



MICF-1F
9 cu. ft.

MICF-2F
11 cu. ft.

MICF-3F
14 cu. ft.

Ice Cream Display Freezer Instruction Manual

This manual contains important information regarding your unit. Please read this manual thoroughly prior to equipment set-up, operation, and maintenance. Failure to comply with regular maintenance guidelines outlined in this manual may void the warranty.

MOTAK

IMPORTANT SAFEGUARDS

Please pay close attention to the safety notices in this section. Disregarding these notices may lead to serious injury and/or damage to the unit.



WARNING

DANGER:

- Risk of fire or explosion.
- Flammable refrigerant R290 used.
- To be repaired only by trained service personnel.
- **DO NOT** use mechanical devices to defrost refrigerator.
- **DO NOT** puncture refrigerant tubing.
- **DO NOT** pierce or burn.
- **DO NOT** store in a room with continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

ATTENTION

- 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 concerning use of the appliance by a person responsible for their safety.
- **DO NOT** allow children to play with unit.
- **DO NOT** leave children unattended with unit, adult supervision required.
- **DO NOT** use this unit for anything other than intended use
- **DO NOT** overload outlet, to minimize shock and fire hazards
- **DO NOT** spray the unit with water
- **DO NOT** attempt to remove or repair any component.
- **DO NOT** attempt to alter or tamper with the electrical cord.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- **DO NOT** rest unit on or against the electrical cord or plug.
- **DO NOT** damage the refrigerant circuit.
- **DO NOT** store any flammable and explosive gas or liquids inside the unit.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- The appliance shall be stored so as to prevent mechanical damage from occurring.

TRANSPORTATION AND PLACEMENT

- **DO NOT** incline unit more than 45 degrees, to prevent compressor and system damage.
- Before use, remove all the packing material.
- The back side of the cabinet should be more than 8" (20 cm) away from the wall, both flank sides more than 8" (20 cm) .
- The freezer should be put in well-ventilated, dry place.
- Don't use it under direct sunshine.
- The freezer should be kept away from water sink, heat source and any volatile, corrosive material.

POWER SOURCE AND TEST-RUNNING

- **DO NOT** plug or unplug the cord with wet hands, to minimize shock and fire hazards
- **UNPLUG UNIT BEFORE** maintenance and cleaning.
- When the unit will not be in use for a long period of time, disconnect the power first, then clean it.
- Avoid turning on and off the power too frequently.
- After unplugging the unit, wait at least 5 minutes before re-plugging it. Failure to do so could cause damage to the compressor.



PROPER GROUNDING REQUIRED

- To minimize shock and fire hazards, make sure that the unit is properly grounded.

DISPOSAL

- Dispose of properly in accordance with Federal or local regulations.
- Refer to local regulations regarding disposal of the appliance for its flammable gas.
- Before you scrap the appliance, please take off the doors to prevent children from being trapped.
- Before carrying out decommissioning procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of recovered refrigerant. It is essential that electrical power is available before the task is commenced.
- When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of all appropriate refrigerants including, when applicable, FLAMMABLE REFRIGERANTS. The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant waste transfer note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

INSTALLATION WARNINGS:

- The appliance shall be installed in accordance with national wiring regulations
- The appliance is to be installed in accordance with the Safety Standard for Refrigeration Systems, ANSI/ASHRAE 15.

Notice:

- * Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- * Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- * Component parts shall be replaced with like components so as to minimize the risk of possible ignition due to incorrect parts.

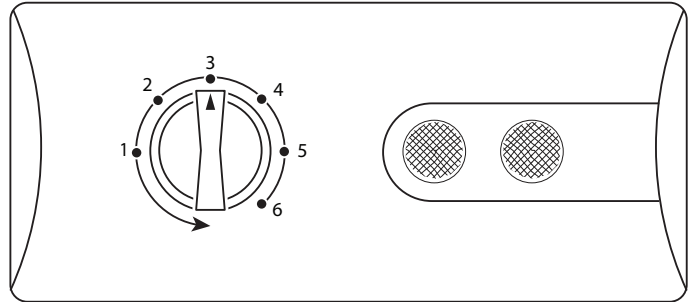
INSTALLATION:

1. Unpack and remove all packaging before using the freezer.
2. Don't tip over the freezer more than 45° while moving it.
3. Install in a cool, dry environment with good ventilation, and without corrosive gas.
4. Do not install unit close to heat sources or directly under the sunlight.
5. Allow 8" (20 cm) of space between the wall and the front and the back of the unit.
6. Place on a clean, level surface.
7. Allow freezer to come to temperature before storing food inside.

MOTAK

TEMPERATURE CONTROL

- The temperature in the cabinet can be controlled with the temperature control knob.
- The knob should be kept upright normally to adjust the temperature.
- FREEZING MAX is the strongest cooling position and is suitable for fast freezing.
- * NOTE: **DO NOT** keep the knob at this point for long.



FOOD STORAGE

- **DO NOT** fill the freezer full of products. You should leave space between items and the inner surface of the cabinet, so as to keep good ventilation of cold air and freeze evenly.
- **DO NOT** put in any bottled or canned beverage with a freezing point above the temperature in the cabinet when it is below zero.
- For foods that should be moisture-free or lose water easily, seal them in hermetical food bags before putting in the cabinet to avoid food odors and reduce frost.
- **DO NOT** store volatile and combustible gases, liquids such as strong alkaline, strong acids, petrol, etc.
- **NEVER** put hot food directly in the freezer. Food should be cold or frozen before placing it inside.
- The cabinet is intended exclusively for the storage and/or display of packaged foods only.
- This appliance is intended solely for the storage and/or display of packaged beverage products that are not potentially hazardous foods, such as soda (pop), beer, and wine.

CLEANING

- The freezer should be cleaned regularly.
- **WARNING:** Disconnect power cord before cleaning any parts of the unit.
- Keep the power supply and lower part of connect wires away from water to avoid electricity leakage.
- **DO NOT** use boiling water, acid, chemicals, petrol and oil, or dirt-removing powder.
- **DO NOT** use steel wool, caustic soap, abrasive cleaners, or bleach.

Cleaning the Interior of the Unit:

- Take out the foods from inside the cabinet.
- Use a soft cloth and solvent of warm water and mild soap.
- Periodically remove the baskets and clean them with mild soap and warm water.
- Use light soap water when cleaning the door seal, apply a little of talcum powder on it after natural drying to extend its service life.

Cleaning the Exterior of the Unit:

- Use soft cloth with water or a little detergent to clean the out surface.
- Dry inside and outside after cleaning.

MAINTENANCE

- Except common breakdowns, those who are not service technician should not take apart and repair the freezer on their own so as to avoid worsening the trouble.
- Unauthorized repair of electrical part such as compressor, temperature controller is forbidden.
- All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out.
- Avoid working in confined spaces.
- If any hot work is to be conducted on the refrigerating equipment or any associated parts, appropriate fire extinguishing equipment shall be available on hand. A dry chemical or CO2 fire extinguisher should be adjacent to the charging area.

MOTAK

- * **Notice:** Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- * **Notice:** Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- No person carrying out work in relation to a REFRIGERATING SYSTEM which involves exposing any pipe work shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion.
- All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which refrigerant can possibly be released to the surrounding space.
- Prior to work taking place, the area around the equipment shall be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

Checking for presence of refrigerant:

- The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e., non-sparking, adequately sealed, or intrinsically safe.
- Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.
- Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times, the manufacturer's maintenance and service guidelines shall be followed. If in doubt, consult the manufacturer's technical department for assistance.

Detection of flammable refrigerants:

- Under **NO** circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks.
- **DO NOT** use a halide torch (or anything using a flame).

DEFROSTING

- **WARNING: DO NOT** use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Defrost for better freezing efficiency when the frost film in the cabinet is 4-5mm thick.
- When defrosting, turn off the power, take out the frozen foods, open the door for warming and melting. Use soft cloth to absorb water and clean it up.
- **DO NOT** use sharp metal tools such as steel brush to clean the frost film when defrosting so as to avoid evaporator damage.



TROUBLE SHOOTING

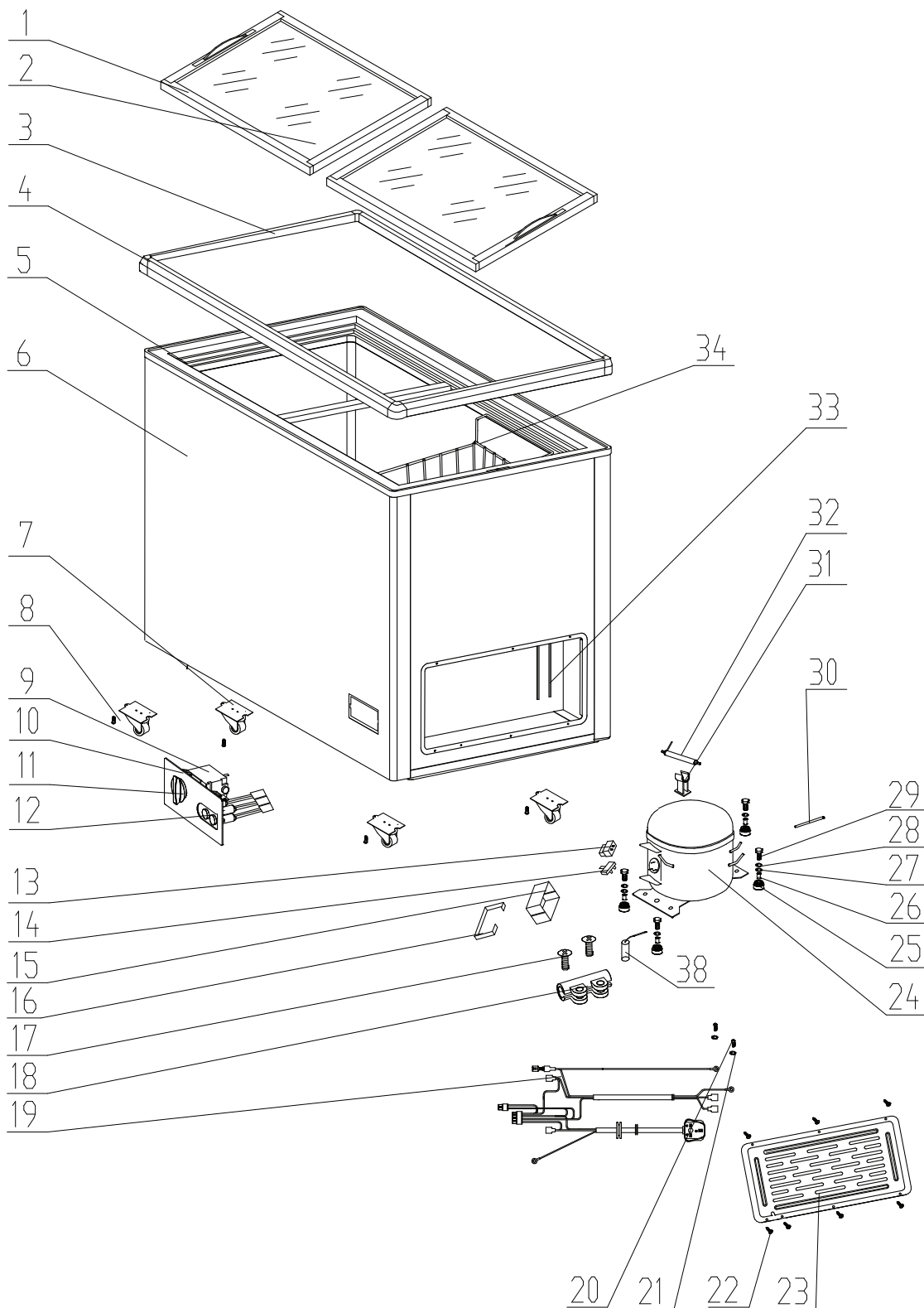
- Before requesting any service on your unit, please check the following points. Please note that this guide serves only as a reference for solutions to common problems.

ISSUE	POSSIBLE CAUSE	SOLUTION
The indicator is not on but the compressor does not start.	The plug isn't connected to the socket well.	Replug it.
	No power.	Connect the unit to the power outlet.
The indicator is on, but the compressor doesn't work and only buzzes .	The power voltage is <98V.	Put a power-regulator more than 1000W power together.
The compressor stops a minute after start, and restart after a few minutes, and so repeatedly.	The power voltage is >132V.	
The compressor works normally, but the temperature in the cabinet lowers too slowly.	The door is opened too frequently.	Reduce opening the unit.
	There is too much food in the cabinet, and placed improperly.	Reorganize foods to keep space between them for ventilation of cold air.
	The frost film is too thick.	Take out foods, unplug unit and clean the condenser.
	The surface of the condenser is too dirty.	
	The door isn't fully closing.	Adjust the door seal.
Unit makes too much noise.	The freezer is not level.	Level the feet.
	There's contact between baskets.	Separate them.

The following are not faults:

- When the compressor is working or after stopping for a while, the refrigerant in the pipes will cycle and make "running water" sounds.
- The surface temperature of the compressor may reach 158°F (70°C) ~ 176°F (80°C) when it is working.
- The back side the freezer gives out heat.
- In rainy season, the outer surface of the cabinet may develop dew or condensation, this has no affect on performance or use. Just dry it with a cloth.
- The protective film on the inner tank is to avoid damage during production purpose, it can be removed.

MOTAK



NO.	PART
1	Glass Door Frame
2	Glass Door
3	Aluminum alloy frame
4	Corner
5	Cabinet Plastic Frame
6	Cabinet
7	Castor
8	Screw
9	Thermostat
10	Thermostat Control Panel
11	Thermostat Knob
12	Indicator Lamp
13	PTC Starter
14	Protector
15	Cover
16	Clamp
17	Screw
18	Double-Hollow Wire Clamp
19	Power Plug
20	Copper Screw
21	Washer
22	Tapping screw
23	Shutter
24	Compressor
25	Rubber Boot
26	Connecting Sleeve
27	Washer
28	Spring Hooks
29	Bolt
30	Charge Pipe
31	Filter Support
32	Filter
33	Back Condenser
34	Basket