

INSTRUCTION MANUAL UPRIGHT DISPLAY FRIDGES

3736250, 3736251.



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1. PREFIX

This manual contains important information about the installation, operation, and maintenance of Bromic GM1000 cabinets. Please pay close attention to the important safety information shown throughout this instruction manual. Any safety information will be accompanied by the following safety alert symbols:

 DANGER,  WARNING,  IMPORTANT

- READ THIS MANUAL CAREFULLY before installing or servicing this product.
- Improper installation, operation, or maintenance can result in death, severe injury, or property damage.
- Improper installation, operation, or maintenance may also result in warranty being voided.
- This appliance is intended for 230-240 Volt power supply.
- Installation MUST be carried out as per instruction, by a qualified technician in accordance with local regulation.

2. IMPORTANT NOTES AND WARNINGS

- Read all instructions before installing or using this appliance
- Retain this manual for future reference
- Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury.
- Improper installation, adjustment or alteration and failure to follow the warnings and instructions in this manual could result in severe personal injury, death or property damage
- The manufacturer is not responsible for any damage that could happen from improper use. The manufacturer emphasises that this appliance should be used in a responsible manner and that all procedures, warnings, and safety instructions contained in this booklet be followed strictly.
- Check the appliance for damage. Do not operate a damaged unit.
- Check for damage to the appliance regularly. If damage to the appliance is suspected, discontinue use immediately and contact the supplier or qualified person to repair.
- This appliance is not intended for use by people (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 of their safety.
- Keep packaging material out reach of children
- Children should be carefully supervised to ensure that they do not play with the appliance
- Do not attempt to alter the appliance in any manner.
- Please pay attention to the maximum load limit when filling the shelves.
- All work on electrical equipment must be carried out by a qualified and licensed technician only.
- Do not perform maintenance until the appliance has been turned off and power disconnected.
- Never detach any cover except where specifically instructed in this manual. Doing so might expose live electrical parts.
- Do not operate the appliance with panels, covers or guards removed.
- Keep the air intake and outlets free of obstructions.
- Do not use the appliance outdoors.
- If the supply cord becomes damaged, it must be replaced by an authorised service agent or similarly qualified person in order to avoid a hazard.
- If the appliance has not been used, or will not be used for a long period of time, disconnect power supply.
- The appliance must be installed in accordance to AS1677.2:1998 to ensure there are no sources of ignition 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.
- Installation/servicing of the appliance must be performed by a licensed technician with Gas Work Authorization if the appliance gas system is being opened or charged.
- All appliances covered by this manual are flammable.



Caution
Risk of fire

3. PRODUCT OVERVIEW

		GM1000LWCAS	GM1000LBCAS
Part Number		3736250	3736251
External Dimension	Height, mm	2080	2080
	Width, mm	1200	1200
	Depth, mm	690	690
Capacity	Litres	880	880
Air Circulation	Type	Fan Forced	Fan Forced
Climate Class	Rating	3	3
Temperature	Range	-1°C to 5°C	-1°C to 5°C
	Type	Digital	Digital
Exterior	Material	Painted Metal	Painted Metal
Interior	Material	White/black painted metal	White/black painted metal
Electrical	Voltage, V	240	240
	Frequency, Hz	50	50
	Current, A	2.3	2.3
	Power, W	520	520
Power Consumption	kWh/24h	6.85	6.85
Internal Light	Type	LED	LED
	Qty	2	2
Refrigeration	Refrigerant	R290	R290
	Charge, g	150	150
Plug	Rating	10A	10A
Wheels	Type	Castors	Castors
	Quantity	4	4

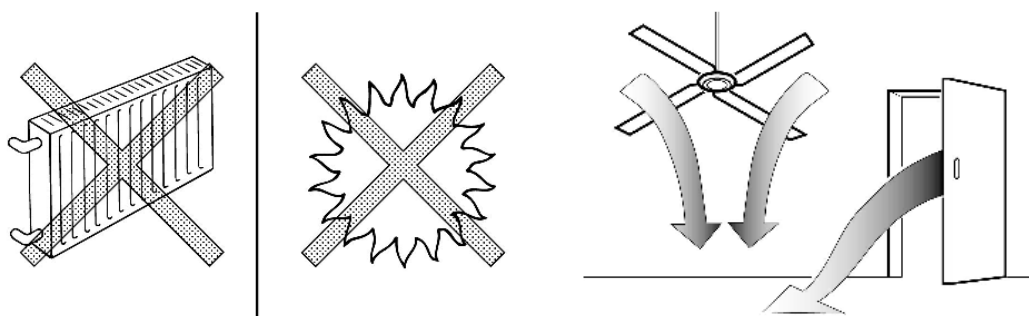
*Optional accessories product overview data can be found under the “Optional Accessories” section on page 13.

4. INSTALLATION

Locating the Cabinet

Ensure the following instructions are observed as this is vital for proper and trouble-free operation.

- Do not install the cabinet outdoors.
- Locate the appliance in a dry and well ventilated place.
- The unit must be positioned on a level surface.
- Do not install in the vicinity of heating radiators or other heat sources.
- Do not install the appliance where it is exposed to direct sunlight.
- Do not install the appliance where it is exposed to warm draughts or open doors.
- Keep the air intake and outlets free of obstructions.
- Adequate allowance should be made for door openings.



Ventilation

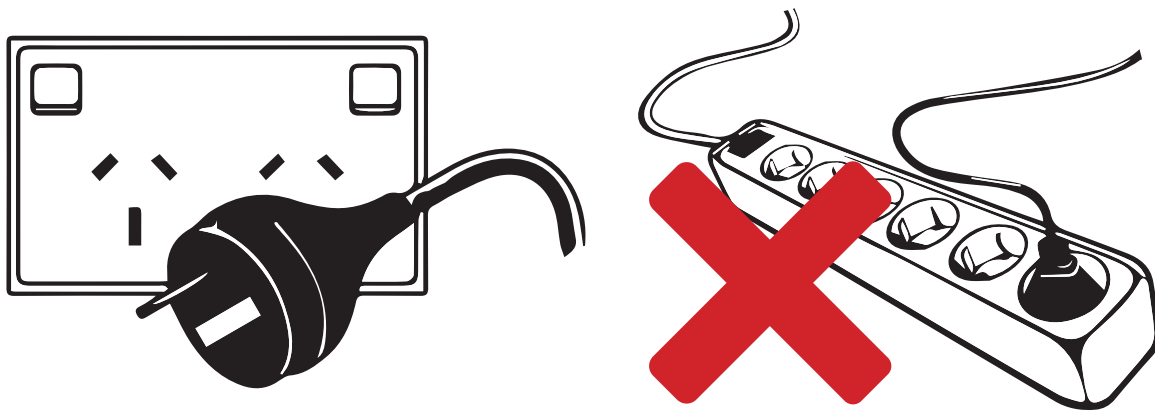
- Allow 150mm clearance between walls and the appliance.
- Ensure that the condenser fan is free to take in ambient air from the room.
- Adherence to minimum clearances is necessary



NOTE: The maximum ambient temperature for the refrigerator is 30°C. Conditions outside this temperature will result in cabinet temperatures outside the required 2 to 8°C range. Bromic recommends that the refrigerator is installed at an ambient temperature of 20 to 25°C.

Power Supply

- The appliance must not be plugged into a multiple outlet power board.
- The appliance is supplied with a flexible power cord fitted with a 3-pin plug.
- The socket used must be properly earthed and fuse/RCD protected.
- See the rating label inside the cabinet for supply voltage, frequency and current draw.
- Power cable is rated 70°C. It is recommended that the cable should not come into contact with parts over 50°C.
- Do not turn off power before consulting the person responsible.
- Mark the power source clearly, so the refrigerator is not unplugged or turned off accidentally.



Before Operating

- If the appliance has been sharply tilted or transported in the horizontal position, it must be left to stand in the upright position and not plugged in for at least 4 hours.
- Remove all the packaging material before using the appliance.
- Start the appliance only if it has been installed as described.

5. OPERATION

Start-up

- Connect the appliance to the mains power supply and turn the Power switch On.
- Allow the unit to operate for 1 hour to cool the compartment before placing items in the cabinet.
- Check that the electronic controller, lighting, and fans are operating correctly.
- The compressor and condenser fan should operate within 3 minutes after the Refrigeration switch is turned on.
- The electronic controller will display the current cabinet temperature after the Refrigeration switch is turned on.
- The ❄️ LED indicates that refrigeration circuit is operating.
- During the start-up delay (3 minutes), the ❄️ LED is flashing
- The 🌞 LED indicates that the refrigeration circuit is defrosting
- NOTE: The Cooling Light is illuminated when the appliance is chilling the interior of the cabinet.

Manual Defrost

- This cabinet features automatic defrost. However, should the appliance require an additional defrost, press SET and hold the DEFROST button for 6 seconds.
- Automatic defrost cycles occur every 6 hours and last 20 minutes (factory default). To stop the Defrost, press SET and hold the DEFROST button for 6 seconds.

Setting the temperature



- Press the **SET** button.
 - The value of the set point will be displayed and the display will flash.
 - Press ▲ or ▼ arrow key within 6 seconds to adjust the set point.
 - Press the **SET** key again or wait 6 seconds.
- Set the controller setpoint to 2C for M2 temperature class requirements (-1°C to +7°C) suitable for drinks and non perishable goods storage
 - Set the controller setpoint to 0C for M1 temperature class performance (-1°C to +5°C) suitable for foodstuff and perishable goods storage.

6. PRODUCT LOADING AND STORAGE



IMPORTANT: Run the refrigerator for at least 2 hours before loading.



WARNING: : Do not store explosive substances such as aerosol cans with a flammable propellant inside the appliance.

Start-up

- Clean the interior surface with a soft cloth and warm water before loading.
- Ensure there is free circulation of air between the products.
- Do not block the evaporator fan.
- Do not overstock the refrigerator.
- Keep refrigerator door openings to a minimum.
- Some products are sensitive to ultraviolet (UV) light, please see storage guidelines from the manufacturer before removing from packaging.
- Do not block the internal air vents or fans when loading the cabinet. This can reduce cooling performance.

NOTE: Bromic cannot be responsible for loss of stock or damage to stock.

7. MAINTENANCE



WARNING: Disconnect the appliance from the power supply before performing any maintenance. Never unplug the appliance by pulling on the cord. Always grasp the plug firmly and pull straight out of the outlet.



WARNING: Exposure to significant water ingress will void warranty and cause potential safety issues. If the unit should be exposed to water, please contact the manufacturer immediately.

IMPORTANT: Warranty may be void if there is no evidence of preventative maintenance is performed on the appliance.

Cleaning the Cabinet

- Remove the products and transfer to a suitable location prior to cleaning the inside of the cabinet.
- Do not use any aggressive or abrasive cleaning agents.
- Never use a water hose or a high-pressure jet to clean.
- Do not use sharp or pointed objects for cleaning.
- Clean the inside and outside of the appliance with a clean damp cloth or with a neutral cleanser.
- Dry all surfaces with a dry cloth.
- The cabinet must be wiped down regularly.
- Never use polishing powder, soap powder, benzine, oil, or hot water as these will damage the painting and plastic components.
- Preventing the build-up of oil and sediments will increase the longevity of the unit.
- After cleaning, ensure the power plug is firmly inserted into the wall.
- Check the power cord for cracks and damage. If damaged, contact Bromic Service.

Condenser Coil/Filter



IMPORTANT: The filter and the condenser coil must be cleaned once a month. The filter can be removed for cleaning with water, make sure it is dried before reattaching. The condenser coil must be cleaned with vacuum/brush monthly to maintain the performance and minimise power consumption. A poorly maintained condenser coil can lead to failure of the unit and higher cabinet temperatures.

8. TROUBLESHOOTING



IMPORTANT: Repairs on the unit must be carried out by an authorised and licensed person only. Contact the manufacturer or an approved service agent for any repairs needed.

Symptom	Possible Cause(s)	Possible Solution(s)
Fridge does not turn on	A. No power supply	A. i. Check that switch is on ii. Try plugging cabinet into different power sockets O Check power plug and cord for damage
Fridge temperature too high	A. Incorrect controller set point B. Ambient temperature too high C. Inadequate ventilation D. Dirty condenser unit E. Ice build-up on evaporator coil	A. Change controller set point B. Ensure unit is in an air-conditioned environment of 25C C. Keep ventilation slots clear
Fridge temperature too low	A. Incorrect controller set point B. Ambient temperature too low C. Faulty evaporator probe	A. Change controller set point B. Ensure unit is in a temperature-controlled environment of 25C C. Contact Bromic service
Fridge temperature greatly fluctuating	A. Cabinet is in direct sunlight or outdoors	A. Reposition cabinet such that it is not in direct sunlight or outdoors
Fridge leaving water puddles on the ground	A. Cabinet glass is condensing and dripping B. Cabinet drip tray is overflowing	A. Ensure the cabinet is in an air-conditioned environment of 25C and 60% RH B. Contact Bromic service for diagnosis
No display on controller	A. No power supply	A. Check power supply B. Contact Bromic customer service
Odour inside Fridge	A. Rotting odour inside cabinet B. Oil or smokey odour	A. Clean the cabinet B. Turn off the cabinet and contact Bromic service immediately

10. ENVIRONMENTAL AND DISPOSAL NOTES

These refrigerated cabinets are designed to high standards of environmental protection and recycling convenience. Cyclopentane, an environmentally friendly foaming agent, has been used. Cyclopentane is distinguished by zero ozone depletion potential (ODP) and zero global warming potential (GWP). The refrigerant used and contained within a hermetically tight circuit is environmentally friendly and does not contain chlorine and zero ODP.

The device must be disposed of in accordance with applicable regulations. The WEEE regulations must be observed.

In the interest of preventing environmental nuisance and promoting re-use of the high quality materials employed, used commercial refrigeration equipment must be collected for expert disposal and recycling. Therefore, observe the following disposal regulations:

- The cabinet must not be discarded with regular waste.
- The refrigeration circuit must not be damaged.
- Before disposal, make it unserviceable by disconnecting the power plug and cutting off the power cable.
- Consult your local authorities or authorised dealers for details of collection and disposal facilities.
- Children are often unable to recognise the dangers associated with commercial refrigeration equipment. Proper supervision must be maintained and children must be prevented from playing with discarded refrigerated cabinets.
- The refrigerant used in all appliances covered by this manual are flammable. The refrigeration circuit must not be damaged.



11. WARRANTY



All Bromic products are manufactured to the highest quality standard and are supported by our Extra Care Service Warranty, including guarantees against any material or workmanship defects; guarantees that cannot be excluded under Australian Consumer Law.

Warranty Terms vary across the range. Please ensure you are familiar with the Terms and Conditions that apply to the purchase of your Bromic product by referring to the Warranty Policy included with your purchased product.

Alternatively, you can also download the Warranty Policy at <https://bromicrefrigeration.com.au/extra-care-warranty>

HOW TO PLACE A SERVICE REQUEST

- Please call 1300 276 642 to place a warranty service request and let the operator know whether you need Priority A or B service. More information can be found below.
- Ensure you have the serial number of your product ready before contacting us.
- The serial number of your product can be found on a compliance plate located on the inside right and at the rear of your cabinet.

P/N#3735161-NR		  	
Serial number:		Model:	
		UC0650SD-NR	
ST21113A01GH65T004		Digital Thermostat Ventilated	
Description		Power:	
CHILLER UC0650SD-NR		AC220-240V 50Hz 1Ph	
UPRIGHT 1DR 650L S/S		MADE IN CHINA	

BROMIC REFRIGERATION		  	
Serial no.:	ST21113A01GH65T004	Insulation Blowing Gas	
Climatic classification:	4	C5H10	
Bromic Model:	UC0650SD-NR		
Bromic Part no.:	3735161-NR		
Refrigerant type:	R290	g	120
Rated Voltage:	AC220~240V	Hz	50
Rated current:	3.0A		
Net Weight:	135Kg		
Rated Wattage:	305W		
Max Lamp Wattage:	1.5W		
			
		MADE IN CHINA	

Compliance Plate Example 1

SERVICE REQUEST PRIORITY



PRIORITY A SERVICE

When the unit is **NOT** performing its primary function such as cooling or heating, or presents an OH&S or food safety risk



PRIORITY B SERVICE

When the unit is performing its primary function, and presents no OH&S or food safety risk. i.e. lights, gaskets, locks, door adjustment



SERVICE CALL PLACED BEFORE MIDDAY

Priority A - Technician to attend site within 4 hours

Priority B - Technician to attend site within 8 business hours



SERVICE CALL PLACED AFTER MIDDAY

Priority A - Technician attends site before midday on the following business day

Priority B - Technician attends site before 4pm on the following business day

BROMIC REFRIGERATION

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For further product information
bromicrefrigeration.com.au