



REFRIGERATED COUNTER TOP DISPLAY

MANUAL OF INSTRUCTIONS FOR USE AND INSTALLATION





COUNTER TOP REFRIGERATED DISPLAY

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GENERAL INFO

A quality fully enclosed compressor is used on the counter top refrigerator. The refrigerants used R600a or R134a are environmentally friendly. The unit is cooled by forced air, ensuring an even temperature throughout the display.

Double glazing is used on the door and body, and the styling lends itself to an excellent viewing perspective and easy access. It can be used in a range of environments from bars and hotels to meeting rooms and cafes.

STRUCTURE AND PARTS

AIR INTAKE: Never block the air intake as air is sucked in and circulated around the interior of the display



RACK: The height of the rack is adjustable. To adjust, take out the rack, move the rack to a suitable height and put the rack on the support

AIR OUTLET: Never block the air outlet which allows the cold air to circulate

HANDLING AND INSTALLATION

Location

- Never tilt over 45° during handling
- Always locate the unit in a clean dry place
- Ensure there is sufficient space (at least 100mm) between both sides of the unit and any obstructions. The refrigeration capability may be compromised if enough air is unable to be taken into the unit for cooling
- Always locate the unit in a well ventilated area. Before the first use, leave the cabinet in position for at least 2 hours before connecting to the power and switching on.
- Keep the unit away from any direct heat sources such as direct sunlight, heaters or cookers, to do so may reduce the refrigeration capability
- Never put any heavy load on top of the unit
- Never intentionally pierce or drill the unit in any way
- Ensure the unit is located on an even and stable surface

Preparation and Power Supply

- The unit should be connected directly to the mains with a 220-240v power supply
- Always use a standard British 3 pin plug or suitably approved adaptor.
- The mains supply should be correctly earthed.
- Do not connect to a shared power socket or extension, this may cause the cable to become hot and presents a fire risk
- Do not connect the unit if any of the cables are worn or damaged, seek immediate assistance from your supplier or a suitably qualified electrician
- Do not immerse in or introduce water or any other liquids into the cabinet, this may cause the unit to leak and present an electrical hazard

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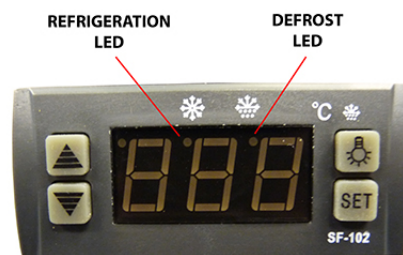
- Never use the cabinet to store or display flammable liquids such as gasoline, alcohol adhesive or explosives. Please keep such items a safe distance away from the cabinet to ensure safety
- Do not spray any flammable liquids on or near the cabinet to prevent risk of fire
- After unplugging the cabinet, please wait at least 5 minutes before reconnecting to the mains supply
- These cabinets are NOT suitable for the storage or display of medicines or vaccines

PUTTING INTO OPERATION

BEFORE USE: Connect the unit to a suitable and exclusive mains supply (220-240v)

Once the refrigeration unit has been running for a while, test the temperature of the cabinet by placing your hand over the air intake, if the air is suitably cold, you may then begin to load the cabinet.

DIGITAL TEMPERATURE CONTROLLER



The controller is an integrated intelligent control applicable to a compressor size of 1Hp.

SETTING THE TEMPERATURE

- Press the SET button until the temperature is displayed
- Use the Up and Down keys to adjust the temperature to the required setting
- Press the SET button again to exit the adjustment menu
- If no buttons are pressed within 10 seconds, the current temperature of the cabinet will be displayed
- Illumination: Press the LIGHT BULB button and the cabinet should light, press it again to turn off illumination
- Manual Defrost: To begin the manual defrost, hold down the LIGHT BULB button for 6 seconds, to stop the defrost, hold the LIGHT BULB button down for 6 seconds again
- Refrigeration LED: This light will illuminate as the cabinet is refrigerating to the desired temperature range, once it has achieved this, the LED will go off
- Defrost LED: During defrosting, this light will illuminate until the defrosting cycle is ended. The LED will flash prior to the defrosting process

CORRECT USAGE

- Minimise the number of door openings and frequency to maintain a consistent temperature inside the cabinet
- Never block the air intake and outlet, this will affect air circulation and reduce the refrigeration capability
- Do not overload the cabinet with goods as this will restrict the airflow and reduce the refrigeration capability
- Correctly adjust the display racks to ensure products can be sufficiently and evenly refrigerated
- Try to minimise the time the cabinet is open to maintain the temperature in the event of a power shortage
- Only approved and suitably qualified engineers should perform any repairs to the cables or the cabinet
- Never touch the compressor as this will be hot and cause burns
- This appliance is not intended for use by children, or anyone without the correct training on its usage
- Keep the ventilation paths open at all times
- Do not use any other means than the defrosting cycle to defrost the cabinet, including mechanical devices
- Do not damage the refrigerant circuit
- Do not use any electrical appliances inside the food storage compartment other than those approved by the manufacturer

MAINTENANCE

To keep the refrigerator clean, periodical maintenance is necessary. Always disconnect the unit from the mains before carrying out any maintenance. Never use a damaged plug or electrical socket to prevent electrocution, fire or short circuit.

- Use a soft cloth and a neutral detergent solution to clean the outside of the cabinet, do not use hoses or immerse in water. Wipe down excessive moisture using a soft dry cloth
- To clean inside, remove the racks and clean them separately using warm water and a neutral detergent solution. Use a soft cloth to wipe down the interior of the cabinet
- To take the unit out of service for an extended period of time, disconnect from the mains power supply and clean as above, leaving open the door to dry any moisture residue
- If the LED lamp is damaged, please contact your supplier for a suitable replacement

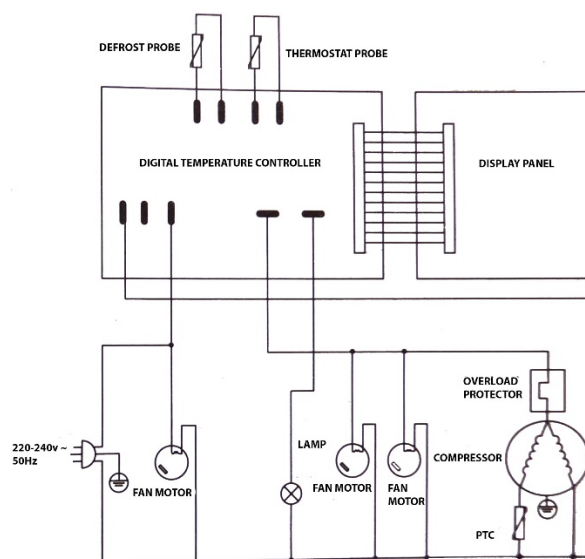
TROUBLESHOOTING

PROBLEM	SUGGESTION
The cabinet doesn't appear to be working	<ul style="list-style-type: none"> Check power supply Check the fuse isn't broken Check the unit is correctly connected to the mains
The unit isn't cooling as quickly as it should be	<ul style="list-style-type: none"> Check for external heat sources such as direct sunlight or radiators Check the ventilation paths are clear of obstruction Check the door is properly closed or hasn't been open for a long time Check the door seal isn't deformed or damaged Check the cabinet is not overloaded Check the air intake or outlet aren't blocked Check the temperature settings on the controller
The cabinet is noisy	<ul style="list-style-type: none"> Check the unit is level Check the unit is not in contact with a wall or nearby object Check there are no loose parts in the cabinet

NOTES

The sound of running water is heard when the refrigerator is in use, this is simply the coolant circulating in the system. In areas of high humidity, there may appear moisture on the outside of the cabinet, this is simply condensation and can be wiped off with a soft dry cloth, this will not affect the function of the refrigerator.

ELECTRICAL CIRCUIT DIAGRAM



TECHNICAL INFORMATION

MODEL	COLDTOP1	COLDTOP2
Power Load (w)	180	180
Temperature Range	+2 to +12°C	+2 to +12°C
Rated Frequency (Hz)	50	50
Rated Current (A)	1.2	1.2
Refrigeration & Injection (g)	R600a (125)	R600a (125)
Climate Type	N	N
Protected Mode	I	I
Lamp Power (w)	2 (LED)	2 (LED)
Rated Voltage (V)	220-240~	220-240~
Foaming Agent	EPS	EPS
Storage Volume (l)	130	160
Net Weight (Kg)	63	67
Gross Weight (Kg)	65	69
Unit Dimensions (mm)	680 x 702 x 578	680 x 880 x 578
Packed Dimensions (mm)	735 x 773 x 627	735 x 951 x 627