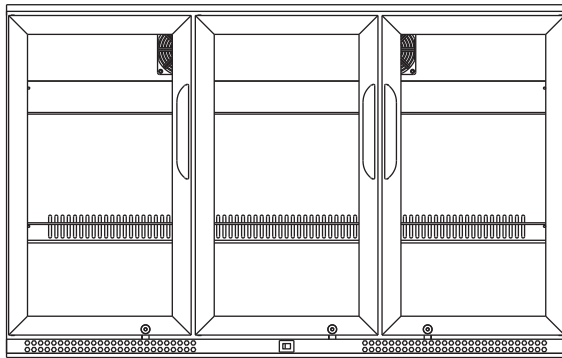
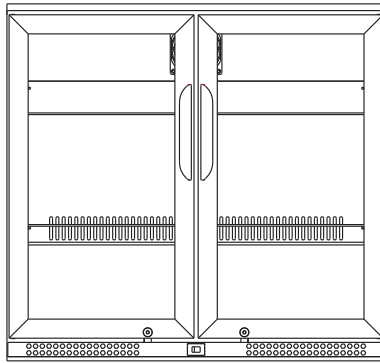




USER MANUAL AND PRODUCT SPECIFICATIONS

ICE COLD ANYWHERE

UNDER-COUNTER BEVERAGE COOLERS



MODELS:

SMBC-200 / SMBC-200(SS)

SMBC-300 / SMBC-300(SS)

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THANK YOU FOR PURCHASING YOUR SNOMASTER UNDER-COUNTER BEVERAGE COOLER

• WARRANTY, SERVICE AND SUPPORT •

This product is warranted for **5 years on the compressor, 3 years on the unit and 1 year on all parts not listed 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 Under-Counter Beverage Cooler 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**
- 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**
- 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** or contact us on **+27 11 392 5315**.

IMPORTANT SAFETY INFORMATION

UNDER-COUNTER BEVERAGE COOLER

This manual contains important information including safety, installation, maintenance and warranty instructions of the SnoMaster range of Under-Counter Beverage Coolers. 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.

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 or commercial indoor use only and is exclusively intended for storing beverages and foodstuffs.
- Ensure the incline angle of the appliance is not more than 45° during transportation or operation.
- Before using your appliance for the first time, you should wait about 12 hours after positioning it in place.
- Ensure sufficient personnel are available to move and install the appliance to prevent damage or injuries.
- The appliance needs to be levelled for optimal operation. You can adjust the appliance feet to level it +/- 10mm.
- 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 agents, or a similarly qualified person to prevent any hazard.

- It is recommended that the circuit breaker size should be no more than 20 amps.
 - 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.
 - Cleaning and maintenance should be supervised by adults, especially if children are involved.
 - The keys to the appliance doors should be kept out of the reach of children.
 - The appliance should be placed on a flat surface and should be completely unobstructed. Ensure to leave 150mm space around the appliance to ensure proper ventilation of the appliance. Place the appliance 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.
 - 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 contains CYCLOPENTANE and R600a gas, which is FLAMMABLE and may cause a fire or an explosion.**
-



WHEN DISPOSING OF THE APPLIANCE

Please observe the following instructions:

- Always ensure the appliance is out of reach of children. Before disposing of it, damage the body and remove the doors to prevent children from climbing inside.
- Follow the instructions of your local regulations when disposing of the appliance.

PRODUCT FEATURES

HEATED TEMPERED GLASS HINGED DOORS | DOOR LOCKS | FAN ASSISTED COOLING | INTERIOR LED LIGHT | INTERNAL DIGITAL THERMOSTAT | ADJUSTABLE METAL SHELVES

SPECIFICATIONS:

SMBC-200: 200L UNDER-COUNTER BEVERAGE COOLER

- **Dimensions (mm) Unit:** (H) 850 (L) 900 (W) 520
 - **Dimensions (mm) Packaged:** (H) 920 (L) 985 (D) 575
 - **Storage Volume:** 200L
 - **Temperature Zone:** 0°C to 10°C
 - **Net Weight:** 63Kg
 - **Voltage:** 220-240V/50HZ
 - **Rated Current:** 1.2A
 - **Lamp Power:** 2.0W
 - **Colour:** Black
 - **Suggested Applications:** Café, Restaurant, Bar, Pub, Kitchen, Office, B&B
 - **Design Criteria:** Engineered for the African Climate
-

SMBC-200(SS): 200L UNDER-COUNTER BEVERAGE COOLER - STAINLESS STEEL

- **Dimensions (mm) Unit:** (H) 850 (L) 900 (W) 520
- **Dimensions (mm) Packaged:** (H) 920 (L) 985 (D) 575
- **Storage Volume:** 200L
- **Temperature Zone:** 0°C to 10°C
- **Net Weight:** 63Kg
- **Voltage:** 220-240V/50HZ
- **Rated Current:** 1.2A
- **Lamp Power:** 2.0W
- **Colour:** Stainless Steel
- **Suggested Applications:** Café, Restaurant, Bar, Pub, Kitchen, Office, B&B
- **Design Criteria:** Engineered for the African Climate

SPECIFICATIONS:

SMBC-300: 300L UNDER-COUNTER BEVERAGE COOLER

- **Dimensions (mm) Unit:** (H) 850 (L) 1350 (W) 520
 - **Dimensions (mm) Packaged:** (H) 920 (L) 1435 (D) 575
 - **Storage Volume:** 300L
 - **Temperature Zone:** 0°C to 10°C
 - **Net Weight:** 88Kg
 - **Voltage:** 220-240V/50HZ
 - **Rated Current:** 1.2A
 - **Lamp Power:** 3.0W
 - **Colour:** Black
 - **Suggested Applications:** Café, Restaurant, Bar, Pub, Kitchen, Office, B&B
 - **Design Criteria:** Engineered for the African Climate
-

SMBC-300(SS): 200L UNDER-COUNTER BEVERAGE COOLER - STAINLESS STEEL

- **Dimensions (mm) Unit:** (H) 850 (L) 1350 (W) 520
- **Dimensions (mm) Packaged:** (H) 920 (L) 1435 (D) 575
- **Storage Volume:** 300L
- **Temperature Zone:** 0°C to 10°C
- **Net Weight:** 88Kg
- **Voltage:** 220-240V/50HZ
- **Rated Current:** 1.2A
- **Lamp Power:** 3.0W
- **Colour:** Stainless Steel
- **Suggested Applications:** Café, Restaurant, Bar, Pub, Kitchen, Office, B&B
- **Design Criteria:** Engineered for the African Climate

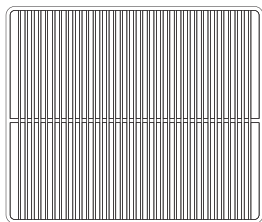
INSTALLATION INSTRUCTIONS



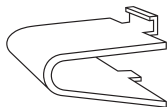
Before installing your new appliance, please read all safety instructions in this manual and follow the installation instructions below:

- Remove the appliance from the box, ensure all packaging materials, stickers and films are removed from the product. Clean the appliance's surfaces with a mild detergent and a damp cloth before initial use.
- Clean the interior, shelving and glass doors with a mild detergent and damp cloth before initial use.
- Ensure the appliance is placed on a level, sturdy surface.
- **Caution:** Installing the appliance on carpeting may lead to discolouration due to heat emission from the compressor.
- Ensure adequate air circulation for the appliance by maintaining a clearance of at least 150mm on all sides.

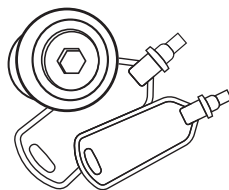
ACCESSORIES INCLUDED



METAL DISPLAY
SHELVES



SHELF CLIPS



DOOR
LOCKS & KEYS

LIST PER MODEL

SMBC-200 & SMBC-200(SS):

- 4 x Metal Display
- 16 x Shelf Clips
- 2 x Door Locks & 2 x Keys

SMBC-300 & SMBC-300(SS):

- 6 x Metal Display
- 24 x Shelf Clips
- 3 x Door Locks & 2 x Keys

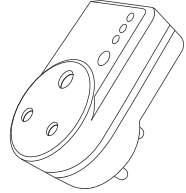
MOVING THE SHELVES

To move the shelves, use a pair of pliers to gently squeeze the shelf clips together and gently lift them upwards (from bottom to top) to remove them from the spacers. Ensure all four shelf guides are placed at the same height before placing the shelf back into the cabinet.

SURGE PROTECTOR PLUG

TO AVOID ELECTRICAL SURGES, IT IS ADVISED TO USE A SURGE PROTECTOR PLUG.

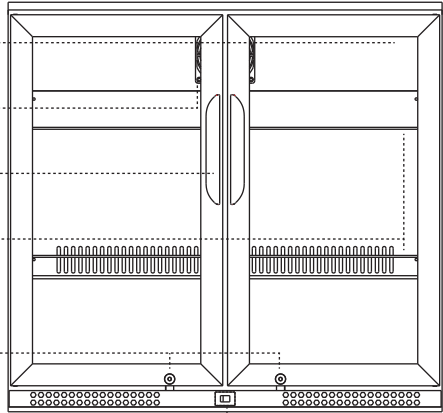
Please note that this must be purchased separately and does not come with the appliance.



STRUCTURE

SMBC-200 & SMBC-200(SS):

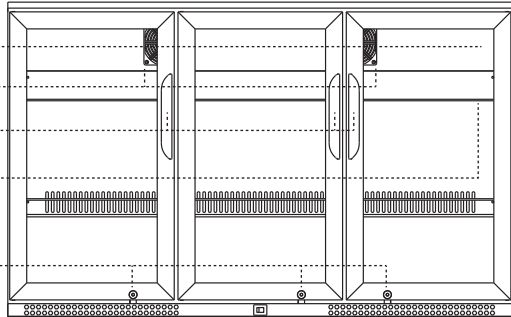
- Digital Thermostat
- Internal Circulating Fan
- Door Handles
- Metal Shelves
- Door Locks
- Heated Door On/Off Switch



STRUCTURE

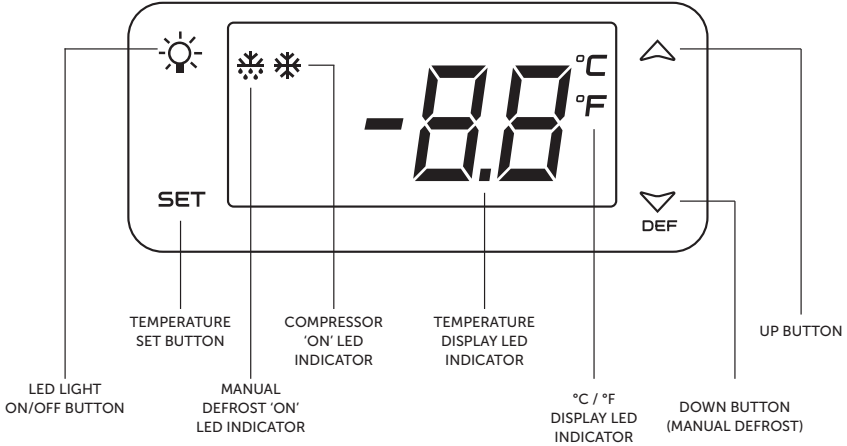
SMBC-300 & SMBC-300(SS):

- Digital Thermostat
- Internal Circulating Fans
- Door Handles
- Metal Shelves
- Door Locks
- Heated Door On/Off Switch



CONTROL PANEL

The digital thermostat can be found inside the appliance.



The button on the exterior bottom of the appliance can be switched on when needed. It is normally off for energy efficiency. In high humidity or when condensation forms, activate the heated door switch to eliminate condensation on the doors.



EXTERIOR HEATED DOOR ON/OFF SWITCH

LED DISPLAY PANEL LEGEND

Mode: On - Compressor Enabled
Mode: Flashing - Anti-short Cycle Delay Enabled

Mode: On - Defrost In Progress

Mode: On - Measurement Unit
Mode: Flashing - Programming Mode

Mode: On - Measurement Unit
Mode: Flashing - Programming Mode

CONTROL PANEL BUTTONS

- The Digital Thermostat will automatically display the current temperature of the appliance.

SET To display target set point, in programming mode it selects a parameter or confirms an operation.



(UP) In programming mode it browses the parameter codes or increases the displayed value.



(DOWN) In programming mode it browses the parameter codes or decreases the displayed value. Press this button for longer than 2 seconds to start a manual defrost.



(LIGHT) To activate or deactivate the interior LED light.

ALARM SIGNALLING

MESSAGE	CAUSE	OUTPUT
P1	Room Probe Failure	Compressor Output According To Cy And Cn
HA	Maximum Temperature Alarm	Outputs Unchanged
LA	Minimum Temperature Alarm	Outputs Unchanged
dA	Door Open	Outputs Unchanged
E1	Room Probe	>15T and lasts more than 24 hours, Compressor Outputs Off: Turn The Appliance Off and On Again And The Compressor Will Restart

ALARM RECOVERY

Probe alarms "P1" start a few seconds after the fault in the related probe; they automatically stop a few seconds after the probe restarts normal operation. Check connections before replacing the probe. Temperature alarms "HA", "LA", automatically stop as soon as the temperature returns to normal values.

NOTE: When any one of the alarm signaling occurs, press any button to cancel the alarm sound, the corresponding message of the alarm signaling will continue to display until the fault is removed.

DEFAULT SETTING VALUES



NO.	CODE	CODE NAME	DESCRIPTION	RANGE	DEFAULT
1	SP	Set point	Cut-out temperature	-55 to 99 °C; -67 to 99 °F	4
2	dF	Differential	Differential for set point. Compressor is Cut in when the temperature reaches \geq the set point (SP)+differential (dF). Compressor is Cut out when the temperature reaches \leq the set point(SP).	0.1 to 25°C; 1 to 45°F	3
3	LL	Minimum set point	Set the minimum value for the set point.	-55°C to SP; -67°F to SP	0
4	UL	Maximum set point	Set the maximum value for the set point.	SP to 99°C; SP to 99°F	8
5	CA	Probe calibration	Allow to adjust possible offset of the probe.	-10 to 10°C; -17 to 17 °F	3.5
6	d1	Outputs activation delay at start up	This function is enabled at the initial start up of the instrument and inhibits any output activation for the period of time set in the parameter.	0 to 99min	0
7	d2	Anti-short cycle delay	Minimum interval between the compressor stop and the following restart.	0 to 50min	5
8	Cy	Compressor ON time with faulty probe	Time during which the compressor is active in case of faulty thermostat probe.	0 to 99min	20
9	Cn	Compressor OFF time with faulty probe	Time during which the compressor is OFF in case of faulty thermostat probe.	0 to 99min	20
10	CF	Measurement unit	°C = Celsius; °F = Fahrenheit. WARNING: When the measurement unit is changed the SET point SP and the values of the parameters dF,LL,UL,AH,AL etc have to be checked and modified if necessary.	°C;°F	°C

DEFAULT SETTING VALUES

NO.	CODE	CODE NAME	DESCRIPTION	RANGE	DEFAULT
11	rE	Resolution	Only for °C, dE= decimal between -9.9 and 9.9°C; in= integer	dE / in	dE
12	d3	Display delay	When the temperature increases, the display is updated of 1 °C/1°F after this time	0 to 15min	5
13	d4	Interval between defrost cycles	Determines the time interval between two consecutive defrost cycles.	0 to 99hours	4
14	d5	Maximum length for defrost	Set the maximum length for defrost, 0 means no defrost	0 to 99hours	25
15	dt	Display during defrost	rt= real temperature; it= start defrost temperature; SP= set point SP; dF= label dF.	rt / it / SP / dF	it
16	AH	Maximum temperature alarm	When this temperature is reached, the alarm is enabled after the "A1" delay time.	AL to 99°C; AL to 99 °F	15
17	AL	Minimum temperature alarm	When this temperature is reached, the alarm is enabled after the "A1" delay time.	-55°C to AH; -67°F to AH	-2
18	A1	Temperature alarm delay	Time interval between the detection of an alarm condition and alarm signalling.	0 to 99min	10
19	A2	Exclusion of temperature alarm at startup	Time interval between the detection of the temperature alarm condition after instrument power on and alarm signalling.	0 to 99min	99
20	A3	Door open alarm	oP=activated by closing the contact; cL=activated by opening the contact.	oP;cL	CL
21	A4	Door open alarm delay	The delay to activate the door open alarm.	0 to 99min	1

OPERATION PROCEDURE

- Connect the appliance to a dedicated power source.
- **Viewing the Set Temperature:** To check the set temperature of the appliance, short press the **SET** button to display the set temperature. The display will automatically return to the current / ambient temperature after 5 seconds.
- **Changing the Set Temperature:** Long press the **SET** button for 2 seconds and the current set temperature will be displayed while the °C and °F indicators will start blinking, now press the \triangle or ∇ buttons within 10 seconds to change the set temperature to the desired setting. The new set temperature will immediately be stored and the display will automatically return to the current / ambient temperature after 10 seconds.
- **Parameter Value Set:** Enter the programming mode by long pressing the **SET** + ∇ buttons simultaneously for 3 seconds. The °C and °F indicators will start blinking. Select the required parameter by pressing the \triangle or ∇ buttons and then press the **SET** button to change the current parameter and then short press \triangle or ∇ buttons to change its current value. Press **SET** again and the new parameter value as well as the °C and °F indicators will start blinking. The new value will automatically be stored after 2 seconds and move to the next parameter. Alternatively, after 10 seconds of inactivity, the display will automatically exit the programming mode and return to the current / ambient temperature display.
- **Locking the LED Display Panel:** Long press both the \triangle and ∇ buttons for 3 seconds and the 'oF' code will be displayed and start blinking on the LED display. The display will automatically return to the current / ambient temperature after 3 seconds of inactivity; and the display will now be locked.
- **Unlocking the LED Display Panel:** Long press both the \triangle and ∇ buttons for 3 seconds and the 'on' code will be displayed and start blinking. The display will automatically return to the current / ambient temperature after 3 seconds of inactivity; and the LED panel will now be unlocked.
- **Defrosting Procedure:** The appliance will automatically run defrost cycles - the cycle starts from the time the appliance is initially powered on.

- **Manual Defrost:** Long press the  for 5 seconds to start the manual defrost process. The  indicator will remain on during the defrost process.

Note: Manual defrost resets the automatic defrost timer. The next automatic defrost will start according to the set parameter.

INTERNAL CLEANING

- Remove accessories and clean separately with soap and water (do not use a dishwasher).
- Avoid abrasive materials or detergents.
- Rinse with clean water and dry thoroughly.
- Reconnect the plug with dry hands after cleaning.

EXTERNAL CLEANING

- Do not pour water over the appliance or wash with a high-pressure water jet. Wash the exterior of the appliance with warm soapy water.
 - PLEASE DO NOT use abrasive materials or detergents.
 - Dust the compressor at the back with a brush or vacuum cleaner once or twice a year to prevent dust accumulation, which can impact performance and increase energy consumption.
 - Do not use any sharp objects for cleaning.
-

FOOD STORAGE

- The appliance compartment 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 doors.
 - 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 the compressor will run longer.
- Do not set the thermostat on excessively cold temperatures.

TROUBLESHOOTING

Should you experience any issues with your appliance and the below troubleshooting tips do not resolve the fault experienced, kindly contact SnoMaster Service Department or your nearest accredited Service Agent:

PROBLEM	PROBLEM POSSIBLE CAUSE / MEASURE
Appliance is not turning on	<ul style="list-style-type: none"> • Check if the appliance is correctly switched on. • Check if there has not been load shedding or a power cut. • Check if plug is not faulty or damaged. • Check if voltage is correct.
Temperature within the appliance is not getting cold enough	<ul style="list-style-type: none"> • Check that the appliance is not overloaded. • Check if appliance is not placed in direct sunlight. • Check if door is closed completely/ not frequently opening the appliance. • Check door gasket if not sealing properly and check for damages or tears on the gasket. • Check if the cooler does not have the correct clearances at the sides/back.
Temperature within the appliance is too cold	<ul style="list-style-type: none"> • Please relocate the appliance to a warmer area, preferably at room temperature. • Not enough ventilation around the unit. • Check if Thermostat probe is not faulty, if so please contact SnoMaster support to replace.
Moisture forms on the inside/ outside walls of the appliance	<ul style="list-style-type: none"> • Hot and humid weather usually in the coastal locations increases the internal rate of condensation. This is normal. • Set the temperature to a higher setting to avoid condensation. • Condensation may occur seasonally depending on humidity and ambient temperature. • Open the door less frequently and ensure it is closed properly at all times.
Exterior of appliance is wet	<ul style="list-style-type: none"> • 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.

TROUBLESHOOTING

PROBLEM	PROBLEM POSSIBLE CAUSE / MEASURE
Smell/Odour	<ul style="list-style-type: none"> • Check for spillages on each shelf/drawer. You may need to remove the shelves/drawers to check that no spillages have settled underneath them. • Double check if all foods and drinks in the appliance have not expired. If they have expired, then they should be removed immediately. • Placing charcoal in the appliance for a while can also help eliminate the smell/odour.
Door does not close properly	<ul style="list-style-type: none"> • Check if door gasket/seal is not torn or worn out. • Check if door compartments and shelves are correctly placed inside the appliance. • Check if the appliance is leveled. • Ensure there are no obstructions preventing the door closure.
Unusual noises/ Gurgling or Crack- ing Noises	<ul style="list-style-type: none"> • Ensure appliance is positioned level on the ground. • Caused by the flow of refrigerant when each cooling cycle ends. • Check if there is enough spacing around the appliance and ensure it is not touching other items. • This is normal, as the appliance makes a sound when the unit is expanding and contracting along its walls. • The pipes might be touching or some parts came loose, please contact a service agent.
Appliance door not opening	<ul style="list-style-type: none"> • If the door has just been opened, leave it for a few minutes to allow air pressure to equalise before trying to open it again.
Exterior surface is warm	<ul style="list-style-type: none"> • This is normal while the compressor works to transfer heat from inside the appliance cabinet it can reach up 70-90°C.
Compressor runs for 1-5 mins/continuously	<ul style="list-style-type: none"> • The ambient temperature is too high, please relocate the appliance to a better ventilated or cooler area. • The voltage is incorrect, switch off the appliance and restart when the power has stabilised.

TROUBLESHOOTING

PROBLEM	PROBLEM POSSIBLE CAUSE / MEASURE
Compressor runs but the interior is not getting cold	<ul style="list-style-type: none"> • The appliance has leaked or the system may be blocked, please contact a service agent.
The digital display is not turning on	<ul style="list-style-type: none"> • Check that the appliance is correctly switched on. • Check that the plug is not damaged or faulty. • The Main control board is damaged or faulty and needs to be replaced.
LED panel is displaying error an error	<ul style="list-style-type: none"> • Refer to the Alarm Signaling table on page 7. • The Display may be faulty / the control board is damaged or faulty and needs to be replaced.
The digital display buttons are not functional	<ul style="list-style-type: none"> • The temperature controller panel is damaged.
The interior LED light does not switch on	<ul style="list-style-type: none"> • The LED light needs to be replaced. • The Main control board is faulty or damaged. • The light panel is faulty or damaged.



ICE COLD ANYWHERE

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