



PRODUCT DOCUMENT PACK

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PRODUCT

3736262-NR High-Volume 3 Door Display Fridge 1980L – Bromic UC1980GDL-NR

Model / SKU: 3736262-NR

KW COMMERCIAL KITCHEN

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INSTRUCTION MANUAL

VERTICAL DISPLAY FRIDGES AND FREEZERS

3736260-NR, 3736261-NR, 3736262-NR, 3736263-NR, 3736264-NR, 3736265-NR



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Note: Bromic Refrigeration reserves the right to make changes to specifications, parts, components and equipment without prior notification.
This Installation, operation and service manual may not be reproduced in any form with prior written consent from Bromic Refrigeration.

1. PREFIX

This manual contains important information about the installation, operation, and maintenance of Bromic display chillers and freezers. 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 220-240 Volt power supply.
- Installation and maintenance MUST be carried out as per instruction, in accordance with local regulation.
- Bromic will not accept liabilities, should the instructions incorporated in this manual be ignored.

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 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 of 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 of 40kg 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.
- Electrical equipment should not be placed under the unit or where refrigerant could gather in the event of a leak.
- Always use original spare parts supplied by the manufacturer
- When contacting Bromic Customer Service, ensure that you have the Model, Serial Number available. The information can be found from the rating plate which is located on the inner side wall of the cabinet
- Unplug the appliance before cleaning or moving it to avoid electric shock.
- Never use steam cleaner or wet cloths to clean the control panel, lighting and vent grills. This may damage the appliance or cause electric shock.
- The power plug must be accessible at all times while the appliance is running.
- The power supply must be properly earthed, consult a qualified electrician if unsure.
- Do not use extension cord or power adapter with this appliance.
- Do not use this appliance in an area with high humidity or subject to water damage



**Warning: Risk of fire /
Flammable materials**

- **WARNING:** The refrigerant used in this appliance is flammable, use caution during handling, servicing and disposal of the appliance.
- **WARNING:** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- **WARNING:** Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
- **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- **WARNING:** Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation, consult Authorised Personnel is unsure
- **WARNING:** If the refrigeration circuit becomes damaged. Avoid open flames and other source of ignition. Immediately disconnect the appliance from power supply. Ventilate the room and call Service Hotline.
- **WARNING:** Leaking refrigerant may cause eye injuries or could ignite.
- **WARNING:** The room for installing the appliance must be at least 1m³ per 8g of refrigerant. The amount of refrigerant in the appliance can be found on the rating plate attached to the appliance.
- **WARNING:** Do not use electrical appliances inside the food/ice storage compartments unless they are of the type recommended by the manufacturer.
- **WARNING:** In order to reduce flammability hazards, all service work of this appliance must only be carried out by an Authorised Service Person. In Queensland, the Authorised Service Person must hold a Gas Work Authorisation to service appliances containing Hydrocarbon refrigerant including removal of covers.

3. PRODUCT OVERVIEW

		UC0550GDL-NR	UC1250GDL-NR	UC1980GDL-NR
Part Number		3736260-NR	3736261-NR	3736262-NR
External Dimension	Height, mm	2081	2081	2081
	Width, mm	685	1370	2050
	Depth, mm	865	865	865
Capacity	Litres	546	1266	1980
Weight	Kg	136	232	314
Display lightbox	Type	Yes	Yes	Yes
Temp. Range	Degree Celsius	+1 to +10°C	+1 to +10°C	+1 to +10°C
Electrical	Voltage, V	240	240	240
	Frequency, Hz	50	50	50
	Rated Power, W	462	616	990
	Rated Current, A	2.1	2.8	4.5
Power Consumption	kWh/24h	4.34	7.65	10.49
Climate Class*	Class	3M1	3M1	3M1
Max Ambient Temp	Degree Celsius	38°C	38°C	38°C
Internal Light	Type	LED	LED	LED
Door	Shape	Flat	Flat	Flat
	Self-Closing	Yes	Yes	Yes
Shelves	Qty	5 plus base	5 plus base	5 plus base
Castor	Type	Yes	Yes	Yes
Refrigeration	Refrigerant	R290	R290	R290
	Charge, g	80	140	150
Controller	Type	Digital	Digital	Digital
Plug	Rating	10A	10A	10A
Colour	Default	Black	Black	Black
Extra Care Warranty	Years	5	5	5

* Climate Class 3 is defined as the environmental conditions of 25°C dry bulb temperature at 60% relative humidity

3. PRODUCT OVERVIEW

		UF0550GDL-NR	UF1250GDL-NR	UF1980GDL-NR
Part Number		3736263-NR	3736264-NR	3736265-NR
External Dimension	Height, mm	2081	2081	2081
	Width, mm	685	1370	2050
	Depth, mm	865	865	865
Capacity	Litres	546	1266	1980
Weight	Kg	158	256	374
Display lightbox	Type	Yes	Yes	Yes
Temp. Range	Degree Celsius	-18°C to -22°C	-18°C to -22°C	-18°C to -22°C
Electrical	Voltage, V	240	240	240
	Frequency, Hz	50	50	50
	Rated Power, W	816	1232	1909
	Rated Current, A	3.71	5.6	8.68
Power Consumption	kWh/24h	10.46	20.54	30.71
Climate Class*	Class	3L1	3L1	3L1
Max Ambient Temp	Degree Celsius	35°C	35°C	35°C
Internal Light	Type	LED	LED	LED
Door	Shape	Flat	Flat	Flat
	Self-Closing	Yes	Yes	Yes
Shelves	Qty	5 plus base	5 Plus Base	5 Plus Base
Castor	Type	Yes	Yes	Yes
Refrigeration	Refrigerant	R290	R290	R290
	Charge, g	105	150	2 x 85
Controller	Type	Digital	Digital	Digital
Plug	Rating	10A	10A	15A
Colour	Default	Black	Black	Black
Extra Care Warranty	Years	5	5	5

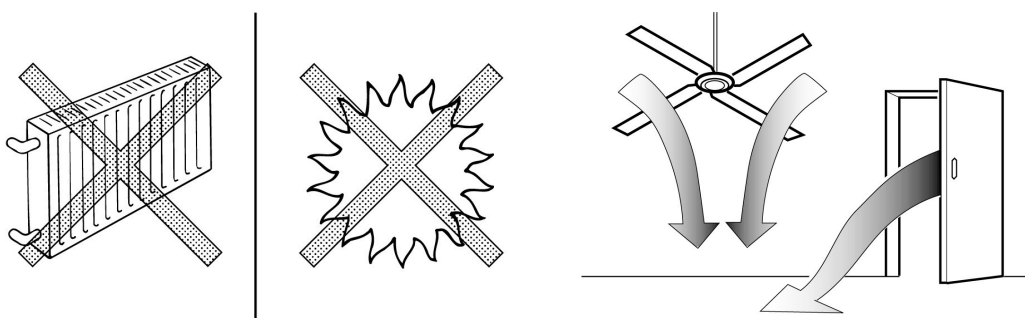
* Climate Class 3 is defined as the environmental conditions of 25°C dry bulb temperature at 60% relative humidity

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 ventilation grill free of obstructions.
- Adequate allowance should be made for door openings.



Ventilation

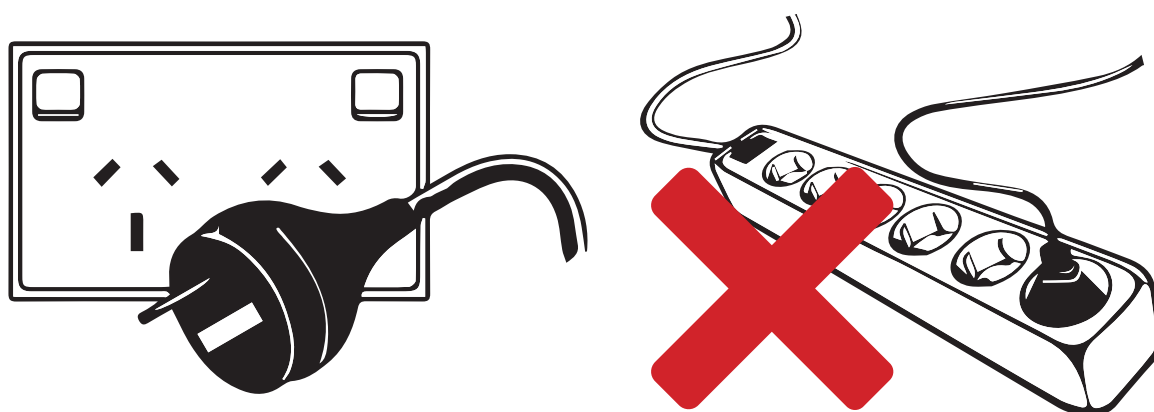
- Allow 250mm clearance between walls, ceiling and the appliance. This is essential for optimal performance and reliability

Environmental Conditions

- This appliance is rated for use in Climate Class 3 environmental conditions (25C Ambient Temperature, 60% Relative Humidity).
- This appliance will continue to meet the M1/L1 food-safe requirements at up to a peak of 38C ambient temperature.
- The operational limitations of this appliance is a maximum ambient temperature of 38C for 4 hours, within any 24 hour period.
- Bromic cannot be responsible if this appliance is used beyond its operational limitations.

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 should not be placed next to heat source such as room heater or other electrical appliance.
- 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

- Avoid tilting or transporting the appliance in a horizontal position. If the appliance were to be tilted, it must be left to stand in an upright position and not plugged in for at least 6 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 on the main power switch by pushing the button.
- The compressor and condenser fan should operate within 3 minutes after the main power 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.
- To turn the LED lights ON/OFF press the light switch button.

Setting the temperature



- Press and hold the **SET** button for more than 3 seconds.
- The value of the set point will be displayed and the '°C' or '°F' LED starts blinking.
- Press ▲ or ▼ arrow key within 10 seconds to adjust the set point.
- Press the **SET** key again or wait 10 seconds to save the set point temperature.

6. PRODUCT LOADING AND STORAGE



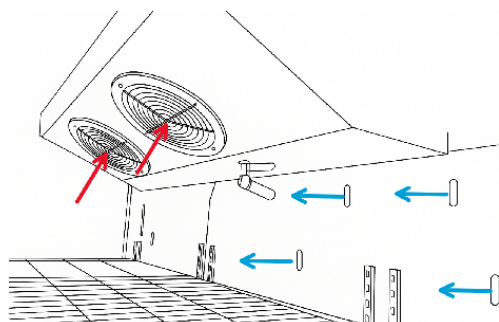
IMPORTANT: Run the refrigerator for at least 24 hours before loading.



WARNING: 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 overstock the appliance.
- Keep refrigerator door openings to a minimum.
- Do not overstock.
- Always leave a 30mm clearance from the air vents on the rear backplate. The cold air circulates through these vents, therefore blocking them will impact your cabinet's cooling ability.



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 that preventative maintenance has been 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.

Defrosting

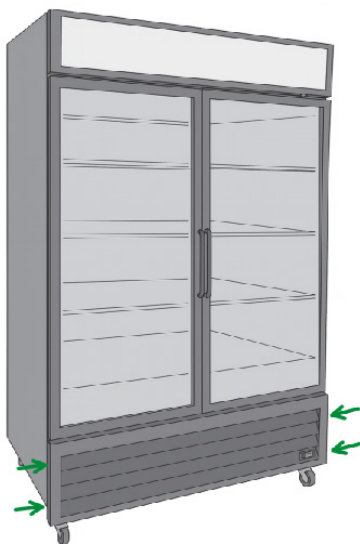
- Defrosting is carried out automatically, there is no need for manual defrost.
- Only run a manual defrost in the uncommon event where there is visible and persistent ice on the evaporator. Run a manual defrost by pressing the ❄️ button on the controller

Condenser Coil/Filter

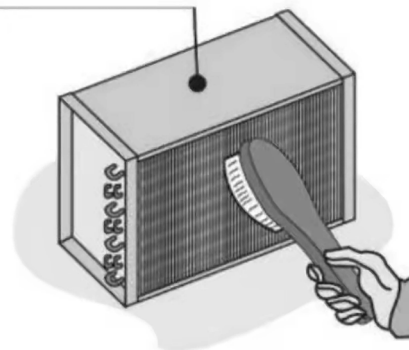


IMPORTANT: The filter and the condenser coil must be cleaned once a month with vacuum/brush to maintain the performance and minimise power consumption. A poorly maintained condenser coil can lead to failure of the unit and higher cabinet temperatures. The condenser can be accessed by removing the bottom front grill.

- **The condenser can be accessed by removing the 4 x screws as indicated, then removing the front grill.**



Condenser



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)	Solution
Unit does not turn on	A. Power supply switched off B. Faulty power socket C. Tripped circuit breaker D. Faulty cabinet	A. Check that wall power socket is switched on. B. Try plugging the cabinet into different power sockets. C. Ensure the power socket's circuit breaker is not tripped. D. Call Bromic Service.
Internal temperature too high (unit is not cooling properly)	A. Ambient temperature too high B. Inadequate ventilation C. Dirty condenser D. Incorrect controller settings E. Evaporator is iced up F. Door does not seal properly G. Door was left open H. Air vents are blocked I. Overstocked cabinet	A. Ensure the cabinet's environment is within allowed boundaries. (See Section 4) B. Ensure there is sufficient ventilation around the cabinet. (See Section 4) C. Ensure the condenser is clean. (See Section 7) D. Ensure the controller's "Set Point" is at your intended temperature. (See Section 5). E. Run a manual defrost (see Section 7). If icing still persists, call Bromic Service F. Inspect door gasket along all edges, to ensure it creates an airtight seal between the cabinet and the door. G. Temperature will temporarily rise if door is left open for prolonged periods (ie when loading the cabinet). This is normal. The temperature will decrease shortly afterwards. H. Ensure there is sufficient clearance around the air vents to allow the cold air to circulate. I. Products in an overstocked cabinet will not cool properly.

Symptom	Possible Cause(s)	Solution
Internal temperature too low	A. Set temperature too low B. Faulty controller / probe	A. Ensure the controller's "Set Point" is at your intended temperature. (See Section 5). B. Call Bromic Service.
Decaying odour inside cabinet	A. Cabinet dirty B. Drain pipe clogged	A. Clean the cabinet. (See Section 7) B. Call Bromic Service.
Burning odour inside cabinet	A. Faulty electrical components	A. Immediately turn cabinet off, and call Bromic Service.
Abnormal noise	A. Unlevel surface B. Faulty components	A. Ensure cabinet is on an even and level surface. B. Call Bromic Service.

9. 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 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 refrigeration equipment. Proper supervision must be maintained and children must be prevented from playing with discarded refrigerated cabinets.
- The refrigerant used in this appliance is flammable. The refrigeration circuit must not be damaged.



Warning: Risk of fire / Flammable materials

10. WARRANTY



All Bromic products are manufactured to the highest quality standard and are supported by our 5 Year 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 www.bromicgroup.com/warranty-information

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.

BROMIC

MODEL: GM0980LS 3735048					
CLASS	4	VOLTAGE(V)	230	FREQ. (Hz)	50
POWER	850	NET VOL. (L)	645	FZ. CAP (Kg/24h)	
kWh/24h	10.7	DEFROST (W)		RESIST. (W)	
CURRENT (A)	5.6	R134a (gr)	460	LAMP (W)	102

Serial no:

1603160001

Contains fluorinated greenhouse gases covered by the Kyoto protocol
Hermetically sealed system

BROMIC
REFRIGERATION

Serial no.:	ST21113A01GH65T004	Insulation Blowing Gas	
Climatic classification:	4		
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		

16 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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