



## COMMERCIAL FREEZERS

### *Service, Installation and Care Manual*

## DIPPING CABINETS

Models:

MDC18-A, MDC26-A, MDC35-A



MDC18-A



MDC26-A/MDC35-A

**\*Not suitable for installation in a non-commercial or residential application.**



Important information - read before use. Please save these instructions!

### **WARNING!**

***A. Please read this manual carefully and thoroughly prior to installation, operation and maintenance.***

***B. Notify carrier of damage! Inspect all components immediately.***

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**Notice:** Information in this manual is subject to change.

## Product Usage

This appliance is part of the Dipping Cabinet series which are specially designed to merchandise ice cream or yogurt type products.

**Notice:** Users should put the unit into use **for its intended purpose.**

Manufacturer is not responsible for consequences that may arise due to improper use of this equipment.

## INSPECTION BEFORE INSTALLATION

Before installing your equipment, carefully inspect it for any possible shipping damage.

If any damage is detected when unloading or uncrating your unit, please file a claim with the transportation company as quickly as possible.

**Notice:** Manufacturer takes no responsibility for shipping loss or damage.

## SAFETY INSTRUCTIONS

### ● Safety Precautions

- The unit should be kept far away from heat sources or flames.
- Do not use mechanical devices to defrost the unit.
- Do not puncture the refrigerant tubing.
- Only qualified technicians are allowed to repair the unit - especially when refrigerant leakage occurs.
- The unit must be disposed of in a proper way based on federal or local regulations.

## ● **Basic Safety Precautions**

The following Basic Safety Precautions should be strictly enforced when using any electrical appliance including your unit.

- The electrical unit must be installed and placed appropriately by qualified installers in accordance with these Installation/Operation Instructions.
- The electrical unit must be kept far away from flammable vapors and liquids.
- The electrical unit must be unplugged from the electrical outlet before cleaning or repairing.
- Children are strictly banned from climbing, standing or hanging on the appliance to avoid hurting themselves or damaging the unit.
- Hands and other body parts must be kept dry when touching the cold surface in the refrigerated compartment to prevent skin from sticking to these very cold surfaces.

## **INSTALLATION INSTRUCTIONS**

To ensure smooth running of your unit from the very beginning, it must be installed appropriately based on all the following instructions.

**Notice:** We recommend that only qualified personnel install the unit.

### ● **Uncrating/ Unpacking**

- Shipping damage should be inspected once again when uncrating the unit. If any damage is detected, file a claim with the transportation company immediately.
- The unit should be entirely uncrated and unpacked before installation.
- Remove the fixed base brackets and discard the wooden shipping skid.
- Remove packing materials including cardboard and dust cover.

## ● Positioning

- The unit should be positioned in a stable place to avoid vibration and noise.
- The unit should be positioned in a dry place to prevent the compartment body from getting rusty.
- The unit should be positioned in a well-ventilated place and there should be at least 4 inches between the surrounding walls and the cabinet to enable proper air circulation.

### **Warning!**

To prevent a potential safety hazard or poor performance of the unit, it should be positioned where it will not be directly exposed to sunlight or near a direct source of radiant heat or airflow.

## ● Electrical

- The unit must always be properly grounded.
- Never use an adapter plug or extension cord to power the unit.
- The wall outlet, circuit and supply voltage must be checked carefully by a qualified electrician.
- The unit should be plugged into its own dedicated circuit at rated voltage.
- Broken or frayed power cords must not be used.
- When moving the unit, be careful not to run over or damage the power cord.
- Power supply should be switched off before servicing electrical components in the unit.
- See the wiring diagram for reference if needed.

### **Warning!**

Failure to follow the above instructions may result in **dangerous situations**.

## ● Startup

- Plug the unit in to make it run.
- The unit should be running for 2 to 3 hours before loading products to detect any potential electrical failure or concealed shipping damage.

- Do not replace the temperature controller or change its parameters randomly. Seek the help of a qualified technician.
- Do not restart the unit immediately when it is disconnected or shut off. Please wait several minutes before restarting it.

## CLEANING AND MAINTENANCE

Proper maintenance and cleaning contribute to a **longer service life** and **better usage experience** of your unit. It is recommended to empty and clean the unit every 1 to 2 months.

### Warning!

The power to the unit should be shut off before cleaning.

### ● Stainless Steel Cleaning

- Ammonia and soap may be used to polish the stainless steel surfaces and wipe off fingerprints and smears.
- Other specialized commercial detergents may be used to remove grease and oil.
- Soft cloths, towels and sponges are recommended to be used along with detergents.
- Steel wool **must not** be used for stainless steel cleaning.
- Hydrochloric acid or chlorine-based products **must not** be used for stainless steel cleaning.
- Any detergents that contain quaternary salts **must not** be used for stainless steel cleaning.
- Stainless steel surfaces should be wiped dry after cleaning.

### Warning!

Failure to follow the above instructions may result in abrasion, pitting and rusting of stainless steel surfaces.

### ● Transparent Lid Cleaning

- The lid can be removed from the unit by taking down the hinge bracket when cleaning.

- The lid can be washed with non-abrasive detergents and soapy water.
- Hard or rough cloths should not be used for cleaning to prevent the lid surface from being scratched.
- **Do not use** acetone, alcohol or dry-cleaning fluid to clean the plastic lid as these may interact with and damage it.

### ● **Can Holder Cleaning**

- The plastic can holder may be removed from the unit for easy cleaning.
- The can holder may be washed with non-abrasive detergents and soapy water.
- A non-metallic brush is recommended to achieve better cleaning.

### ● **Condenser Cleaning**

The condenser should be cleaned at least once per month as dirt, grease, lint and dust can be easily accumulated around it.

The following proper and regular cleaning instructions for the condenser help to **reduce compressor failure and minimize your maintenance expense.**

- Tools such as a screwdriver, adjustable wrench and stiff bristle brush are required when cleaning the condenser.
- Unscrew all screws with a screwdriver to take off the grill which covers the condenser.
- Use a stiff bristle brush to get rid of the accumulated dirt, grease, lint and dust from the condenser.
- Clean the coils and fan blades of the condenser carefully and cautiously to avoid any damage.
- Ensure that the condenser and other accessories are assembled correctly before reinstalling the grill.
- Reinstall the grill and tighten all the screws.
- Connect the unit and ensure that it is functioning well.

## TROUBLE SHOOTING

Before requesting any service on your unit, check points below. Note that this guide serves only as a reference for solutions to common problems.

SYMPTOMS	POSSIBLE CAUSES	SOLLUTIONS
Compressor fails to run.	Fuse blown or circuit breaker tripped. Power cord unplugged. Temperature is set too high. The unit is in the defrosting cycle.	Replace fuse or reset circuit breaker. Plug in power cord. Lower the temperature. Wait for the defrosting cycle to finish.
Condenser runs for an extended period of time.	Excessive amount of warm products are placed inside the unit. Prolonged door opening or door ajar.  Door gasket(s) are not sealed properly.  Dirty condenser coil. Evaporator coil iced over.	Allow adequate time for products to cool down. Ensure doors are closed when not in use. Avoid leaving doors open for long periods of time. Ensure gaskets are snapped in completely. Remove gaskets and wash with soapy water. Replace gaskets if necessary. Clean the condenser. Unplug the unit to allow coil to defrost. Ensure that the temperature is not set too low. Ensure that door gasket(s) are sealed properly.
The unit is too warm.	Temperature is set too high. Bad air circulation. Excessive amount of warm products are placed in the unit.  Fuse blown or circuit breaker tripped. Dirty condenser coil.  Prolonged door opening or door ajar.  Evaporator coil iced over.	Lower the temperature. Re-arrange products to achieve proper air flow. Ensure that there is at least 4 inches of clearance from evaporator. Allow adequate time for products to cool down. Replace fuse or reset circuit breaker. Clean the condenser coil.  Ensure that doors are closed when not in use. Avoid leaving doors open for a long period of time.  (See above)
The unit is noisy.	Loose part(s).  Tubing vibration.	Locate and tighten loose part(s). Ensure that the tubing does not touch other tubing or components.



**NOTES:**

A large, empty rectangular box with a thin black border, intended for handwritten notes.

**Please Keep This Manual for Future Reference**

**Notice:**

**Warranty claims will be denied if users fail to follow the instructions in this manual.  
We reserve the right to change product design and specifications without prior notice.**

MODEL#: \_\_\_\_\_  
SERIAL#: \_\_\_\_\_  
PURCHASE DATE: \_\_\_\_\_

