

# INSTRUCTION MANUAL

## FOOD DISPLAY FRIDGE

3736308, 3736309, 3736310, 3736311, 3736313-NR



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# 1. PREFIX

This manual contains important information about the installation, operation, and maintenance of Bromic Food Display units. 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 by a licensed and

## 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 licenced 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 in 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 licenced technician with Gas Work Authorization if the appliance gas system is being opened or charged.
- The refrigerant used in this appliance (model FD4T0660C-NR only) is flammable.



**Caution  
Risk of fire**

### 3. PRODUCT OVERVIEW

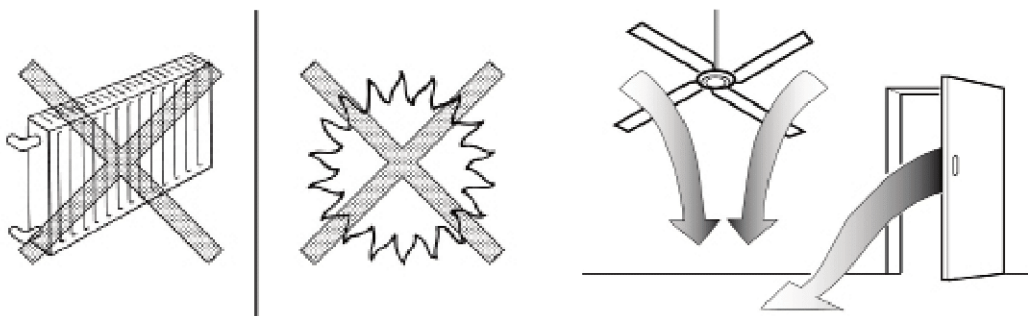
		FD4T0660C -NR	FD4T0900C	FD4T1200C	FD4T1500C	FD4T1800C
<b>Part Number</b>		3736313-NR	3736308	3736309	3736310	3736311
<b>External Dimension</b>	Height, mm	1360	1360	1360	1360	1360
	Width, mm	660	900	1200	1500	1800
	Depth, mm	740	740	740	740	740
<b>Capacity</b>	Litres	300	350	470	580	700
<b>Weight</b>	kg	195	230	282	319	344
<b>Air Circulation</b>	Type	Forced	Forced	Forced	Forced	Forced
<b>Climate Class</b>	4	4	4	4	4	4
<b>Temperature</b>	Range	1°C to 5°C	1°C to 5°C	1°C to 5°C	1°C to 5°C	1°C to 5°C
	Type	Digital	Digital	Digital	Digital	Digital
<b>Exterior</b>	Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
<b>Interior</b>	Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
<b>Electrical</b>	Voltage, V	240	240	240	240	240
	Frequency, Hz	50	50	50	50	50
	Current, A	3.0	4.4	4.5	5.4	6.5
	Power, W	540	700	1000	1220	1360
<b>Door</b>	Solid/Glass	Glass	Glass	Glass	Glass	Glass
	Type	Hinged	Sliding	Sliding	Sliding	Sliding
	Self-Closing	No	No	No	No	No
	Door Lock	No	No	No	No	No
<b>Shelves</b>	Qty	3+base	3+base	3+base	3+base	3+base
	Weight Limit, kg	20	20	21	23	28
	Adjustable	Height&angle	Height&angle	Height&angle	Height&angle	Height&angle
<b>Refrigeration</b>	Refrigerant	R290	R404A	R404A	R404A	R404A
	Charge, g	120	450	650	700	950g
<b>Plug</b>	Rating	10A	10A	10A	10A	10A
<b>Wheels</b>	Type	Castors	Castors	Castors	Castors	Castors
	Quantity	4	4	4	4	4

## 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.

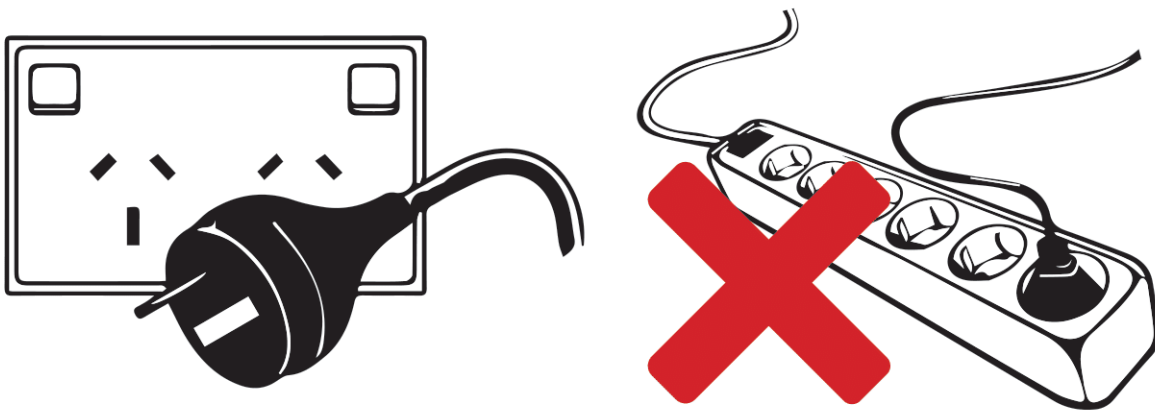


### Ventilation

- 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

## 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 on the main switch (blue) by flipping it upward.
- Switch on the Refrigeration, Antifog and Lighting switches, and check that the compressor, electronic controller, lighting and all fans are functioning correctly.
- The compressor and condenser fan should operate 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

### Setting the temperature



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



## 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.
- Maximum recommended shelf load (for each shelf) is specified in section 3 (page 5) of this manual. Do not overstock.

**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.

### 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 licenced person only. Contact the manufacturer or an approved service agent for any repairs needed.

Symptom	Possible Cause(s)	
Unit does not work	A. No power supply	A. Check power supply
Cabinet Temperature Too High	A. Ambient temperature too high B. Inadequate ventilation C. Wall clearances below minimum distance D. Dirty condenser coil and filter E. Ice build-up on evaporator coil	A. Relocate unit B. Keep ventilation slots free C. Adjust to minimum clearance D. Clean E. Check gaskets and set temperature
Cabinet Temperature Too Low	A. Set temperature too low	A. Adjust set temperature
Drip tray overflowing	A. Extreme operating condition	A. Relocate unit
Odour inside cabinet	A. Cabinet dirty	A. Clean

## 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 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 this appliance (model FD4T0660C-NR only) is flammable.



## 10. WARRANTY

Please visit our webpage for warranty details -  
(<http://www.bromic.com/warranty-information/>)

Read all relevant documentations before operating the refrigerator and storage of any stock. Failure to follow instructions may result in loss of or damage to stock.

**BROMIC CANNOT BE RESPONSIBLE FOR THE LOSS OF OR DAMAGE TO STOCK**