

MOTAK



MHDC-1

12 Tub Capacity - 47", 13.4 cu ft



MHDC-2-8

28 Tub Capacity - 88", 27.8 cu ft

Ice Cream Dipping Cabinet 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.

WARNINGS

- Please inspect unit for any possible shipping damage before installation.
- **Hydro-Carbon R290, a flammable and explosive refrigerant, is used in this unit. The following safety precautions must be enforced due to the use of R290 refrigerant:**
 - The unit should be kept far away from any heat source or open flame
 - Do not use mechanical devices to defrost the unit
 - Do not puncture the refrigerant tubing
 - Only qualified technicians are authorized to repair the unit especially when refrigerant leakage occurs
 - Dispose of unit in accordance with federal or local regulations
- Unit must be installed and placed properly by qualified technicians.
- Keep unit far away from flammable vapors and liquids.
- During maintenance and cleaning, please unplug the unit.
- Do not plug or unplug the cord with wet hands.
- It is recommended that a separate circuit, serving only your unit, be used. Use receptacles that cannot be turned off by a switch or pull chain.
- To prevent skin from getting stuck to the cold surfaces, keep hands and other body parts dry when touching cold surfaces in the refrigerated compartment .
- Children are strictly banned from climbing, standing or hanging on the appliance to avoid hurting themselves or damaging the unit.
- Never clean refrigerator parts with flammable fluids. These fumes can create a fire hazard or explosion. Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance as the fumes can create a fire hazard or explosion.
- Do not attempt to repair or replace any part of your freezer unless it is specifically recommended in this manual. All other servicing should be done by a qualified technician.
- This unit is specifically designed to merchandise ice cream or yogurt type products.
- **Do not use this freezer for other than its intended purpose.**

ELECTRICAL CONNECTION

- This unit must be properly grounded at all times for your safety.
- Never use an adapter plug or extension cord to power the unit.
- The wall outlet, circuit and supply voltage must be checked carefully by qualified electricians.
- Do not plug unit into outlet if the power cord is broken or frayed.
- Make sure that the unit is not resting on or against the electrical cord and plug.
- Make sure the power supply is switched off before servicing the unit.
- Wiring diagram can be referenced if needed.
- **WARNING: Failure to follow these instructions can lead to personal injury or damage to the unit**

TO INSTALL:

- Remove unit from box and make sure all plastic, tape and packaging materials are removed.
- Place the unit on a flat, secure surface with at least 4" of open space around all sides to ensure proper air circulation
- Place the unit in a dry area to prevent the compartment body from getting rusty
- Place the unit in an area that is not in direct sunlight or any other sources of heat

TO USE:

- Make sure the unit is plugged in properly
- The unit should be running 2 to 3 hours before loading products to detect any potential electrical failure and/or concealed shipping damage.
- Do not replace the temperature controller or change its parameters without the help of a qualified technician.
- Do not restart the unit immediately when it is disconnected or shut off. Wait several minutes before restarting.

CLEANING AND MAINTENANCE

Stainless Steel Cleaning

- Ammonia and soap can be used to polish the stainless steel surfaces and wipe off fingerprints and smears.
- Other specialized commercial detergents can be used to remove grease and oil.
- Soft cloths, towels and sponges are recommended to be used along with detergents.
- Do not use steel wool to clean stainless steel.
- Hydrochloric acid or chlorine-based products cannot 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.
- 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.

Can Holder Cleaning

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

Condenser Cleaning

- The condenser should be cleaned at least once a month due to dirt, grease, lint and dust build up.
- The following instructions help to reduce compressor failure and minimize your maintenance expense:
 1. You will need a screwdriver, adjustable wrench and stiff bristle brush when cleaning the condenser
 2. Unscrew all screws with screwdriver to remove the grill covering the condenser
 3. Use a stiff bristle brush to get rid of the accumulated dirt, grease, lint and dust from the condenser.
 4. Clean the coils and fan blades of the condenser carefully and cautiously to avoid any damage.
 5. Ensure that the condenser and other accessories are assembled correctly before reinstalling the grill.
 6. Reinstall the grill and tighten all the screws.
 7. Connect the unit and check that it is functioning properly.

TROUBLESHOOTING

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

Problem	Possible Cause	Corrective Action
Compressor not running	<ul style="list-style-type: none"> • Fuse blown, or circuit breaker tripped • Power cord unplugged • Thermostat set too high • Unit in defrost cycle 	<ul style="list-style-type: none"> • Replace fuse or reset circuit breaker • Plug in power cord • Set thermostat to lower temperature • Wait for defrost cycle to finish
Condensing unit runs for long period of time	<ul style="list-style-type: none"> • Excessive amount of warm product placed in unit • Prolonged door opening or door ajar • Door gasket(s) not sealing properly • Dirty condenser coil • Evaporator coil iced over 	<ul style="list-style-type: none"> • Allow adequate time for product to cool down • Ensure doors are closed when not in use. Avoid opening doors for long periods of time • Ensure gaskets are snapped in completely. Remove gasket and wash with soap and water. Check condition of gasket and replace if necessary • Clean the condenser coil • Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure the door gasket(s) are sealing properly
Unit is too warm	<ul style="list-style-type: none"> • Thermostat set too warm • Bad air circulation • Excessive amount of warm product placed in cabinet • Fuse blown, or circuit breaker tripped • Dirty condenser coil • Prolonged door opening or door ajar • Evaporator coil iced over 	<ul style="list-style-type: none"> • Set thermostat to lower temperature • Re-arrange product to allow for proper air flow. Make sure there is at least four inches of clearance from evaporator • Allow adequate time for product to cool down • Replace fuse or reset circuit breaker • Clean the condenser coil • Ensure doors are closed when not in use. Avoid opening doors for long periods of time • Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly
Unit is noisy	<ul style="list-style-type: none"> • Loose part(s) • Tubing vibration 	<ul style="list-style-type: none"> • Locate and tighten loose part(s) • Ensure tubing is free from contact with other tubing or components