

Quatrone XL-1200 Cake Display Fridge

User Manual

1. Product Introduction

Thank you for purchasing the Quatrone XL-1200 Cake Display Fridge. This commercial display refrigerator is designed for bakeries, cafés, restaurants and food retail environments to display and preserve cakes, desserts and pastries. The unit features LED lighting, a premium compressor and a high quality digital thermostat to maintain stable storage temperatures.

2. Technical Specifications

Specification	Details
Brand	Quatrone
Model	XL-1200
Dimensions	1200(W) x 680(D) x 1200(H) mm
Capacity	430 L (3 shelves)
Weight	140 kg
Temperature Range	4°C – 10°C
Voltage	230V / 1 Phase
Power	850 W
Refrigerant	R290
Lighting	LED
Thermostat	HE-521 Digital Thermostat
Compressor	Premium Brand Compressor
Mobility	Castors fitted
Plug	Standard UK Plug
Certification	CE

3. Safety Instructions

Ensure the power supply matches the rated voltage before connecting the appliance. Always use a grounded electrical outlet. Do not block ventilation openings and keep the appliance away from heat sources or direct sunlight. Disconnect the appliance before cleaning or maintenance. Repairs must only be carried out by qualified technicians.

4. Installation

Place the appliance on a flat and stable surface. Maintain at least 10–15 cm of space around the unit for ventilation. If transported, allow the refrigerator to stand for 2–4 hours before switching on. Lock the castors after positioning. Plug the appliance into a standard UK electrical socket.

5. Operation

Connect the power plug and switch on the appliance. The digital thermostat will display the internal cabinet temperature. Allow the refrigerator to reach the desired temperature before loading products. Recommended storage temperature for cakes and desserts is between 4°C and 10°C.

6. Thermostat Control (HE■521)

The refrigerator uses an HE■521 digital thermostat controller to regulate cabinet temperature. The controller measures temperature through an internal sensor and automatically turns the compressor on or off to maintain the set temperature. Setting Temperature: 1. Press SET once. 2. Adjust temperature using ▲ or ▼ buttons. 3. Press SET again to confirm. Advanced Settings: Hold SET for approximately 3 seconds to access parameter settings. Use ▲/▼ to scroll through parameters and SET to edit values.

Parameter	Function	Typical Setting
E1	Minimum temperature limit	0°C
E2	Maximum temperature limit	15°C
E3	Temperature difference (hysteresis)	2°C
E4	Compressor delay start	2–3 minutes
E6	Temperature calibration	0
F1	Frost protection time	12 minutes

7. Refrigeration System – R290

This appliance uses R290 (propane) refrigerant. R290 is a natural hydrocarbon refrigerant with excellent energy efficiency and very low environmental impact. Because R290 is flammable, the following precautions must be observed:

- Do not damage the refrigerant circuit.
- Do not use mechanical devices to accelerate defrosting.
- Keep ventilation openings clear at all times.
- Do not store flammable materials near the appliance.
- Servicing must only be carried out by qualified refrigeration technicians.

In the event of a refrigerant leak:

1. Disconnect the appliance from the power supply.
2. Ventilate the room immediately.
3. Avoid open flames or sparks.
4. Contact a qualified technician.

R290 refrigerant has very low Global Warming Potential (GWP ≈ 3) and zero ozone depletion potential.

8. Cleaning and Maintenance

Switch off and unplug the appliance before cleaning. Remove shelves and wash with warm water and mild detergent. Clean glass panels using a non-abrasive cleaner. Regularly clean the condenser area to ensure efficient cooling performance.

9. Troubleshooting

Problem	Possible Cause	Solution
No power	Plug disconnected	Check power outlet
Poor cooling	Ventilation blocked	Ensure airflow
High temperature	Frequent door opening	Reduce door opening
Noise	Unit not level	Adjust unit position

10. Warranty

The Quatrone XL■1200 is covered by a limited warranty against manufacturing defects. The warranty does not cover damage caused by misuse, improper installation or unauthorized repairs. Keep proof of purchase for warranty claims.

11. Customer Support

For technical support, spare parts or service assistance, please contact your supplier or authorized distributor.