



**DOUBLE SOLID DOOR**

Refrigerator:  
MRIR-2D

Freezer:  
MRIF-2D



**TRIPLE SOLID DOOR**

Refrigerator:  
MRIR-3D

## **Commercial Reach-In Refrigerator & 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.

## 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.



**DANGER:** Risk of fire or explosion - Flammable refrigerant used.

**DANGER:** Risk of fire or explosion - Do not puncture refrigerant tubing.

- To be repaired only by trained service personnel.
- Consult the manual/owner's guide before attempting to service this product.
- All safety precautions must be followed.
- Follow handling instructions carefully in compliance with local government regulations.

## ATTENTION

- To minimize shock and fire hazards, be sure not to overload outlet. Please designate one outlet for your unit.
- Do not use extension cords.
- Do not put your hands under the unit when the unit is required to be moved.
- When the unit is not in use for a long period of time, please unplug the unit from the outlet.
- After unplugging the unit, wait at least 10 minutes before re-plugging it.
- Failure to do so could cause damage to the compressor.

## UNPLUG CORD

- To minimize shock and fire hazards, please do not plug or unplug the cord with wet hands.
- During maintenance and cleaning, please unplug the unit.

## PROPER GROUNDING REQUIRED

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

## PROHIBITED

- **DO NOT** attempt to remove or repair any component unless instructed by factory.
- Make sure that the unit is not resting on or against the electrical cord and plug.
- **DO NOT** hang on the doors.
- **DO NOT** store any flammable and explosive gas or liquids inside the unit.
- **DO NOT** attempt to alter or tamper with the electrical cord.

## BEFORE INSTALLATION:

- If the unit has recently been transported please let unit stand still for a minimum of 24 hours before plugging it in.
- Make sure that the desired temperature is reached before loading the unit product.
- Make sure that there is proper ventilation around the unit in the area where it will operate.
- Make sure all accessories are installed (i.e. shelves, shelf clips, casters) before plugging the unit in.
- As for units with K clips and K strips structure inside, you need firstly remove bottom K clips (4 pieces) and then re-install K clips ( 4 pieces) on proper position according to your need.
- Please read through the manual in its entirety.

## INSTALLATION:

### CABINET LOCATION GUIDELINES:

- **Install the unit on strong and leveled surfaces**
  - \* Unit may make unpleasant noises if surface is uneven
  - \* Unit may malfunction if surface is uneven
- **Install the unit in an indoor, well-ventilated area**
  - \* Unit performs more efficiently in a well-ventilated area
  - \* For best performance, please maintain clearance of 4" on the back of the unit
  - \* Outdoor use may cause decreased efficiency and damage to the unit
- **Avoid installation in a high humidity and/or dusty area**
  - \* Humidity could cause unit to rust and decrease efficiency of the unit
  - \* Dust collected on condenser coil will cause unit to malfunction. Clean the condenser at least once a month with a brush or clean cloth
- **Select a location away from heat and moisture-generating equipment**
  - \* High ambient temperatures will cause the compressor to overwork, leading to higher energy bills and gradual breakdown of the unit.

### ELECTRICAL:

- Please ensure that the required voltage of the compressor is being supplied at all times.
- Low or high voltage can detrimentally affect the refrigeration unit.
- All units should be plugged into a grounded and properly-sized electrical outlet with appropriate over-current protection.
- Please refer to the electrical requirements on the nameplate.
- Please make sure that your unit has its own dedicated outlet.
- **DO NOT** use an extension cord.

### 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.
- We recommend cleaning the condenser coil and fins at least once per month.
- Clean with a commercial condenser coil cleaner, available from any kitchen equipment retailer. Brush the condenser fins from top to bottom, not side to side.
- After cleaning, straighten any bent condenser fins with a fin comb.

### CLEANING THE FAN BLADES AND MOTOR

If necessary, clean the fan blades and motor with a soft cloth. If it is necessary to wash the fan blades, cover the fan motor to prevent moisture damage.

### CLEANING THE INTERIOR OF UNIT

- When cleaning the cabinet interior, use a solvent of warm water and mild soap.
- Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the stainless steel surface.
- Wash door gaskets on a regular basis, preferably weekly. Simply remove door gasket from the frame of the door, soak in warm water and soap for thirty (30) minutes, dry with soft cloth, and replace.
- Check door gaskets for proper seal after they are replaced.

- Periodically remove the shelves and pilasters from the unit and clean them with mild soap and warm water. To remove the pilasters, first remove the shelves and shelf brackets. Then, simply lift the pilaster up and out.

## 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.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Compressor not running.	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Power cord unplugged. Thermostat set too high.	Plug in power cord. Set thermostat to lower temperature.
	Cabinet in defrost cycle.	Wait for defrost cycle to finish.
Condensing unit runs for long periods of time.	Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
	Prolonged door opening or door ajar.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Door gasket(s) not sealing properly.	Ensure gaskets are snapped in completely. Remove gasket and wash with soap and water. Check condition of gasket and replace if necessary.
	Dirty condenser coil. Evaporator coil iced over.	Clean the condenser coil. Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly.
Cabinet temperature is too warm.	Thermostat set too warm.	Set thermostat to lower temperature.
	Blocking air flow.	Re-arrange product to allow for proper air flow. Make sure there is at least four inches of clearance from evaporator.
	Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Dirty condenser coil.	Clean the condenser coil.
	Prolonged door opening or door ajar.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Evaporator coil iced over.	
Cabinet is noisy.	Loose part(s).	Locate and tighten loose part(s).
	Tubing vibration.	Ensure tubing is free from contact with other tubing or components.

**NOTES:**

**RETAIN THIS MANUAL FOR FUTURE REFERENCE**

- Please read the entire manual carefully before installing and operating. If certain recommended procedures are not followed, warranty claims will be denied.

<b>MODEL#:</b>	
<b>SERIAL#:</b>	
<b>PURCHASE DATE:</b>	

Notice: We reserve the right to make changes in design and specifications without prior notice.

# REFRIGERATION WARRANTY



## TWO-YEAR LIMITED WARRANTY

MOTAK Limited Warranty, Two (2) Year Parts and Labor + Five (5) Year Compressor and Evaporator Pan.

MOTAK warrants its equipment against defects in materials and workmanship, subject to the following conditions:

- MOTAK Equipment is warranted for two (2) years, effective from the date of purchase by the original owner. A copy of the original receipt or other proof of purchase is required to obtain warranty coverage. This warranty applies to the original owner only and is not assignable.
- Should any product fail to function in its intended manner under normal use within the limits defined in this warranty, at MOTAK's discretion, such product will be repaired, replaced with a refurbished unit, or replaced with a new unit by MOTAK, after defective unit has been inspected and defect has been confirmed.

## THE FOLLOWING CONDITIONS ARE NOT COVERED BY THIS WARRANTY:

- Equipment failure relating to improper installation, improper utility connection or supply and problems due to improper ventilation.
- Equipment that has not properly been maintained, damage from improper cleaning, and water damage to controls.
- Equipment that has not been used in an appropriate manner, or has been subject to misuse, neglect, abuse, accident, alteration, negligence, damage during transit, delivery or installation, fire, flood, riot, or act of God.
- Equipment that has the model number or serial number removed or altered.
- Equipment on which the security seal has been broken.

MOTAK does not assume any liability for extended delays in replacing any item beyond its control. This warranty does not apply to rubber and non-metallic synthetic parts that may need to be replaced due to normal usage, wear, or lack of preventative maintenance.

This warranty covers products shipped into the 48 contiguous United States, Hawaii, and metropolitan areas of Alaska and Canada. Warranty coverage on products used outside the 48 contiguous United States, Hawaii and metropolitan areas of Alaska and Canada may vary. Contact MOTAK for details at 1-877-368-2797.

If the equipment has been changed, altered, modified, or repaired without express written permission from MOTAK, then the manufacturer shall not be liable for any damages to any person or to any property, which may result from the use of this equipment thereafter. This equipment is intended for commercial use only and this warranty is void if equipment is used in other than a commercial application.

## WARRANTY CLAIMS & SERVICE

For warranty and non-warranty related issues please call MOTAK at 1-877-368-2797 to speak to technical support.

- When calling please have your model number, serial number, and proof of purchase ready.
- To purchase replacement parts, receive online technical support or fill out a warranty claim visit [www.katom.com](http://www.katom.com)
- It is not necessary to contact the place where you originally purchased your product from.

**"THE FOREGOING WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES AND CONSTITUTES THE ENTIRE LIABILITY OF MOTAK. IN NO EVENT DOES THE LIMITED WARRANTY EXTEND BEYOND THE TERMS STATED HEREIN."**

MOTAK reserves the exclusive rights to change or modify this warranty statement or any part herein at any time without prior notice.