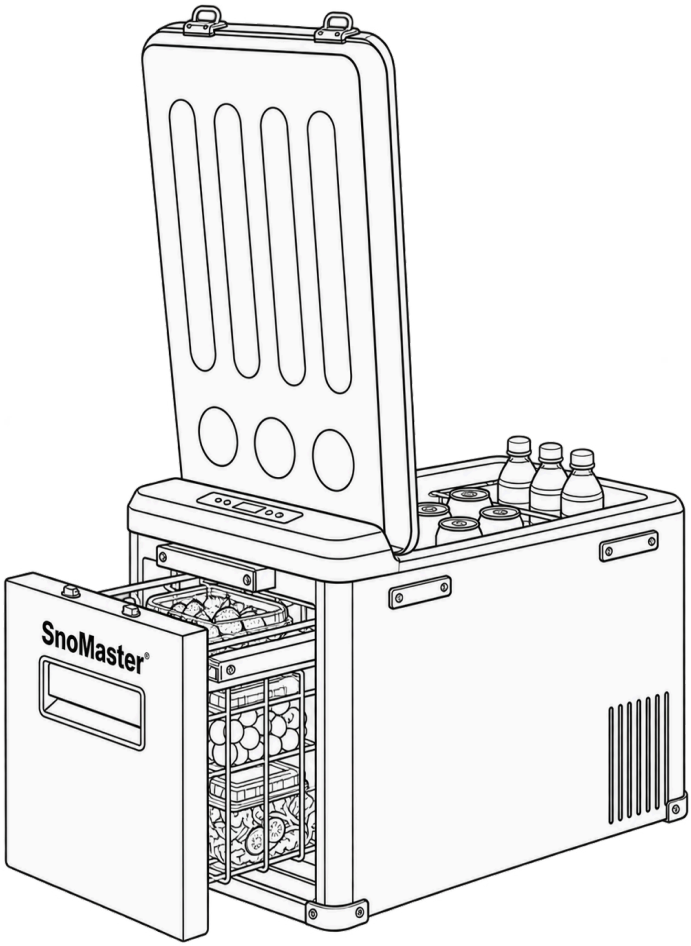
SnoMaster®

USER MANUAL AND PRODUCT SPECIFICATIONS



SMLS-80D | 60L SINGLE COMPARTMENT SLIDING MOBILE FRIDGE/FREEZER

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SnoMaster®

THANK YOU FOR PURCHASING THE SMLS-80D, 60L SLIDING FRIDGE/FREEZER

• WARRANTY, SERVICE AND SUPPORT •

This product has a **3-year warranty** 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 SMLS-80D, 60L Sliding Fridge/Freezer 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

SMLS-80D, 60L SLIDING FRIDGE/FREEZER

This manual contains important information including safety, installation, maintenance and warranty instructions of the SnoMaster SMLS-80D, 60L Sliding Fridge/Freezer. 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.

NOTE BEFORE USING YOUR APPLIANCE

Please read the user manual and safety instructions carefully before using the appliance.

Warning: Risk of fire / Flammable materials

GENERAL LIABILITY & WARRANTY

- By ignoring the safety instructions, the manufacturer cannot be held responsible for any damage.
- The use of accessories not recommended by the manufacturer may cause injuries and will invalidate the warranty.

INSTALLATION & PLACEMENT

- Place the refrigerator on a dry, stable surface with adequate ventilation.
- Install the appliance in a well-ventilated area, away from direct heat sources (e.g., open flames, radiators) and ignition sources (e.g., electric switches, ovens).
- Do not place the refrigerator in uncovered outdoor areas exposed to moderate/heavy rain or other elements. Do not leave it unattended in such conditions.
- Handle and install with care to avoid damaging the refrigerant circuit pipes.

- Ensure the power supply cord is not pinched or damaged during setup.
- Do not place multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Keep ventilation openings clear of obstruction.

POWER SUPPLY & ELECTRICAL SAFETY

- Use only the power supply unit provided with the appliance. It must be supplied at the safety extra-low voltage marked on the appliance.
- If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid a hazard.
- Disconnect the appliance from all power sources before performing any maintenance.
- Risk of fire and electric shock. Do not damage the refrigerant circuit.

USAGE INSTRUCTIONS

- Do not place open containers of liquid or hot/warm food directly into the refrigerator. Allow food to cool first.
- Secure the contents of the refrigerator when used in a moving vehicle.
- To maximize energy efficiency, ensure the lid/door is closed securely and open it only when necessary.
- Do not store explosive or flammable substances (e.g., aerosol cans with flammable propellant) in or near the appliance.
- Do not let hot items touch the plastic parts of the appliance.

FOOD SAFETY & MAINTENANCE

- To avoid food contamination: Avoid leaving the door open for long periods. Regularly clean surfaces that contact food and accessible drainage systems. Store raw meat and fish in sealed containers to prevent contact with or dripping onto other food.
- If the appliance will be unused for an extended period, switch it off, defrost, clean, dry, and leave the door open to prevent mold.
- Do not use mechanical devices or other means to accelerate defrosting, unless recommended by the manufacturer.

- Do not use electrical devices inside the food storage compartments unless approved by the manufacturer.
- The cooler is suitable for cooling and freezing foods.
- Use the fridge exclusively for cooling and storing closed beverages and snacks.
- Do not store any perishable food in the fridge.
- Food may only be stored in its original packaging or in suitable containers.
- The fridge is not intended to be brought into contact with food.
- The fridge is not intended for the proper storage of medicines. See the instructions in the package leaflet for the medicinal product.

USER SAFETY & REPAIRS

- The compressor and condenser may become very hot during operation; do not touch them.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience/knowledge, unless supervised or instructed by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the appliance.
- If the refrigerant circuit is damaged: Do not operate ignition sources (e.g., matches, lighters) or plug in the appliance. Evacuate the room immediately and ventilate the area for several minutes.
- All repairs, maintenance, and disposal must be performed by a qualified technician trained in handling refrigerant. Do not attempt to disassemble or repair the refrigeration system.
- The power cable must only be replaced by qualified technical personnel authorized by the manufacturer.

ADDITIONAL INFORMATION

- Further information is provided on the technical data label inside the product.

INTENDED USE

This appliance is intended to be used in household and similar applications such as:

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

ATTENTION

- Disconnect the unit from the mains power supply immediately in the event of any malfunction. Never touch any damaged or non-insulated electrical cables while the electrical power supply is enabled. This observation is particularly true when the unit is connected to 100-240V mains voltage. If the power cable is damaged, it must be replaced. Contact qualified personnel or the Service Centre.
- Do not use plugs and switches if you have wet hands or feet.
- Never touch any damaged or non-insulated electrical cables while the electrical power supply is enabled. This observation is particularly true when the unit is connected to 100-240Volt mains voltage.
- These fridges have been specifically designed to operate up to a 30° angle in mobile applications.
- If the refrigerator has been turned upside down or transported beyond this angle, it is advisable to place the fridge in a horizontal position for 24 hours before starting up the fridge. (The compressor operates in a lubricating oil which may find its way into the filter drier and cause a blockage in the pipes if the fridge was operated beyond the 30° angle or inverted).

DISPOSAL AND RECYCLING

To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the recovery systems or contact the retailer that they can take this product for environmentally safe recycling.

RISK OF CHILD ENTRAPMENT

Before you throw away your old refrigerator or freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

PRODUCT FEATURES

SINGLE COMPARTMENT | DIGITAL TEMPERATURE CONTROL | FLIP-UP LID AND FRONT DRAWER ACCESS | DC 12/24V AND AC 100–240V POWER | MAX / ECO MODES | THREE-LEVEL BATTERY PROTECTION

SPECIFICATIONS:

- **Model:** SMLS-80D
- **Dimensions (H x W x D):** 457 x 800 x 453 mm
- **Storage volume:** 60L
- **Net weight:** 23.9kg
- **Temperature range:** -20°C to +20°C
- **Power source:** DC 12/24V; AC 100–240V
- **Rated current:** 7.5A / 3.7A (DC); 1.6A–0.85A (AC)
- **Rated appliance power:** 85W
- **Insulation:** CFC-free PU foam

INSTALLATION INSTRUCTIONS

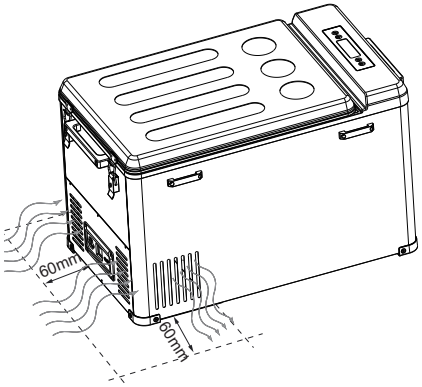
Before installing your new appliance, please read all safety instructions in this manual and follow the installation instructions below:

VENTILATION CLEARANCE

Slots and openings in the body are provided for ventilation to ensure reliable operation and protect against overheating. These openings should never be blocked or covered.

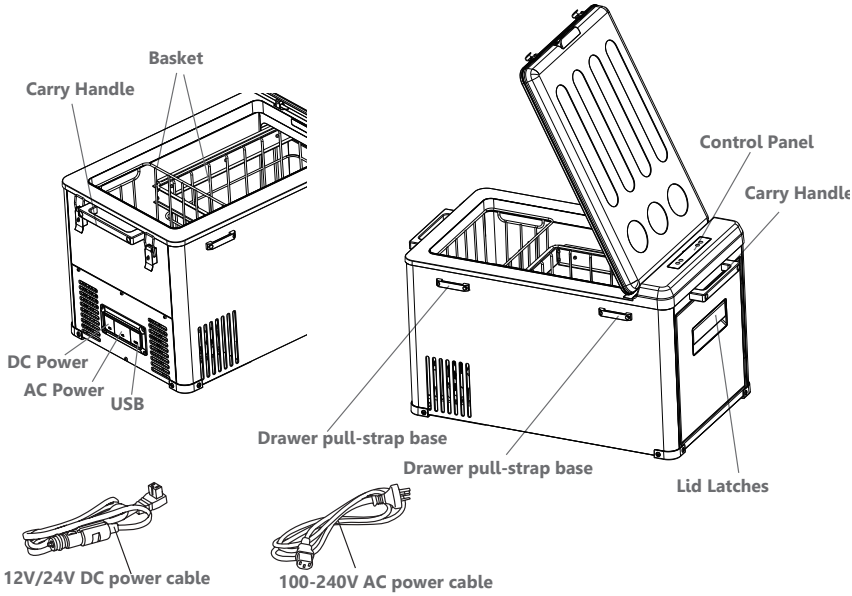
A minimum clearance of 60mm is recommended on the back, side and front of the fridge for ventilation.

This product should never be placed in a built-in installation with limited airflow unless adequate ventilation is provided. Closed compartments should be provided with cool air intake and warm air exhausts.



Keep the door opening angle within 100° during use. Do not open the door beyond 100°.

STRUCTURE AND ACCESSORIES



ACCESSORIES INCLUDED

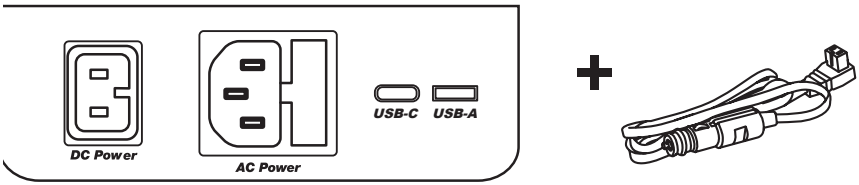
- 12V/24V DC power cable.
- 100–240V AC power cable.

POWER SUPPLIES

CONNECTING POWER - 12V / 24V DC

For battery-powered applications, connect the supplied 1.5mm^2 (16AWG) DC cable (or approved replacement) into the DC input socket and ensure it is properly inserted.

- Connect the other end to a 12V / 24V DC power source.
- If connecting to an existing cigarette plug, ensure that the power / voltage supply is sufficient. When the DC supply is connected, ensure that when the ignition is turned off, the power is disconnected as well.

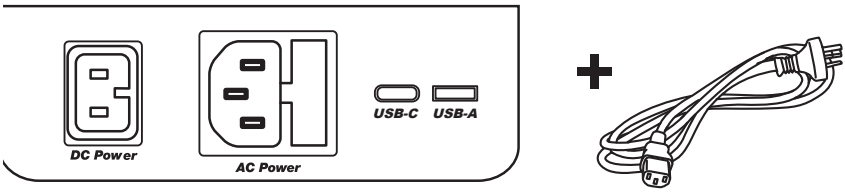


Use only the supplied power leads or an approved replacement. Keep all connections secure.

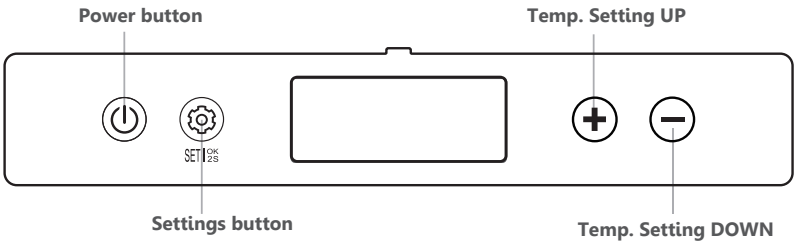
CONNECTING POWER - 100–240V AC

This unit is equipped with a multi-voltage power supply with a priority circuit for connecting to an AC voltage source of 240V. The power supply automatically switches to mains operation if the device is connected to 240V AC mains, even if the 12/24V connection cable is still attached. The power inlet socket is fitted with a fuse for protection.

Plug the 240V connection cable into the AC voltage socket on the rear and connect to a suitable 240V AC supply.



OPERATING INSTRUCTIONS



Connect the fridge to a power source and briefly press the power button to turn it on. Briefly press the power button again to turn it off.

TEMPERATURE SETTING

- Use the “+” and “-” buttons to adjust the temperature. Hold down the button for fast scrolling. Temperature range: -20°C to +20°C.
- During temperature setting, press and hold “+” or “-” to increase or decrease the set temperature at a rate of 4°C per second.

MAX / ECO MODE

MAX mode boosts efficiency, while ECO mode focuses on energy saving.

SETTING MODE

1. Hold down the settings button for 2 seconds to enter the setting menu.

2. While the display is flashing, press the settings button to cycle through MAX/ECO mode, Triple Battery Protection and Fahrenheit/Celsius switching.

3. Press “+” or “-” to navigate through the different modes within a group.

4. After switching, wait for 5 seconds to confirm the setting.

FAHRENHEIT / CELSIUS SWITCHING

Use the setting menu to switch between °C and °F on the display.

RESTORE FACTORY DEFAULTS

While the fridge is ON, press and hold the settings and power buttons for 5 seconds until the device resets to factory settings.

BATTERY PROTECTION

To protect the battery, the fridge shuts off if the voltage falls below the cut-off threshold. It turns back on once the voltage reaches the start-up threshold.

There are three battery-protection levels. M is the default setting.

POWER	H: HIGH		M: MEDIUM		L: LOW	
SOURCE	Start-up	Cut-off	Start-up	Cut-off	Start-up	Cut-off
12V	12.4V	11.1V	11.7V	10.4V	10.9V	8.5V
24V	25.7V	24.3V	24.2V	22.8V	22.7V	21.3V

MAINTENANCE

DEFROSTING

It is normal for ice to accumulate on the cooling surfaces of a freezer. This will be more significant in humid environments. Increased ice build-up reduces cooling performance and should be removed periodically.

- Before defrosting, remove any contents from the fridge or freezer compartment.
- Disconnect all power cables from the fridge and open the main door.
- Allow any ice to defrost and melt by itself. Do not use sharp objects to scrape ice from the cooling surfaces.
- Use a soft cloth to remove melting ice and water.
- Dry the interior before turning on the fridge.

EXTERIOR CLEANING

- Use a soft cloth with mild detergent if necessary to clean the exterior.
- Make sure surfaces are dry before storage, leaving the lid slightly open to ventilate.
- When storing the fridge, ensure the power is disconnected.

INTERIOR CLEANING

Clean the interior regularly to prevent bacteria and odours from forming.

- Use a soft cloth with mild detergent or anti-bacterial soap. Do not use abrasive or strong chemicals.
- Do not use ammonia-based cleaning agents or strong acids.

The ventilation intake on the rear of the fridge may accumulate dust or debris over time. Check the vents regularly and blow out dust or remove loose debris.

STORAGE WHEN NOT IN USE

Clean the interior and exterior before storage.

- Turn off the fridge and remove any power cables.
- Keep the lid open to allow air to circulate inside the fridge. This helps keep the interior dry and prevents odours.

TROUBLESHOOTING

Should you experience any issues with your appliance, check the guidance below. If the fault persists, contact SnoMaster Service or your nearest accredited service agent.

PROBLEM	POSSIBLE CAUSE / MEASURE
The compressor runs for 1-5 minutes then stops	• Select a well-ventilated area away from direct sunlight. • Switch the power off and restart after a couple of minutes.
The compressor runs but the interior is not getting cold	• Ensure the fridge/freezer is well-ventilated and away from direct sunlight or nearby heat sources. • Avoid opening the lid too frequently. Allow warm or hot food to cool before loading, and avoid overloading the compartment.
The compressor does not run	• Check the battery-protection setting. Refer to Battery Protection in this manual. • If the ambient temperature is too low, move the fridge/freezer to a warmer area, preferably at room temperature. • If the problem persists, contact SnoMaster Service or an accredited service agent.
The interior is too cold and the compressor runs continuously	• Relocate the fridge/freezer to a warmer area, preferably at room temperature. • Check that the temperature is set correctly. • If the problem persists, contact SnoMaster Service or an accredited service agent.
The fridge/freezer is noisy	• Ensure the fridge/freezer is level. Check for loose contents or parts. • Check for dust or obstructions around the condenser fan. • A hissing sound from refrigerant circulating through the cooling system is normal.
Condensation forms on the lid or body	• This is normal in high humidity. Ensure adequate ventilation and remove obstructions that restrict airflow around the unit.

TROUBLESHOOTING

When a fault occurs, an error code appears on the display. Refer to the codes below. Contact after-sales service where instructed.

Error Code E1	Cause: Low battery voltage. Solution: Check battery voltage and switch to Low voltage cut-off as required.
Error Code E2	Cause: Fan failure. Solution: Contact after-sales service.
Error Code E3	Cause: Motor failure. Solution: Ensure the air vents are unobstructed. Move the fridge to a cooler location; ambient temperature may be too high.
Error Code E4	Cause: Minimum motor speed error. Solution: Ensure the air vents are unobstructed. Move the fridge to a cooler location; ambient temperature may be too high.

TROUBLESHOOTING

Error Code E5	Cause: The unit is overloading. Solution: Ensure the air vents are unobstructed. Move the fridge to a cooler location; ambient temperature may be too high.
Error Code E6	Cause: NTC failure (open-circuit / short-circuit). Solution: Contact after-sales service.
Error Code E7	Cause: Communication failure between the display board and its module. Solution: Contact after-sales service.
Error Code E8	Cause: Tilt protection (tilt angle ≥30°). Solution: Place the refrigerator back on a level surface.

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