



# USER MANUAL AND PRODUCT SPECIFICATIONS

ICE COLD ANYWHERE



**SM-130F**

100L SUB-ZERO  
UNDER-COUNTER  
BEVERAGE COOLER



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## THANK YOU FOR PURCHASING THE 100L SUB-ZERO UNDER-COUNTER BEVERAGE COOLER (SM-130F)

### • WARRANTY, SERVICE AND SUPPORT •

This product has a **5-year warranty on the compressor and a 3-year warranty on the structure of the unit** from the date of purchase. Warranty does not cover products that have not been used in accordance with the user guide or are outside the warranty terms and conditions, which can be found at the following url:

**<https://snomaster.co.za/warranty/>**

#### WARRANTY REGISTRATION

Register your SnoMaster 100L Sub-Zero Under-Counter Beverage Cooler (SM-130F) now for warranty, and allow us to provide you with the best possible after sales service:

- Please log onto our website at **[www.snomaster.co.za](http://www.snomaster.co.za)**
- Click on the 'Warranty' tab.
- Enter warranty information and upload proof of purchase at the bottom of the page.

#### SERVICE AND SUPPORT

Should an instance arrive where you require assistance, contact our service team:

- Please log onto our website at **[www.snomaster.co.za](http://www.snomaster.co.za)**
- Click on the 'Support' tab.
- Click 'Find a Repair Agent Near You' and enter your region.
- Alternatively contact us via email: **[info@snomaster.co.za](mailto:info@snomaster.co.za)** or contact us on **+27 11 392 5315**.

# IMPORTANT SAFETY INFORMATION

## 100L SUB-ZERO UNDER-COUNTER BEVERAGE COOLER (SM-130F)

**This manual contains important information including safety, installation, maintenance and warranty instructions of the SnoMaster – 100L Sub-Zero Under-Counter Beverage Cooler (SM-130F). Please read this manual carefully before use and follow all safety information and instructions. It is recommended to keep this manual for easy reference so that you are familiar with the operation and maintenance of your appliance**

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### NOTE BEFORE USING YOUR APPLIANCE

Before using this appliance, ensure it is correctly positioned and installed as outlined in this manual. Follow these basic precautions to prevent the risk of fire, electrical shock, or injury:

- This appliance is designed for domestic indoor use only.
- Ensure the plug is easily accessible after positioning the appliance.
- Avoid connecting or disconnecting the electric plug with wet hands.
- To disconnect the appliance, grip the plug and pull it from the wall outlet. Never pull out the plug by the cord.
- It is advisable to use a dedicated power source and avoid using extension cords.
- Please unplug the appliance or disconnect the power before performing any cleaning, maintenance, or servicing.
- If the appliance power supply cord is damaged, it must be replaced by SnoMaster, its approved agent, or a similarly qualified person to prevent any hazard.
- Cleaning and maintenance should be supervised by adults, especially if children are involved.
- Ensure sufficient personnel are available to move and install the appliance to prevent any damage or injuries.
- To ensure proper ventilation for the appliance, the front of the unit must be completely unobstructed. Place the unit away from direct sunlight and heat sources (stove, heater, radiator, etc.).

- Unless specifically recommended in this manual, do not attempt to repair or replace any part of the appliance. All other servicing should be referred to a qualified technician.
- The appliance needs to be levelled for optimal operation. You can adjust the appliance feet to level it +/- 10mm.
- Never clean appliance parts with flammable fluids as they may create a fire hazard or explosion. Also, avoid storing or using petroleum or other flammable vapours and liquids near this appliance.
- Avoid solvent-based cleaning detergents or abrasives on the interior or exterior as they may damage or discolour it.
- This appliance operates on a single-phase voltage of 220-240V/50Hz, to avoid electrical surges, it is advised to use a surge protector plug.
- Clean the product surfaces with a mild detergent and a damp cloth before initial use.
- Before connecting the appliance to a power source, let it stand upright for approximately 8 hours. This measure helps minimise the risk of a cooling-system malfunction that might occur due to handling during incorrect transportation.
- Ensure all electrical connections are clean and dry before switching on the appliance.
- Ensure all parts are correctly assembled before operation.



**This appliance contains CYCLOPENTANE and R600a gas, which is FLAMMABLE and may cause a fire or an explosion.**



### **WHEN DISPOSING THE APPLIANCE**

#### **Please observe the following instructions:**

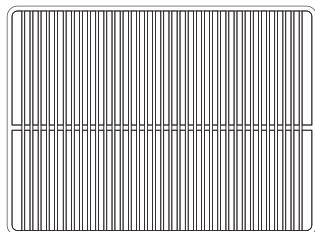
- Detach the door gasket and unlock the door to keep the door from being tightly closed.
- Always ensure the appliance is out of reach of children. Before disposing of it, damage the body to prevent children from climbing inside, ensuring their safety.
- Follow the instructions of your local regulations when disposing.

# INSTALLATION INSTRUCTIONS



Before installing your new appliance, please read all safety instructions in this manual and follow the installation instructions below:

## ACCESSORIES INCLUDED



3 x SHELVES

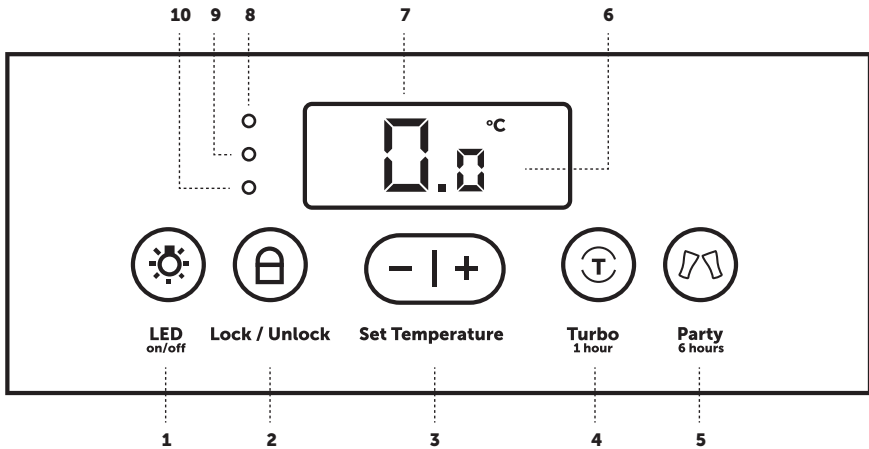
**Please check if all the accessories shown below are included:**

Please remove the appliance from the box, ensure all packaging materials, stickers, and films are removed from the product and any additional cords.

- Ensure the appliance is placed on a stable, level floor for quieter operation and be sure that the floor is strong enough to support the appliances weight when fully loaded.
- If the appliance happens to be placed on a carpet, support it with cardboard underneath. **Beware that placing the appliance on a carpet may cause the heat from the compressor to cause the carpet to fade.**
- Ensure the appliance has enough space to allow for air circulation around it, leave a clearance of 50mm at the top, 100mm at the rear, and a 100mm at each side.
- This appliance operates optimally in an ambient temperature of up to 32°C.
- This appliance is designed to be freestanding only and should not be recessed or built in.
- Please do not tilt the appliance more than 45° from upright when moving it.
- **Avoid areas where the appliance might be exposed to direct sunlight, any sources of heat (stove, heater, radiator, etc.), extreme hot ambient temperatures or excessive moisture.**

# CONTROL PANEL

## SETTING THE DIGITAL THERMOSTAT (FIRST TIME USE)



- 
- |                                      |  |
|--------------------------------------|--|
| <b>1</b> LED Light On/Off Switch     | <b>6</b> Set Temperature Indicator         |
| <b>2</b> LED Display Lock Switch     | <b>7</b> Current Set Temperature Indicator |
| <b>3</b> Set Temperature Switch      | <b>8</b> Thermal Cycling Indicator Open    |
| <b>4</b> Turbo Mode Switch (1 Hour)  | <b>9</b> Door Open Indicator               |
| <b>5</b> Party Mode Switch (6 Hours) | <b>10</b> Locked LED Display Indicator     |
- 

This appliance operates using a digital thermostat and has an LED light with an on/off switch which is controlled on the front of the appliance. Please note that these units display the set temperature not the ambient temperature inside the unit.

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### SETTING TEMPERATURE

To adjust the temperature setting press the plus or minus control to your desired temperature, and leave it to set.



## DIGITAL THERMOSTAT SETTINGS

On the digital display, located on the front of the door;

### THERMOSTAT SETTINGS:

**-5°C** is the **lowest temperature** setting (Sub Zero)

**22°C** is the **highest temperature** setting

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### TURBO FUNCTION

The Turbo function is designed for use when restocking the appliance. It rapidly lowers the temperature to -5°C for one hour, ensuring a swift cool-down of beverages by bringing the interior temperature down.

### PARTY FUNCTION

The Party function is ideal for situations where you anticipate frequent use of the appliance, such as opening and closing the door frequently during an event. It lowers the temperature to -5°C for 6 hours and then automatically returns to the preset temperature afterward.

### THERMAL CYCLING INDICATOR

The Thermal Cycling Indicator is present when the appliance is in cycle to maintain the set temperature. (Between the set 2-3 degree variance).

### CELCIUS TO FAHRENHEID

If you long press the **plus** and **minus** buttons together it will switch over to Fahrenheit. If you would like to go back to Celcius, long press the **plus** and **minus** buttons again and it will return to Celsius

### LIGHT FUNCTION

To turn the light OFF/ON, short press the light button. The light inside will turn ON/OFF.

### LED CONTROL LOCK

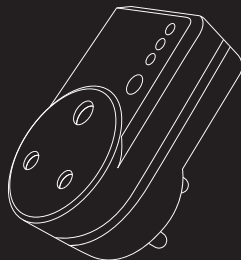
To unlock the LED Control Panel, press and hold the **lock** function for +/- 4 seconds. The appliance will make a beeping sound. The **red lock** icon will disappear. To lock the LED Control Panel again press and hold the **lock** switch for **+/- 4 seconds** and wait for the red icon to appear again. The LED Control Panel will now be locked.

## DOOR INDICATOR

A beeping sound will be heard if the door has been open for longer than 1 minute.

## SURGE PROTECTOR PLUG

To avoid electrical surges, it is advised to use a surge protector plug. (Please note that this must be purchased separately and does not come with the unit.)



## MAINTENANCE

To ensure safety, remember to always disconnect the appliance from the power supply before any form of maintenance or cleaning.

### INTERNAL CLEANING

- Remove accessories from the appliance. Accessories can be cleaned separately with soap and water. Do not put them in the dishwasher.
- Do not use any abrasive materials or detergents.
- After washing, rinse with clean water and dry carefully.
- When you are done cleaning the appliance reconnect the plug with dry hands.

### EXTERNAL CLEANING

- DO NOT POUR WATER OVER THE APPLIANCE.
- Wash the exterior of the unit with warm soapy water.
- PLEASE DO NOT use abrasive materials or detergents.
- Be careful of sharp edges under the appliance.
- Once or twice a year, dust the compressor at the back with a brush or a vacuum cleaner, as over time it accumulates dust and that may affect the performance of the appliance and cause increased energy consumption.
- Do not use any sharp objects when cleaning.
- Do not wash the appliance with direct or high-pressure water jets.

# FOOD STORAGE

- The appliance is suitable for short-term storage of fresh food. The temperature inside varies depending on the amount of food stored.
- To maintain good cooling efficiency and save energy, we recommend less frequent opening and closing of the appliance door.
- Do NOT overload the appliance and ensure you keep enough space around items for cold air flow.
- Do not block any ventilation openings.

# ENERGY SAVING TIPS

- Place the appliance in the coolest area of the room, away from any heat-producing appliances and out of direct sunlight.
- Do NOT overload the appliance as it forces the compressor to run longer.
- Do not set the thermostat on excessive cold temperatures.

# TROUBLESHOOTING

PROBLEM	PROBLEM POSSIBLE CAUSE / MEASURE
Appliance is not turning on	<ul style="list-style-type: none"><li>• Check if the appliance is correctly switched on.</li><li>• Check if there has not been loadshedding or a power cut.</li><li>• Check if plug is not faulty or damaged.</li><li>• Check if voltage is correct.</li></ul>
Temperature within the appliance is not getting cold enough	<ul style="list-style-type: none"><li>• Check that the appliance is not overloaded.</li><li>• Check if appliance is not placed in direct sunlight.</li><li>• Check if door is closed completely/ not frequently opening the appliance.</li><li>• Check door gasket if not sealing properly and check for damages or tears on the gasket.</li><li>• Check if the cooler does not have the correct clearances at the sides/back.</li><li>• Check that the settings are correct.</li></ul>

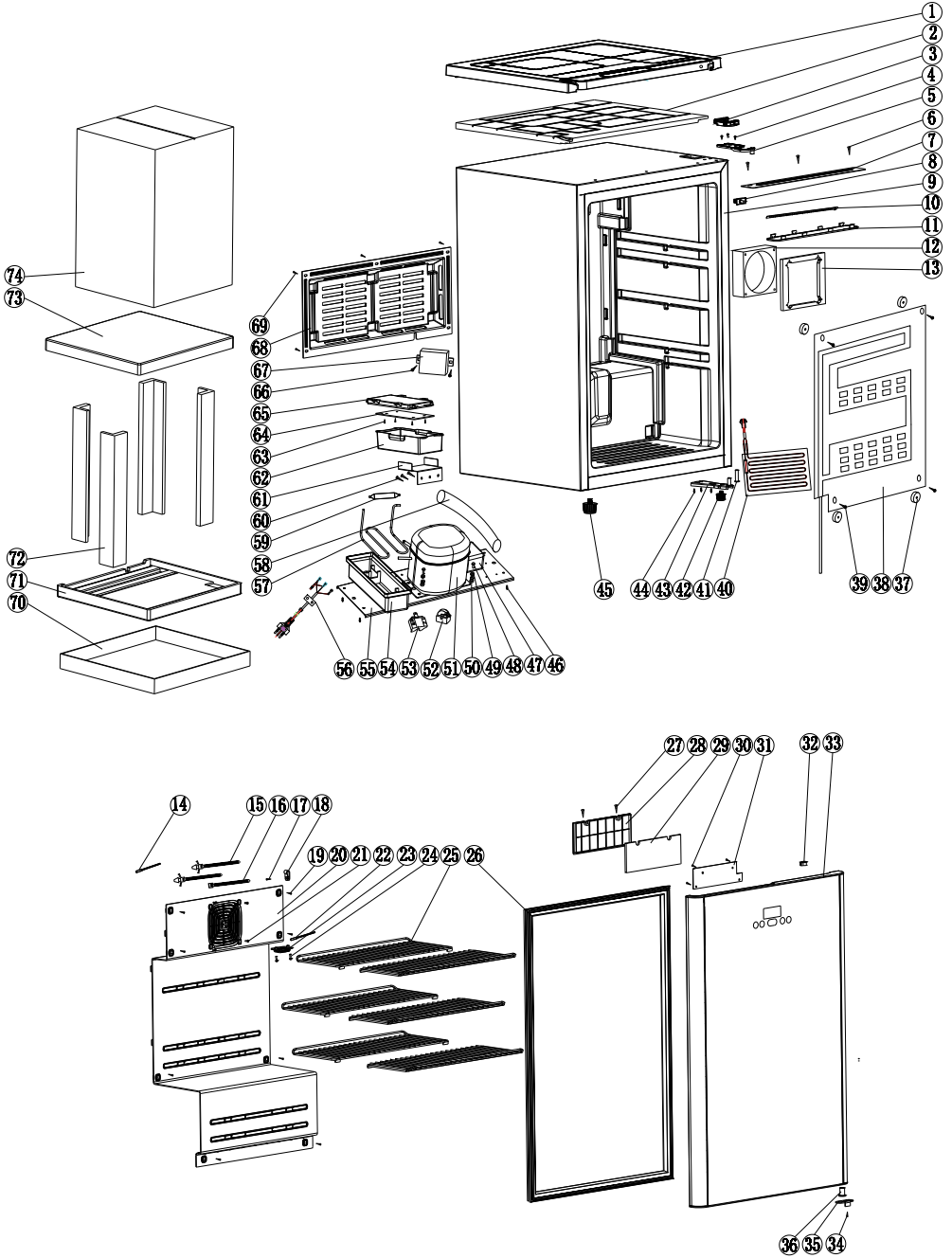
# TROUBLESHOOTING

PROBLEM	PROBLEM POSSIBLE CAUSE / MEASURE
Temperature within the appliance is too cold	<ul style="list-style-type: none"> <li>• Please relocate the appliance to a warmer area, preferably at room temperature.</li> <li>• Not enough ventilation around the unit.</li> <li>• Check if Thermostat probe is not faulty, if so please contact SnoMaster support to replace.</li> </ul>
Moisture forms on the inside/ outside walls of the appliance	<ul style="list-style-type: none"> <li>• Hot and humid weather usually in the coastal locations increases the internal rate of condensation. This is normal.</li> <li>• Set the temperature to a higher setting to avoid condensation.</li> <li>• Condensation may occur seasonally depending on humidity and ambient temperature.</li> <li>• Open the door less frequently and ensure it is closed properly at all times.</li> </ul>
Exterior of appliance is wet	<p>Condensation will form on the outside of the appliance if it operates in humid areas or in the rainy season, simply wipe it dry with a non-abrasive cloth.</p>
Smell/Odour	<ul style="list-style-type: none"> <li>• Check for spillages on each shelf/drawer. You may need to remove the shelves/drawers to check that no spillages have settled underneath them.</li> <li>• Double check if all foods and drinks in the appliance have not expired. If they have expired, then they should be removed immediately.</li> <li>• Placing charcoal in the appliance for a while can also help eliminate the smell/odour.</li> </ul>
Door does not close properly	<ul style="list-style-type: none"> <li>• Check if door gasket/seal is not torn or worn out.</li> <li>• Check if door compartments and shelves are correctly placed inside the appliance.</li> <li>• Check if the appliance is leveled.</li> <li>• Ensure there are no obstructions preventing the door closure.</li> </ul>

# TROUBLESHOOTING

PROBLEM	PROBLEM POSSIBLE CAUSE / MEASURE
<p>Unusual noises/ Gurgling or Cracking Noises</p>	<ul style="list-style-type: none"> <li>• Ensure appliance is positioned level on the ground.</li> <li>• Caused by the flow of refrigerant when each cooling cycle ends.</li> <li>• Check if there is enough spacing around the appliance and ensure it is not touching other items.</li> <li>• This is normal, as the appliance makes a sound when the unit is expanding and contracting along its walls.</li> <li>• The pipes might be touching or some parts came lose, please contact a service agent.</li> </ul>
<p>Appliance door not opening</p>	<p>If the door has just been opened, leave it for a few minutes to allow air pressure to equalize before trying to open it again.</p>
<p>Exterior surface is warm</p>	<p>This is normal while the compressor works to transfer heat from inside the appliance cabinet it can reach up 70-90°C</p>
<p>Compressor runs for 1-5 mins/continuously</p>	<ul style="list-style-type: none"> <li>• The ambient temperature is too high, please relocate the appliance to a better ventilated cooler place.</li> <li>• The voltage is incorrect is incorrect, switch off the appliance and restart when the power is normal.</li> </ul>
<p>Compressor runs but the compartment is not getting cold</p>	<p>The appliance has leaked or the system may be blocked please contact a service agent.</p>
<p>Temperature isn't displaying properly</p>	<p>Please note that these units display the set temperature not the ambient temperature inside the unit.</p>

# SM-130F EXPLODED DIAGRAM



# SM-130F EXPLODED DIAGRAM

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1	Top cover	38	Evaporator
2	Top cover support foam	39	SS screw ST4.2X16
3	Door hinge cover	40	Defrost heating wires(220V)
4	Screw M5X16	41	Lower door axis sleeve
5	Upper door hinge	42	front feet
6	Screw ST4.2X16	43	Lower door hinge (S.S.)
7	Top cover fixed plate	44	Screw M5X16
8	Light switch assembly(with sponge)	45	feet
9	Cabinet(220V)	46	Screw M5X16
10	LED light	47	Relay cover
11	LED light cover plate	48	Hexagon headflange face screw
12	Evaporator fan(220V)	49	Flat washer
13	Fan support sponge	50	Machine leg rubber ring
14	Defrost sensor	51	Compressor(220V)
15	Belt-1(3.3x160mm)	52	Relay of compressor
16	Belt-2(4X180mm)	53	Overload Protector of compressor
17	SS screw ST4.2X16	54	Drip tray
18	cable clamp(CC-0.5)	55	Compressor installation plate
19	SS screw ST4.2X16 (black)	56	power supply and plug
20	Evaporator fan cover plate	57	Evaporating pipe in drip tray
21	Cross recessed countersunk head screw	58	Insulating pipe
22	Temperature sensor	59	dry filter
23	Temperature sensor cover	60	Screw ST4.2X16
24	Temperature sensor cover fixing screw	61	Power box fixed plate
25	shelf	62	Power panel cover
26	Door gasket	63	SS screw ST4.2X10
27	SS screw ST4.2X16	64	Power panel
28	PCB cover plate	65	Power panel base
29	PCB cover plate sponge	66	SS screw ST4.0X10
30	Screw ST4.0X10	67	Transformer(220V)
31	Control panel	68	compressor compartment cover
32	Upper door axis sleeve	69	Screw ST4.2X16
33	Door	70	Base pallet
34	Screw ST4.2X16	71	Base foam
35	Stopper	72	Corner foam
36	Axis sleeve	73	Top foam
37	Evaporator fixed block	74	Carton



**ICE COLD ANYWHERE**

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