



EUROCHILL BENCHTOP 4 BAY SCOOP ICE CREAM FREEZER



USER MANUAL

EUROCHILL ICE CREAM FREEZER

MODEL: ERE72

V2 07/24

DISTRIBUTED BY:



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Thank you for purchasing a Eurochill Ice Cream Freezer.
Please read the operation instructions before use for correct application.

This appliance complies with the requirement of 2006/42/EC.

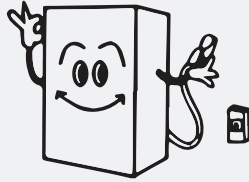
GENERAL

1. This unit has a fully enclosed compressor and the refrigerant R290 used is environmentally friendly. The unit runs at a constant temperature.
2. The unit features an artistic and elegant appearance with a double hollow transparent glass door giving the operator easy access.
3. The unit can be used in a variety of applications.

STRUCTURE AND PARTS



HANDLING AND CARE



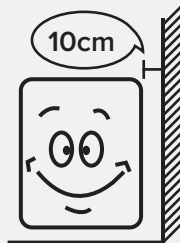
Handling

Unplug the unit from the wall socket first.
Never tilt the unit over 45 degrees during handling.



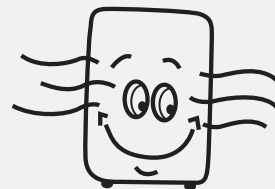
Dry Place

Always locate the unit in a dry place.



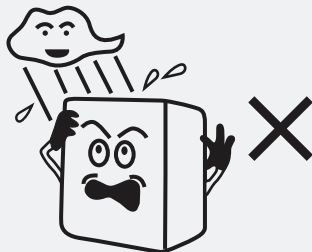
Sufficient Space

The distance from both sides and back of the unit to the wall or other things must not be less than 10cm. The refrigeration capability may be decreased if the surrounding space is too small to circulate air.



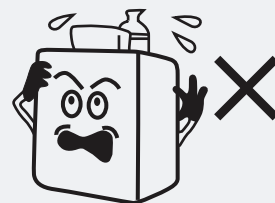
Ventilation

Always locate the unit in a place with good ventilation. Before using for the first time, wait for 2 hours after handling and then plug the unit into the wall socket to start it.



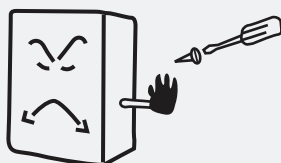
Heat Source

Never place the unit in direct sunlight.
Never locate the unit by any heat source so as to prevent the unit's refrigeration capability.



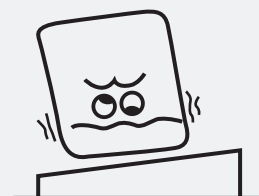
Heavy Load

Heavy loads should not be placed on the top of the unit.



Damage

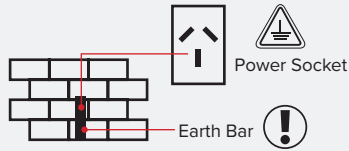
Never make a hole in the unit.
Never install other things on the unit.



Stability

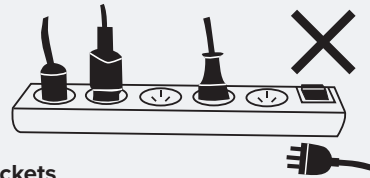
To avoid unexpected noise and vibration, unpack and locate the unit on a flat and solid surface.

POWER SUPPLY AND SAFETY



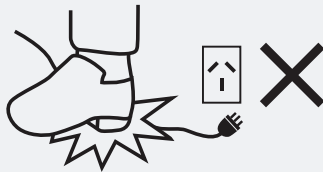
Power Outlet

The power supply is 220–240V single phase AC with exclusive single phase, three pin plug (250V, 10A) and fuse (6A). The power outlet must have a reliable earth connection.



Sockets

Plug power cord into a dedicated single socket outlet. Do not use a multi-plug.



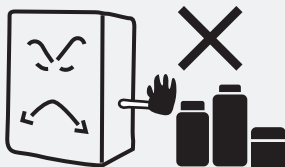
Power Cord

Do not stand or pull the power cord as this may cause internal damage to the cord and create an earth leak.



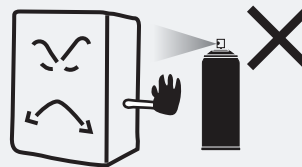
Do not flush with water

This would cause an earth leak.



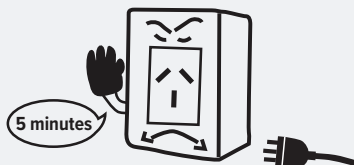
Flammable & Explosive Substances

Do not place flammable or explosive substances such as ether, naphtha, alcohol, gasoline, and adhesive inside the unit or beside the unit.



Spray

Don't use flammable spray such as paint and other coatings on or near the unit otherwise fire may result.



Power Outage

After a power outage or unplugging the unit, always wait at least 5 minutes before plugging the unit in again.



Medicines

Don't place medicines inside the unit.

OPERATION

1. Before use

Plug the unit into a 220–240V~ single socket.

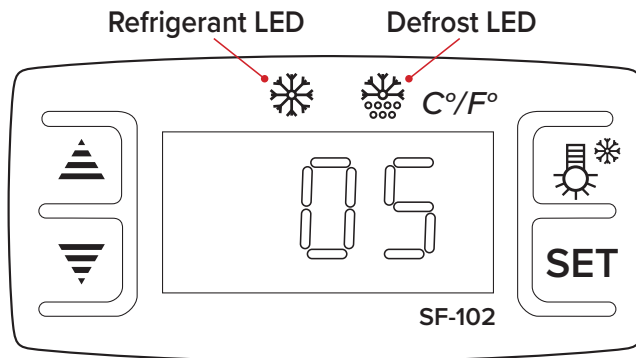
After the unit is running, place hand on the air suction to confirm it is sufficiently cold.

Then place icecream in the unit.

2. Digital temperature controller

The controller is a mini-sized, integrated intelligent controller which controls the 1 HP compressor.

The main functions are: Temperature Display/Temperature Control/Manual automatic defrost by turning off/Illumination Control / Value Storing / Self Testing / Parameter Locking.



Front Panel Operation

1. Set temperature

Press **SET** button, the set temperature is displayed.

Press  or  button to modify and store the displayed value.

Press **SET** button to exit the adjustment and display the unit's temperature.

2. If no others buttons are pressed within 10 seconds, the unit's temperature will be displayed.

3. Manual start/stop defrost: Press  button and hold for 6 seconds to defrost or stop defrost.

4. Refrigerant LED: During refrigeration, the LED is on. When the unit's temperature is constant, the LED is off. During the delay start the LED flashes.

5. Defrost LED: during defrosting, the LED is on. When is stops defrosting the LED is off. During the delay display of defrost the LED flashes.

6. Digital controller reset

When display shows "Disorder", press  button for 2 seconds until buzzer sounds, quickly press  button for 6 seconds until buzzer sounds again, the display will flash for 3 seconds which restores the unit to the factory setting.

USER WARNINGS & CAUTIONS

- Open the door for a short time and reduce open frequency to keep a cold temperature inside the refrigerator.
- Never block the air suction and outlet. Keep air circulation and refrigeration capability.
- Do not overfill the unit as it will influence the cooling effect.
- Adjust the rack height for proper food storage.
- Cool hot food down to room temperature before you put it into the refrigerator.
- Try to reduce the amount of time the unit is open to keep refrigerator inside cold in case the power is cut off.
- Only use qualified service agents to repair the damaged power cable with special tools.
- Never touch the compressor to avoid burns.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction on how to use the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The operation manual is not suitable for the persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- During normal operation, the emission noise level does not exceed 70dB(A).
- The maximum loading of the shelf should not exceed 18kg.
- The climatic class of the appliance is 4, the units are suggested to be used at 16–32°C ambient temperature.
- To avoid damages or other problems, this product can not be put or stored with any corrosive food.
- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices of other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit.
- WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

ADDITIONAL WARNING

- Caution: risk of fire.





MAINTENANCE

1. Note

- Keep the unit clean.
- Periodical maintenance is necessary.
- Always unplug the unit before maintenance.
- To prevent an electric shock or a short circuit, never use a damaged plug or wall socket.
- Never flush the unit.
- Never use alkali detergent, soap, gasoline, acetone or a brush.

2. Clean outside

Dip a soft cloth in neutral detergent (tableware detergent) to clean the outside of the unit and then dry with a soft cloth.

3. Clean inside

Use soft cloth to wipe down the unit.

4. Shutting down the unit for a long period of time

- Take all perishables out and unplug the unit from the wall socket.
- Clean both inside and outside of the unit thoroughly and open the door to allow the unit to dry.
- Beware the glass breaks easily and can become a hazard.

5. Defrosting

In order to ensure sufficient refrigeration performance of the unit, manual defrosting is required once a day.

TROUBLE SHOOTING

Trouble	Cause and Remedy
No refrigeration	Is the unit plugged in? Has the fuse blown? Is there power to the unit?
Poor refrigeration	Is the unit in direct sunlight? Is there any external heat source nearby? Does the unit have good ventilation? Does the door close properly? Has the door been left open for a long period of time? Is the door seal deformed or damaged? Is the unit overcrowded with food? Is food blocking the air suction or outlet? Adjust the temperature controller.
Noisy Operation	The unit is not level. The unit is in contact with a wall or other items. Broken part(s) within the unit.
Contact your local service agent for help if simple trouble shooting does not solve the problem.	

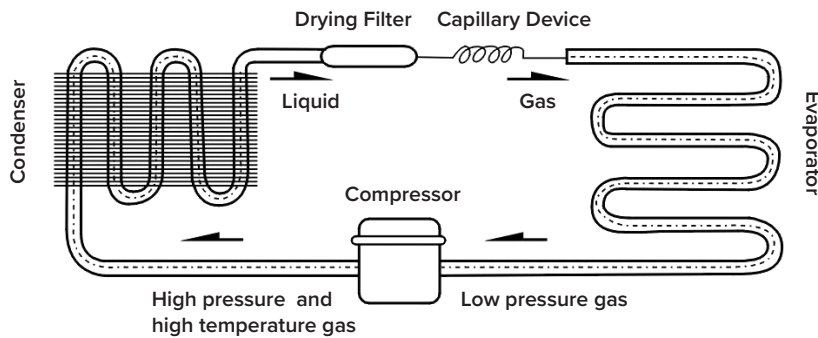
NOTE

Water noise may be heard when the unit is working. This is normal as the coolant is circulating through the system.

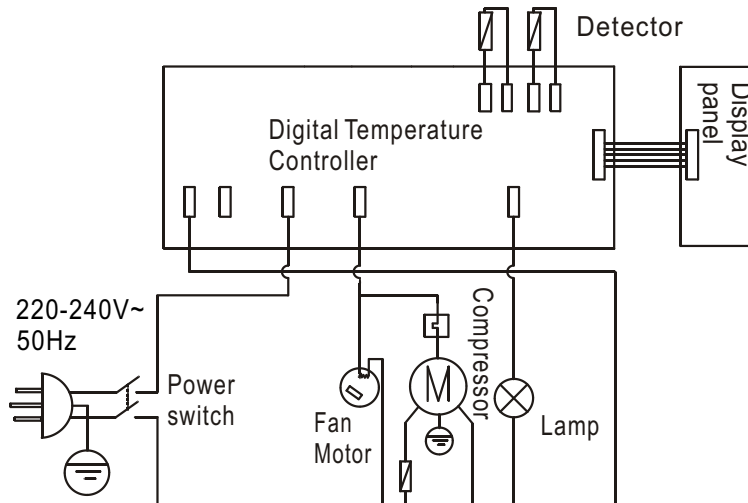
Condensation may form on the outside of the unit. This is caused by high humidity and can be simply wiped off with a cloth.

REFRIGERATION SYSTEM

Refrigerant flows through the compressor, which raises the pressure of the refrigerant. Next the refrigerant flows through the condenser, where it condenses from vapour form to liquid form, giving off heat in the process. After the condenser, the refrigerant goes through the expansion valve, where it experiences a pressure drop. Finally, the refrigerant goes to the evaporator. The refrigerant draws heat from the evaporator which causes the refrigerant to vaporize. The evaporator draws heat from the region that is to be cooled. The vaporized refrigerant goes back to the compressor to restart the cycle.



ELECTRICAL CIRCUIT DIAGRAM

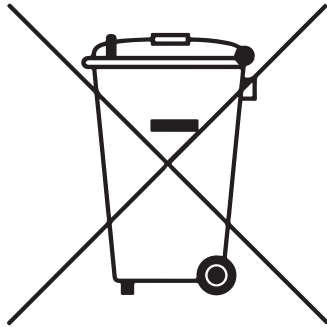


MODEL SPECIFICATIONS

Model	RTD-87C-2	Refrigerant & Qty(g)	R290a (50g)
External Dimensions	867mmW x 735mmD x 446mmH	Power Supply	220–240V, 50Hz
Net Weight	45kg	Operating Temperature	-18°C to -25°C
Capacity	4 x 5L icecream pans		

NOTES

1. The electrical circuit diagram and parameters on the product nameplate are final ones if they have been changed.
2. The specifications of the unit may change without notice.



Disposal

Disposal of the unit must take place in an environmentally correct way. Please note existing regulations on disposal. There may be special requirements and conditions which must be observed.