



Dipping Cabinets

A Professional Line of Commercial Refrigerated Equipment



Instruction Manual Dipping Cabinets

MODELS: MDP-47, MDP-67

This manual contains important information regarding your Culitek 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.

WARNING

DANGER – RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. TO BE REPAIRED ONLY BY TRAINED SERVICE PERSONNEL. DO NOT PUNCTURE REFRIGERANT TUBING.

PELIGRO - RIESGO DE INCENDIO O EXPLOSION. REFRIGERANTE INFLAMABLE UTILIZADO. PARASER REPARADO SOLAMENTE POR PERSONAL DE SERVICIO CALIFICADO. NO PINCHAR LA TUBERÍA REFRIGERANTE.

DANGER – RISQUE DE FEU OU D'EXPLOSION. LE FRIGORIGÈNE EST INFLAMMABLE. CONFIER LES RÉPARATIONS À UN TECHNICIEN SPÉCIALISÉ. NE PAS PERFORER LA TUBULURE CONTENANT LE FRIGORIGÈNE.

CAUTION – RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. CONSULT REPAIR MANUAL/OWNER'S GUIDE BEFORE ATTEMPTING TO SERVICE THIS PRODUCT. ALL SAFETY PRECAUTIONS MUST BE FOLLOWED.

ATENCION - RIESGO DE INCENDIO O EXPLOSIÓN. REFRIGERANTE INFLAMABLE UTILIZADO. CONSULTE EL MANUAL DE REPARACIÓN / GUÍA DEL PROPIETARIO ANTES DE INTENTAR DAR SERVICIO A ESTE PRODUCTO. DEBEN CUMPLIR CON TODAS LAS PRECAUCIONES DE SEGURIDAD.

ATTENTION – RISQUE DE FEU OU D'EXPLOSION. LE FRIGORIGÈNE EST INFLAMMABLE. CONSULTER LE MANUEL DU PROPRIÉTAIRE/GUIDE DE RÉPARATION AVANT DE TENTER UNE RÉPARATION. TOUTES LE MESURES DE SÉCURITÉ DOIVENT ÊTRE RESPECTÉES.

CAUTION – RISK OF FIRE OR EXPLOSION DUE TO PUNCTURE OF REFRIGERANT TUBING; FOLLOW HANDLING INSTRUCTIONS CAREFULLY. FLAMMABLE REFRIGERANT USED.

ATENCION - RIESGO DE INCENDIO O EXPLOSIÓN DEBIDO A LA PERFORACION DE LA TUBERÍA REFRIGERANTE; SIGA LAS INSTRUCCIONES DE MANIPULACIÓN CON CUIDADO. REFRIGERANTE INFLAMABLE UTILIZADO.

ATTENTION – RISQUE DE FEU OU D'EXPLOSION SI LA TUBULURE CONTENANT LE FRIGORIGÈNE EST PERFORÉE; SUIVRE LES INSTRUCTIONS DE MANUTENTION AVEC SOIN. LE FRIGORIGÈNE EST INFLAMMABLE.

CAUTION – RISK OF FIRE OR EXPLOSION DUE TO FLAMMABLE REFRIGERANT USED. FOLLOW HANDLING INSTRUCTIONS CAREFULLY IN COMPLIANCE WITH LOCAL GOVERNMENT REGULATIONS.

ATENCIÓN – RIESGO DE INCENDIO O EXPLOSIÓN DEBIDO A REFRIGERANTE INFLAMABLE UTILIZADO. SIGA LAS INSTRUCCIONES DE MANIPULACIÓN CON CUIDADO CONFORME A LAS REGLAS DE LA MUNICIPALIDAD.

ATTENTION – RISQUE DE FEU OU D'EXPLOSION SI LE FRIGORIGÈNE EST INFLAMMABLE. SUIVRE LES INSTRUCTIONS DE MANUTENTION AVEC SOIN CONFORMÉMENT AUX RÈGLEMENTATION GOUVERNEMENTALE LOCAUX.



Dipping Cabinets

A Professional Line of Commercial Refrigerated Equipment

WARNINGS

- To minimize shock and fire hazards, be sure not to over load the outlet. One outlet should be designated to the unit only.
- Do not use extension cords.
- Do not put hands under the unit when moving.
- When the unit is not being used for an extended period of time, unplug the unit from the outlet.
- After unplugging the unit, wait at least 10 minutes before re-plugging it. Failure to wait the allotted time may cause damage to the compressor.
- To minimize shock and/or fire hazards, be sure not to plug or unplug the unit with wet hands.
- Before any maintenance or cleaning, unplug the unit as a precaution.
- To minimize shock and fire hazards, make sure that the unit is properly grounded.
- Do not attempt to remove or repair any component.
- Make sure that the unit is not resting on or against the electrical cord or plug.
- Do not hang or lean against door as this may cause personal injury or damage to the door hinge.
- Do not store any flammable and/or explosive gas or liquids inside the unit.
- Do not attempt to alter or tamper with the electrical cord.
- Do not set the desired temperature out of the recommended temperature range: (FREEZER: 8°F - 20°F)

INSTALLATION

BEFORE INSTALLING, PLEASE MAKE SURE:

- If the unit has recently been transported do not use for a minimum of 24 hours before installing.
- Make sure that the unit is at the desired temperature before loading it with product.
- Ensure that the unit will have proper ventilation in the area that it will operate.
- Inspect the unit to verify all accessories (shelves, shelf clips) are equipped with the unit before proceeding with installation.
- Review the entire manual in its entirety. Lack of maintenance or misuse of the unit will void the warranty.

CABINET LOCATION GUIDELINES

Install the unit on a flat sturdy surface

- Unit may make abnormal noises if surface is uneven
- Unit may malfunction if surface is uneven

Install the unit in an indoor, well-ventilated area with a floor drain nearby

- Unit performs more efficiently in a well-ventilated area
- For optimal performance, maintain a clearance of at least 6" around all sides
- Outdoor use may cause decreased performance and may damage the unit

Avoid installing the unit in a high humidity and/or dusty area

- Exposure to humidity may cause the unit to rust and/or decrease the efficiency of the unit.
- Dust build up on the condenser coil will cause the unit to malfunction. Clean the condenser at least once a month with a brush or clean cloth. Neglect of maintenance will void the warranty.

Select a location away from heat and moisture generating equipment

- High ambient temperatures will cause the compressor to overcompensate, leading to higher energy bills and eventual break down of the unit. With the lid open, the unit should not be used in areas of 80 degrees. The unit should not be used in areas over 90 degrees.
- Malfunction due to high temperatures will void the warranty.

ELECTRICAL

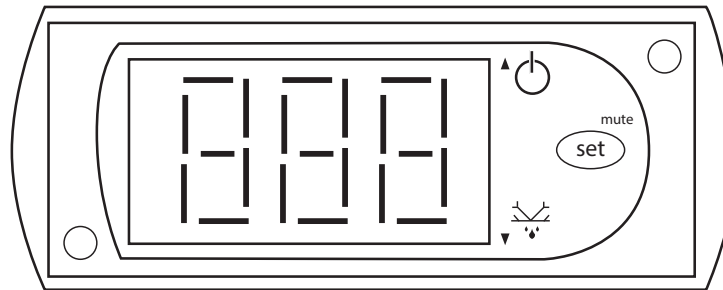
Please ensure that the required voltage of the compressor is constant at all times. Low or high voltage can detrimentally affect the unit and there by void its warranty.

All units should be plugged into a grounded and properly-sized electrical outlet with an appropriate over current protection. Please refer to the electrical requirements on the serial tag located inside the unit. Please make sure that the unit has its own dedicated outlet. Do not use an extension cord.

TEMPERATURE CONTROLS

The temperature controls are factory set to maintain optimum temperatures for food safety. No adjustments are required.

FREEZER CONTROL



Regulating the Temperature

Your new freezer is now manufactured to run at ideal temperatures for food quality and should not require any alterations.

Freezers are set to cycle between a base temperature of -10° Fahrenheit and a temperature maximum of 5° Fahrenheit.

Altering the temperature changes the base temperature your unit will keep running at. Your unit won't run always at this setting. To change it, follow these instructions:

- Hold "SET" for 1 sec. The display will flash the temperature that the refrigerator is currently set to.
- Use the arrow buttons to adjust the temperature
- Press "SET" to save your settings

LOADING PRODUCT

Ice cream flavors with a higher sugar content will require a lower temperature for storage. These kinds of flavors are best stored in the corners of the unit to ensure they are kept the coldest. Dipping cabinets are not designed for long term storage. Crystallization may occur if ice cream is allowed to warm up prior to placement in the cabinet.

DEFROST SYSTEMS

To ensure optimal performance, unit should be placed into a defrost when the thickness of the ice on the cabinet wall reaches 1/4". To defrost, the unit must be free of product and left unplugged or put in a manual defrost cycle until the ice build up melts. Do not use sharp tools or scrape the ice, this could damage the interior of the cabinet. After defrosting, clean the wall with a dry cloth and then turn the power back on.

To run a manual defrost, press the defrost button (snowflakes symbol and down arrow) for approximately 3 seconds. Repeat to stop the defrost cycle.

RUNNING A MANUAL DEFROST CYCLE

This unit is pre-programmed to run automatic defrost cycles at preset intervals. However, if you would like to run a manual defrost cycle at any time, please follow the steps below:

1. Remove all ice cream from the freezer and keep them in other freezer.
2. Once the freezer is emptied out completely, unplug the power source, and open the lid(s).
3. It could take from half an hour to several hours to defrost the freezer depending on how much ice is built up.
4. After the defrosting process is over, please remove the drain plug located on the bottom of the operator side to drain off the water in the bottom of the freezer that has collected.

NOTE: We strongly recommend that any servicing be performed by an authorized service technician.



Dipping Cabinets

A Professional Line of Commercial Refrigerated Equipment

REGULAR MAINTENANCE

WARNING: Disconnect power cord before cleaning any parts of the unit.

CLEANING THE CONDENSER COIL

For efficient operation, it is important that the condenser surface be kept free of dust, dirt, and lint. It is highly recommended that the condenser coil be cleaned at least once a month. Clean with a commercial condenser coil cleaner and brush the condenser fins from top to bottom. After cleaning, straighten any bent fins with a fine comb.

CLEANING THE FAN BLADES AND MOTOR

If needed, clean the fan blades and motor with a soft cloth if there is any build up. If it is necessary to wash the fan blades, cover the fan motor first to prevent any kind of moisture damage.

CLEANING THE INTERIOR OF THE UNIT

When cleaning the cabinet interior, use a mixture of mild soap and warm water. It is not recommended to use steel wool, caustic soap, abrasive cleaners, or bleach as this may cause damage to the stainless steel surface.

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.
-

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



CULITEK



2 YEAR WARRANTY

All claims for parts or labor must be made directly through Culitek. All claims must include model number of the unit, the serial number, proof of purchase, date of installation, and all pertinent information supporting the alleged defect. In case of compressor replacement under warranty, either compressor or compressor tag must be returned to Culitek along with above listed information. **Failure to comply with warranty policies will result in voiding claims.**

Two Year Parts & Labor Warranty

Culitek warrants all new refrigerated components, such as the cabinet and all parts, to be free from defects in materials or workmanship. Culitek's obligation under this warranty is limited to a period of two (2) years from the date of shipment from Culitek. All parts covered under this warranty that are defective within two (2) years from the date of shipment from Culitek are limited to repair or replacement (including labor charges) of defective parts or assemblies. The labor warranty shall include standard straight time labor charges only and reasonable travel time, as determined by Culitek.

Additional Three-Year Compressor Warranty

In addition to the two (2) year warranty stated above, Culitek warrants its sealed compressor to be free from defects in both material and workmanship under normal and proper use and maintenance service for a period of three (3) additional years from the date of original installation, but not to exceed five (5) years. Compressors that have been determined to be defective from Culitek within this extended period will be either repaired or replaced with a compressor or compressor parts of similar design and capacity according to Culitek's discretion. The three (3) year extended compressor warranty applies only to sealed parts of the compressor and does not apply to any other parts or components. This includes, the cabinet, paint finish, temperature control, refrigerant, metering device, motor starting equipment, fan assembly, and other electrical components, etc.

Compressor Warranty

The five-year compressor warranty detailed above will be void if the following procedure is not carefully adhered to:

1. This system contains R404A, R134a, or R290 refrigerant and lubricant. The lubricant has rapid moisture absorbing qualities.
2. Drier replacement is very important and must be changed when a system is opened for servicing.
3. Micron level vacuums must be achieved to insure low moisture levels in the system.
4. Compressor must be obtained through Culitek, unless otherwise specified in writing, through Culitek's warranty department.



CULITEK



What is Not Covered by This Warranty

Culitek's sole obligation under this warranty is limited to either repair or replacement of parts, subject to the additional limitations below. This warranty neither assumes nor authorizes any person to assume obligations other than those expressly covered by this warranty.

ROUTINE MAINTENANCE REQUIREMENTS MUST BE FOLLOWED OR WARRANTY IS VOID.

NO CONSEQUENTIAL DAMAGES: IN NO EVENT WILL CULITEK BE RESPONSIBLE FOR ECONOMIC LOSS, PROFIT LOSS, OR SPECIAL, EXEMPLARY, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LOSSES OR DAMAGES ARISING FROM FOOD OR PRODUCT SPOILAGE, REGARDLESS OF WHETHER OR NOT THEY RESULT FROM EQUIPMENT FAILURE.

WARRANTY IS NOT TRANSFERABLE: This warranty is not assignable and applies only in favor of the original purchaser/user to whom delivered. ANY SUCH ASSIGNMENT OR TRANSFER SHALL VOID THE WARRANTIES HEREIN AND SHALL VOID ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR LABOR COVERAGE FOR COMPONENT FAILURE OR OTHER THE WARRANTY PACKET PROVIDED WITH THE UNIT.

ALTERATION, NEGLIGENCE, ABUSE, MISUSE, ACCIDENT, DAMAGE DURING TRANSIT OR INSTALLATION, FIRE, FOOD, OR ACTS OF GOD: Culitek is not responsible for the repair or replacement of any parts that are determined to have been subjected after the date of manufacture to alteration, neglect, abuse, misuse, accident, damage during transit or installation, fire, flood, or act of God.

IMPROPER ELECTRICAL CONNECTIONS: Culitek IS NOT RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF FAILED OR DAMAGED COMPONENTS RESULTING FROM ELECTRICAL POWER FAILURE, THE USE OF EXTENSION CORDS, LOW VOLTAGE, OR VOLTAGE DROPS TO THE UNIT.

THE TWO (2) YEAR PARTS & LABOR WARRANTY AND THE ADDITIONAL THREE (3) YEAR COMPRESSOR WARRANTY ARE AS DESCRIBED ABOVE. THESE WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, AND SELLER DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR THAT THE GOODS WILL BE FIT FOR A PARTICULAR PURPOSE. SELLER ALSO DISCLAIMS ANY IMPLIED WARRANTIES OF NON-INFRINGEMENT. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.



CULITEK



Stocking Period: Equipment distributed by stocking dealers are permitted a period of up to six (6) months for time equipment is in-stock before sale to purchaser/user before warranty starts. For this extended warranty stocking period to be honored, customer must provide model number of the unit, the serial number, and dated proof of purchase.

Outside U.S. and Canada: This warranty does not apply to areas outside the continent of the United States. Culitek is not responsible for any warranty claims made on products sold or used in such areas.

RESIDENTIAL: Culitek assumes no liability for parts or labor coverage for component failure, factory defect or any other damages for units installed in non-commercial foodservice or residential applications.