for Glass Door Beverage Cooler and Retro Refrigerator



## Welcome to your new chiller

Snomaster congratulates you on your commercial chiller purchase. These units have been designed and manufactured for years of service in the harsh South African climate conditions. Operation is simple, but please ensure that you have read and understood this booklet.

Operation is very simple, but please take a few minutes to read this booklet. It contains safety information and tips to ensure you receive from your Fridge.

## Important Safety Instructions

|   |   |
|---|---|
| <p>Before starting the installation, consideration should be given to how the installation is to be carried out, ensuring</p> <ul style="list-style-type: none"> <li>↗ Adequate space and clearances.</li> <li>↗ Preventing exposure to the elements.</li> <li>↗ Preventing any exposure to direct sun light.</li> <li>↗ Availability of earthed power.</li> <li>↗ The mechanical strength of supporting structures.</li> </ul> <p>The installation work must be undertaken by a qualified and competent person in conformity to the rules concerning connection of electric power and wiring rules.</p> <p>The manufacturer does not accept any liability for any damage or injury caused by improper installation. Before connecting to the mains supply ensure that the mains voltage corresponds with the voltage on the Refrigerator's rating label.</p> <p>Make sure the electric plant of your house is correctly earthed.</p> <p>When installed, the Fridge must be positioned to ensure no moisture ingress into the appliance or the appliance compartment.</p> <ul style="list-style-type: none"> <li>↗ Before carrying out any kind of maintenance or cleaning, disconnect the Fridge from the mains supply.</li> <li>↗ The appliance must not be operated or left out in the weather. Do not expose the Refrigerator to rain or wet conditions.</li> </ul> | <ul style="list-style-type: none"> <li>↗ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, 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.</li> <li>↗ Children should be supervised to ensure that they do not play with the appliance.</li> <li>↗ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.</li> <li>↗ There shall be adequate ventilation of the area when the Refrigerator is used, and vents provided must be kept clear, clean and open.</li> <li>↗ There is a fire risk if cleaning is not carried out in accordance with the instructions, or if damage occurs to cooling system.</li> <li>↗ Always ensure the Refrigerator is kept at the correct settings for the required operation of the appliance.</li> <li>↗ Do not use cooking utensils to handle things inside, or clean the interior of the fridge, as damage to liners may result.</li> <li>↗ During use rear of appliance becomes hot. Care should be taken to avoid touching elements at rear of the Fridge.</li> <li>↗ Children should never be allowed to sit or stand on any part of the appliance.</li> <li>↗ Use this appliance only for its intended use.</li> <li>↗ It is designed to be used in sheltered areas only and must not be exposed to the elements.</li> </ul> |
|---|---|



**NOTE:**  
**THE REFRIGERATOR MUST NEVER OPERATE IN DIRECT SUNLIGHT!**  
 The refrigerator will not operate to specifications if sunlight penetrates the glass doors. Prolonged exposure to direct sunlight inside the fridge will result in increased temperature, excessive energy consumption, and even premature component failure, and will not be covered by warranty.

### Please also Note:

Before switching your Fridge on for the first time, read the information in this user manual carefully. This manual contains important information 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 Fridge, hand this user manual to the new owner.

- ↗ The manufacturer 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 appliance. If you are in any doubt, consult a suitably qualified technician.
- ↗ Connection and installation of your Fridge are to be carried out in strict compliance with the 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 a qualified technician, 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 either or both of the adjustable feet in the front corners. Check the unit is level using a spirit level.
- ↗ Do not obstruct or cover the ventilation aperture.
- ↗ Make sure there is a suitable power Outlet (240 volts, 10 amps outlet) with proper grounding to power the refrigerator.

### Warning: Risk of Electrical Shock Hazard

### 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 Fridge on a stable, secure flat surface. Position the Fridge 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 ambient temperature rises above +40 for prolonged periods of time.

Ensure the vents behind the fridge are clear, and clean, and not obstructed from the other side, such that air circulation is enabled.

**Do Not Use An Extension Lead.** If the mains cable will not reach the nearest socket, either rearrange your installation layout or ask a qualified electrician to fit a new socket.

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 Fridge. Always exercise caution if adjusting the temperature.



**IMPORTANT: allow the refrigerator to stand still and upright for 8 hours before plugging it into the power!**

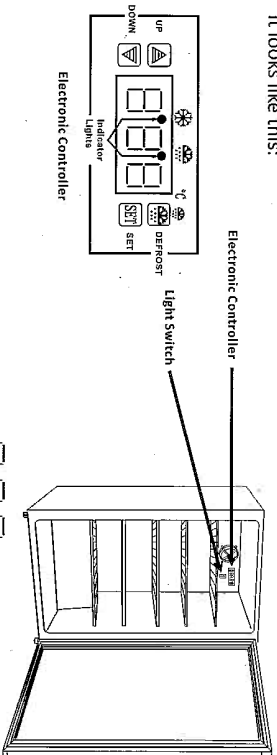
### Cleaning


1. Unplug your Fridge from power source and remove any items from inside. It is best to place these temporarily in another refrigerator.
2. Wash the inner compartment with warm water and neutral mild detergent. DO NOT allow the control panel, cables or plug to get wet.
  - ⚠ NEVER use corrosive detergents, wire blasters, or abrasive scourers to clean your Fridge.
  - ⚠ NEVER use metal or sharp implements to scrape any part of the fridge.
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.
  - ⚠ It is recommended that areas around the condenser are cleaned more often.
5. Use mild soapy water to clean the gasket and seals around the door.
6. The external surfaces of the fridge can be cleaned with warm water and mild detergent.


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

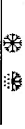
### Electronic Controller

The electronic controller is located on the evaporator fan fix plate inside of the unit, it looks like this:







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:


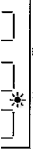
- To set the desired temperature of the fridge:

- Press the  button once. A 'beep' will sound, and the display will start to flash.
- Use the   buttons to set to the desired temperature.
- Press  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.




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: .

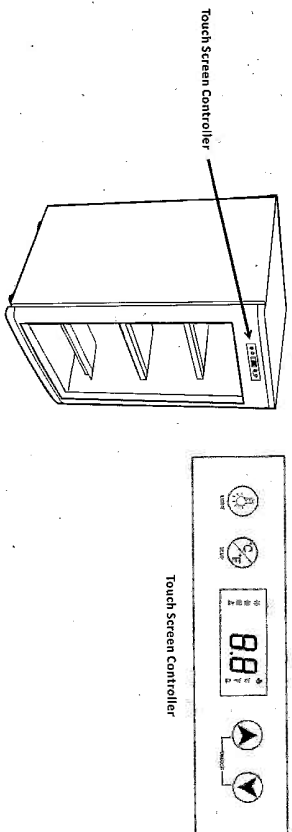
- To manually activate 'Defrost' cycle:

- Press the  button, and hold it for 6 seconds, until a 'beep' is 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.

## Touch Screen Controller:



### Lock/Unlock:

To unlock the digital interface, press both **▲** and **▼** at the same time and hold for 1 second, and the buzzer will sound a beep, digital interface is unlocked. The digital interface will be locked automatically if no operation in 6 seconds.

### Set Temperature:

After unlock, press **▲** first, then press **▲** or **▼** button to increase or decrease the degree, after a few seconds without any operation, the temperature is selected. If no other further operation in 6 seconds, display will show actual temperature in the cooler.

### Light:

After unlock, press light button **☺** once to turn on the light. To turn it off, press light button again.

### Celsius Degree / Fahrenheit degree:

After unlock, press **☺** button for 3 seconds to change to Fahrenheit degree mode, repeat the same interaction will go back to Celsius Degree mode.

## Replacing Lamps

Your Fridge is using long-life, energy-saving LED light tube. Should you need to replace this light, please contact your nearest stockist or service agent for a suitable replacement part.

### To change the light tube:

1. Unplug the power plug and ensure the light switch is off.
2. For models with light cover, remove the screws on both end of the light cover, take off the lamp cover, pull out the wires slightly.
3. Gently pull out the connector at the end of the light tube.
4. Insert the connector into the new lamp, place the lamp cover and fasten it.

Images in this manual are for illustrative purposes only. Due to constant improvement, we advise that changes to the design, material, specifications and product configuration may occur at any time without notice.

## IMPORTANT

- ▶ The fridge will go through a normal periodical defrosting cycle, and a manual defrosting operation is only require in most extreme cases. It is better to avoid if not necessary.
- ▶ 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 efficient 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.



**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.

## TROUBLESHOOTING

Before returning your Refrigerator to the store, check the following points: you may be able to solve any problem yourself.

| Problem   | Solution   |
|---|--|
| Your refrigerator does not operate                                  | <ul style="list-style-type: none"> <li>• Check power cable is plugged in and switched on.</li> <li>• The circuit breaker has tripped or the fuse has blown.</li> <li>• The temperature control is set at "O"</li> <li>• The temperature control dial may be set too high.</li> </ul>   |
| Your refrigerator is too cold                                       | <ul style="list-style-type: none"> <li>• Check the temperature control dial is set at "3".</li> <li>• A higher external ambient temperature may require a higher setting.</li> <li>• The door is opened too often.</li> <li>• The door is not closed completely.</li> <li>• The door gasket does not seal properly.</li> </ul>   |
| Your refrigerator is not cold enough                                | <ul style="list-style-type: none"> <li>• The Cooler does not have the correct clearances at the sides/back.</li> <li>• Check if the coolers drain pan is full.</li> </ul>  |
| The defrosting water overflows inside the cooler and onto the floor | <ul style="list-style-type: none"> <li>• This is a result of the dissipation of the heat from inside the cabinet.</li> <li>• Condensation will form on the outside of the cooler if it operates in moist areas, simply wipe it dry.</li> <li>• Appliance is not on a level, firm surface or may be touching other items.</li> <li>• Note it is normal to hear refrigerant flowing as the compressor stops and starts.</li> </ul> |
| The side panel heats up   |  |
| Condensation forms on the outside of the cooler                     |  |
| The cooler seems to make too much noise                             |  |