

OLYMPUS VI USER MANUAL



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220 Route 70, Medford, NJ 08055 609-714-2330

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OVERVIEW / COMPLIANCE / WARNINGS

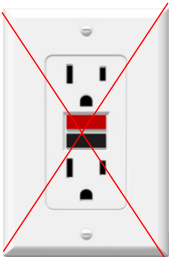
Overview

- The Olympus VI merchandisers are designed to merchandise packaged products at 41° or less.
- Product must be pre chilled to 41° or less prior to loading into merchandiser.
- Improper use may void warranty.



Attention Contractors

This equipment must be installed in compliance with all applicable NEC, Federal, State, and Local electrical and plumbing codes.



Use of GFCI Breaker

If NEC or local code requires a Ground fault circuit interrupter, use a GFCI breaker in lieu of GFCI outlet.



Electrical Warning

Risk of electric shock. Disconnect power before servicing unit.



Warranty

Improper use of this equipment and performance issues caused by adverse conditions will not be warranted. Failure to follow the guidelines set forth in this manual will result in warranty being voided.

PRECAUTIONS

CAUTION

**ELECTRICAL
HAZARD**

Warning

Condensate evaporator pan is hot. Allow to cool before servicing.

CAUTION

**ELECTRICAL
HAZARD**

Caution! Do not rely on thermometers for product temperature.

Use food probe thermometers only.

CAUTION

**ELECTRICAL
HAZARD**

Caution! Power Cord Maintenance

Risk of electric shock. If cord or plug is damaged, replace only with same type.

CAUTION

**ELECTRICAL
HAZARD**

Warranty

Improper use of this equipment and performance issues caused by adverse conditions will not be warranted. Failure to follow the guidelines set forth in this manual will result in warranty being voided.

Introduction

GENERAL INFORMATION

RPI Industries, Inc. Recommends That a Qualified Refrigeration Technician perform The Installation, Inspection and Start-Up of Refrigeration Equipment.

RPI Industries, Inc. Makes No Other Expressed or Implied Warranty, And No Person or Representative of The Seller Is Authorized to Add to The Seller's Liabilities in Connection With Its Products Other Than What Is Expressed.

Warranties Listed Here Are for Equipment Located Inside the Continental United States.

All Services Labor And/or Part Charges Are Subject to Approval by RPI Industries, Inc. Contact the Service Department

- Temperature of case is controlled by a digital control. Cases are pre-set at factory. Settings should not be touched, without first notifying the factory.
- Condensing unit is 115/60 or 208/230V/60 cycle/single phase air-cooled or equal.
- Refrigerant: R134A, R448A
- Average case temperature in Air Screens and Self-Serve cases is between 37 and 40 degrees Fahrenheit.
- Do not store packages against blower (evaporator coils) so airflow is not impeded.
- Do not block airflow inside display area over front and back grill.
- Provide adequate airflow in and around condensing unit inlet and discharge areas.
- Tracks and sliding door fixtures should be cleaned and lubricated periodically.
- Check inside cooling coil housing to be certain that it is free of debris.
- Replace any malfunctioning parts as soon as possible.

Important: Failure to comply with any of above may void warranty.

Cases are designed to operate in an environment of 80 degrees Fahrenheit and 60% relative humidity.

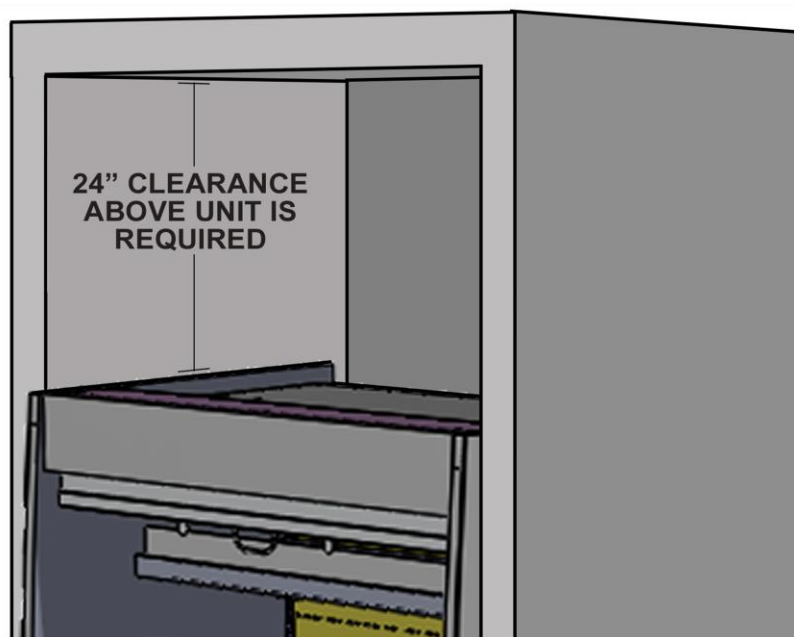
Receiving & Inspection Procedure

- Transportation companies assume all liability from the time a shipment is received by them until the time it is delivered to the consumer. Our liability ceases at the time of shipment.
- All shipments leaving our plant have been carefully inspected. If a shipment arrives with the crating or packaging damaged, have the carrier note the condition on the receipt. Check as soon as possible for concealed damage.
- If it is found that the shipment has been damaged in transit, please **DO NOT** return it to us, but notify and file a claim with the carrier at once. **FAILURE TO FOLLOW THIS PROCEDURE WILL RESULT IN REFUSAL BY THE CARRIER TO HONOR ANY CLAIM WITH A CONSEQUENT LOSS TO THE CUSTOMER**

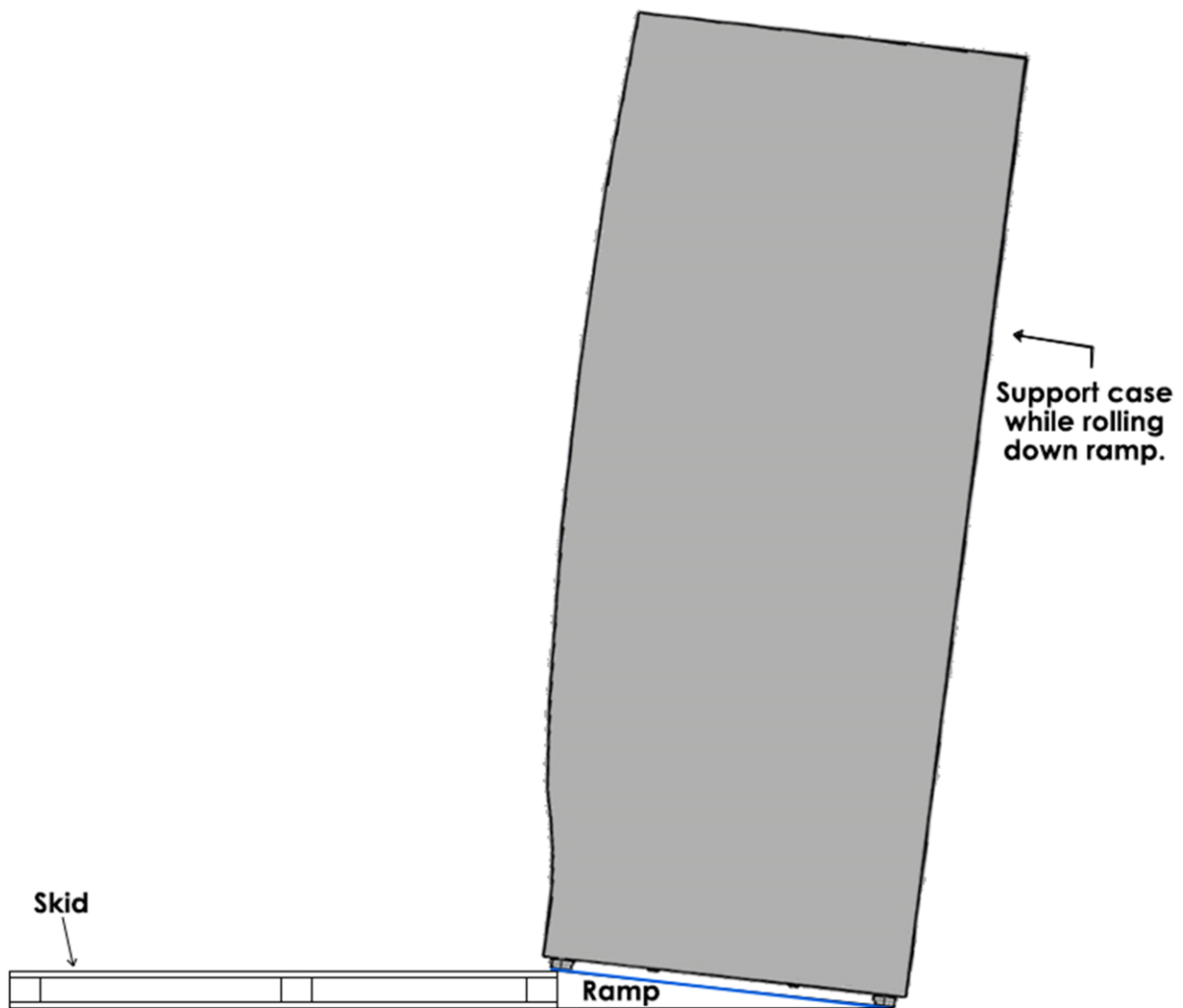


Locating the Fixture in Your Space

- Locate refrigerator or freezer in a dry, cool, and well-ventilated area. When possible, do not locate any fixture in the direct rays of the sun, near heating ducts, radiators, stoves, doors, or any device which will hinder the airflow as designed.
- There must be at least 24 inches of unobstructed clearance from the condensing unit compartment.
- Locate the electrical outlet in such a manner that you may plug in the service cord (when furnished) direct, without the use of an extension cord. On models not furnished with a service cord, a permanent electrical connection is required. Make sure that no other electrically operated appliances are connected to the circuit operating this fixture, which will cause an overload. Overloaded circuits are extremely hazardous. **THE VOLTAGE MUST BE MAINTAINED TO WITHIN 5% OF VOLTAGE INDICATED ON THE NAMEPLATE FOR PROPER OPERATION.**
- This unit is for use in a max. 80F and 60% humidity room ambient conditions. Higher room temperature will affect the operation and warranty of this unit.



Removing Unit from Pallet



Installation

It is always good practice to have a competent refrigeration service person perform the start-up. It is also advisable to obtain a service contract from this same individual to be assured of reliable and efficient service in case of any future problems.

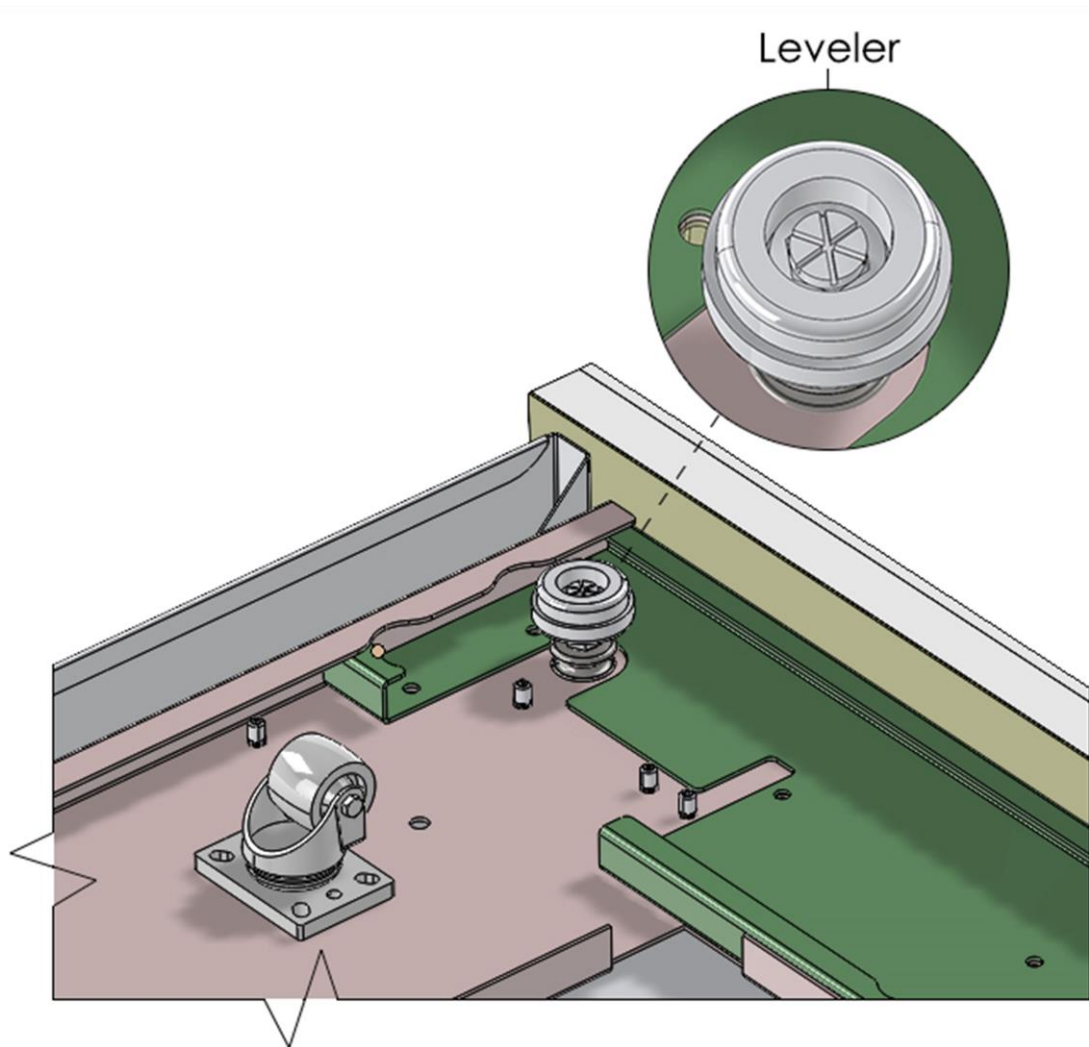
- It is mandatory that a direct, properly fused line of proper size wire be installed from the main supply to your refrigerator. It is most important that a voltage reading be made at the compressor-motor electrical connections, or as close to the compressor-motor as possible at start-up and while the refrigerator is in operation, to ensure that the correct voltage required by the compressor is supplied.
- Check serial and rating plate for voltage and current requirements, then make electrical hook-up.
- Make certain that the fixture is level in all directions. This is especially important for proper door closure, correct water drainage and efficient operation of evaporator.
- Check vibrations or any objectionable noises.
- Check operation of lights.
- Inspect door for proper operation. (If applicable)
- After installing shelves, be certain that they are in their proper place. Do not lay products against the rear of the display area. This will restrict airflow from storage area. Make sure light cord plugs and receptacles are properly seated and secured. Loose cords may short out and void warranty.

Do not block airflow inside display area over back grill.



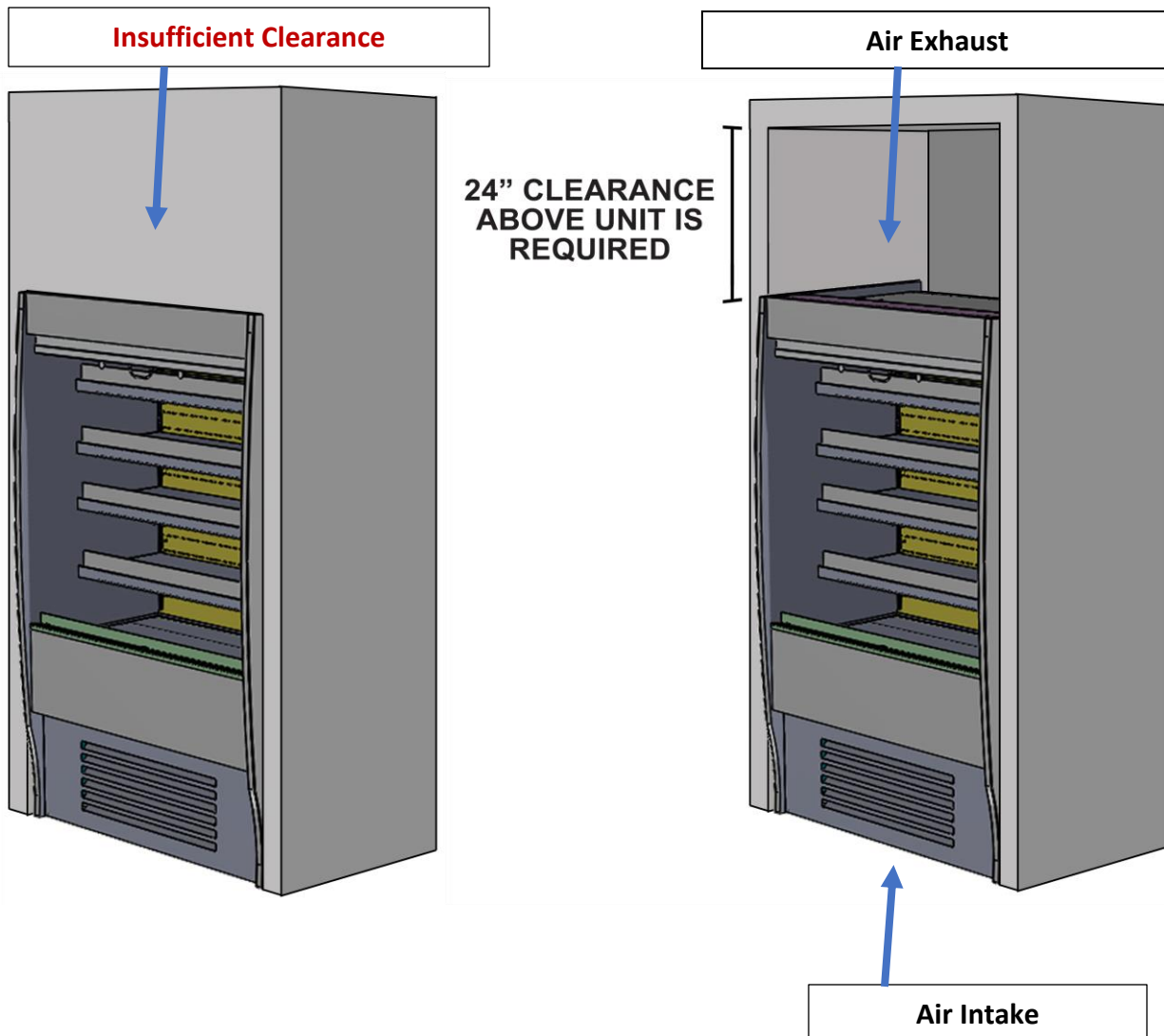
Instructions for Lowering Levelers on Case

- Unit is shipped with temporary casters installed for ease of transport to location where unit will be set in place. Once unit is set in place, lower levelers until weight is no longer being supported by casters.



Ventilation Requirements

- All self-contained models require 24" unobstructed clearance above unit for proper ventilation. Failure to adhere will result in poor performance.
- Warranty claims due to improper ventilation will be denied.



Operating Instructions

TEMPERATURE CONTROL

Temperature is regulated by a digital control located behind removable front panel.

This control is activated by temperature sensors and is used to cycle the compressor on and off to maintain proper temperatures in the cabinet. This control is pre-set at the factory; this may be adjusted when colder or warmer temperature is needed. Consult RPI Industries, Inc. Service Department at 609-714-2330 for assistance **OR** services@rpiindustries.com



Stocking The Cabinet

STOCKING THE CABINET

After the equipment is running, it should be operated for a 24-hour period to bring the storage temperature to the proper temperature. This unit should not be turned off and on during the day.

The evaporator fans draw air from the storage area through the intake grille circulates it through the evaporator and discharges it up through the display section of the case and returns via the perforated grill at the front of the display deck. Be certain that products do not block air circulation vents and evaporator intake grill in storage compartment. Products must be refrigerated prior to loading unit.

Unit should be run for 24 hours, with shelves installed, before loading with product.

Load Level Recommendations: A space of 1.5 to 2.0 inches should be provided between the top of product and the bottom of the next shelf. In addition, product should be held back a minimum of 1 inch from the front air baffle.



Front Panel Removal / Cleaning Lamp / Main Power Switch

Always turn main power switch to the off position before servicing & maintenance of merchandiser

Front Grill Removal / Cleaning Lamp

- Front panel is a hassle free, magnetic liftoff style.
- Cleaning Lamp attached to front panel. Use caution when removing panel.
- Cleaning lamp intended to alert end user of possible dirty condenser coil. Keeping condenser coil inlet free of dust and debris is required for proper operation of merchandiser.

Main Power Switch

- Main power switch is located on the control box behind front panel.
- To access main power switch, remove front panel.
- Always turn main power switch to the off position before servicing/maintenance of merchandiser.



Condenser Package

- **Caution:** Only trained refrigeration technicians are to provide maintenance and/or service to unit.
- **Warning:** Always disconnect power before servicing equipment.

For more information regarding the condensing unit, scan the QR code below:



Maintenance Information

Cleaning

Case Exterior

Clean surfaces frequently with warm water and mild detergent. Tracks and sliding door fixtures should be cleaned and lubricated periodically. Do not use strong alkali solutions, steel wool, or abrasive cleaners.

Case Interior

All shelving and lower deck can be removed for cleaning. Check to make sure the drain(s) are not clogged. Clean interior with warm water and a mild detergent. A sanitizer should be used after washing to eliminate bacteria. Rinse thoroughly being careful not to flood drain system and the condensate evaporator pan heater. Avoid spraying water directly into electrical connections. **DO NOT USE A HIGH-PRESSURE WATER HOSE. MAKE SURE FANS AND LIGHTS ARE SHUT OFF WHEN CLEANING THE INTERIOR OF THE CASE.**

If the case is required to be moved from its original location to facilitate cleaning behind and / or underneath the unit; all product stored must first be removed from the case to storage. DO NOT move any unit, whether equipped with casters, legs, or levelers without first removing the product. Failure to do so can create an unsafe top-heavy condition that may result in bodily harm or physical property damage.

Note: Cases equipped with casters are NOT to be used as transport devices for product.

Plexiglas

Do not use strong alkali solutions, steel wool, and abrasive cleaners.

Evaporator Coil

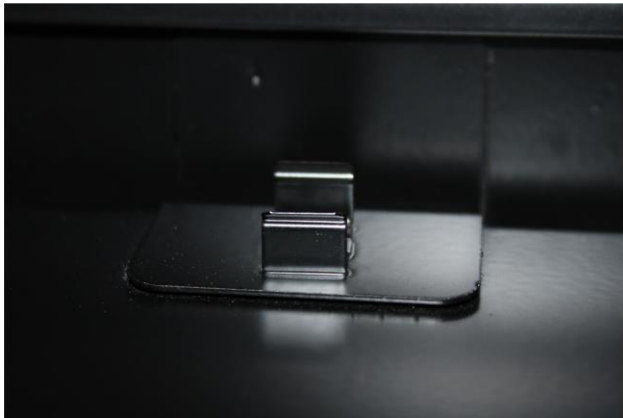
Clean if needed.

Condenser Coil

Failure to clean coils will void warranty. Clean condenser coil once a month or as needed with a whiskbroom or vacuum. Disconnect power when servicing. Fins on condenser coil are sharp!

LED Light Fixtures

Connection at light fixture can be easily separated for ease of fixture replacement.



Light fixtures attach to mounting clips on underside of shelving.

Caution

LED light wires run from light fixture, through back wall, and down to terminal block. Use caution when removing shelves, as fixture is attached to shelf.



Serial Tag Location / Nomenclature

Serial Tag Location

- RPI serial number tag located at top left corner of merchandiser.
- Product on top shelf may need to be removed for access of serial tag.

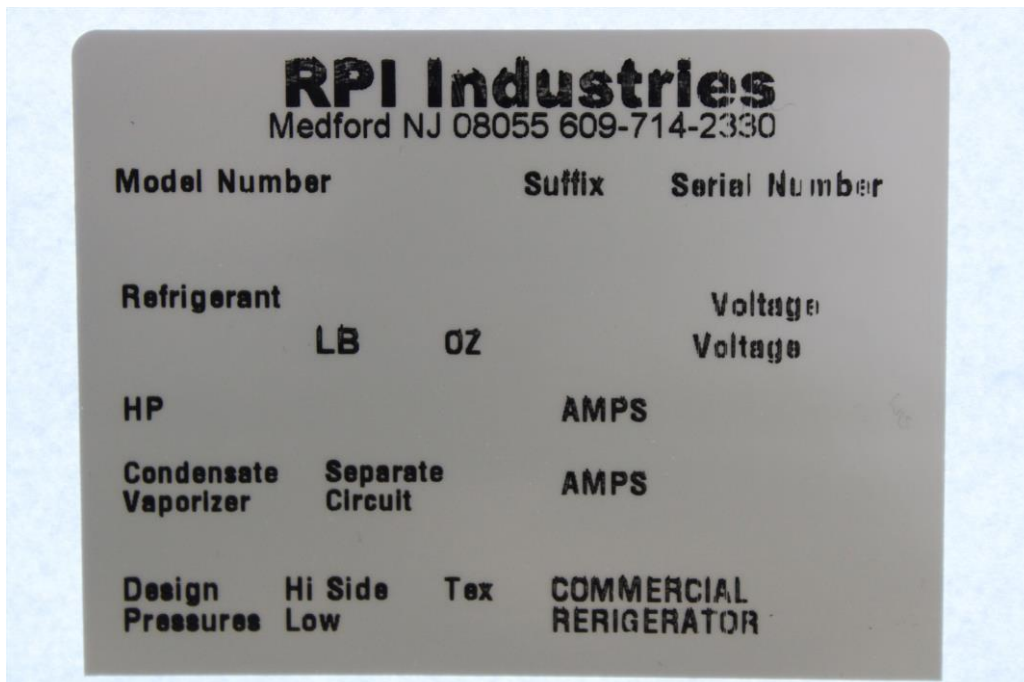
Nomenclature

- Serial number consists of 8 numbers, with the first 4 numbers representing month and year of manufacture.

08231234

Month Year

August 2023



Troubleshooting

Lights and Fans Turn On - Unit Not Cooling	<ul style="list-style-type: none">• Determine if proper voltage is being supplied to unit. <i>Refer to specifications page.</i>
Long Compressor Run Time/Case Not Holding Temperature	<ul style="list-style-type: none">• Determine if proper voltage is being supplied to unit.• Temperature may change during defrost cycle but will return to normal.• Loading non pre chilled product into unit will hinder units' ability to maintain temperature. Load only pre chilled product.• Check for dirty condenser coil.• Case to be run in environment not to exceed 80°F and 60%R.H.
System Not Operating	<ul style="list-style-type: none">• Determine if proper voltage is being supplied to unit.• Check that main power switch is turned to ON position.
Cleaning Lamp On	<ul style="list-style-type: none">• Check for dirty condenser coil and clean if needed.
Case Lights Not On	<ul style="list-style-type: none">• Check that light switch is in ON position.



Technical Service Contact Information / Warranty

Contact us Today for Assistance:

Warranty / Technical Service

Services@rpiindustries.com

Parts

Parts@rpiindustries.com

WARRANTY

PARTS: One Year



RPI Industries, Inc. warrants to the original purchasers, the equipment manufactured by it to be free from defects in material and workmanship under normal use and service within 12 months from the date of original shipment from the factory.

Any items returned to the factory must be authorized by RPI Industries, Inc. refrigeration service department and shipped prepaid. Replacements will be shipped collect.

This warranty does not include any materials, which have been subject to misuse, neglect, and damage in transit, accident, negligence, or alterations.

Warranty Information

LABOR: One Year



RPI Industries, Inc. warrants to the original purchasers, the equipment manufactured by it. RPI Industries, Inc. will, for a period of 12 months from the date of original shipment from the factory, pay the cost of labor for repairs and replacement of parts that it has determined to be defective.

This warranty does not include the cost of labor for initial installation, start-up, correction of improper installations, by contractors other than RPI Industries, Inc. misapplications, repair due to abuse and negligence, by buyer, modifications, normal adjustments, drive time to and from repair site. The cost-of-service labor reimbursed will be based on straight-time rate and reasonable time for the repair of defect.

This warranty does not include the cost of labor for initial installation, start-up, correction of improper installations, by contractors other than RPI Industries, Inc. misapplications, repairs caused by abuse and negligence, by buyer, modifications, normal adjustments, drive time to and from repair site, and freon recovery or freon add. The cost-of-service labor reimbursed will be based on straight-time rate and reasonable time for the repair of defect.

Warranty Information

MOTOR-COMPRESSOR: FIVE YEAR Warranty



RPI Industries, Inc. warrants to the original purchasers, that it will repair or exchange at our discretion at any time during the five years following the date of original shipment from the factory a motor-compressor or any part thereof is returned prepaid to nearest authorized jobber and is proved to our satisfaction to be inoperative due to defects in material or factory workmanship.

This warranty does not apply to: Any Electrical Controls, Condenser, Evaporator, Fan Motors, Overload Switch, Starting Relay, Temperature Control, Dryer, Accumulator, Wiring Harnesses or Labor.

Replacement of the motor-compressor assembly must receive prior approval from RPI Industries' Inc. service department. Purchaser must have model number, serial number and date of shipment.

No claims can be made against this warranty for spoilage of product.

These Warranties DO NOT apply to Remote (compressors or condensing units supplied by others)