

True GDM-49-HC~TSL01

True Manufacturing GDM-49-HC~TSL01 Glass Door Merchandiser User Manual

Model: GDM-49-HC~TSL01

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your True Manufacturing GDM-49-HC~TSL01 Glass Door Merchandiser. Please read these instructions thoroughly before operating the unit to ensure safe and efficient performance. Retain this manual for future reference.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power before servicing.

- Ensure the unit is properly grounded to prevent electrical hazards.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Only qualified service personnel should perform repairs.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove all packaging materials, including tape and protective film. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and your dealer.

3.2 Placement

Position the merchandiser on a strong, level surface capable of supporting its weight when fully loaded. Ensure adequate clearance around the unit for proper ventilation. Avoid direct sunlight or proximity to heat-generating equipment.



Figure 1: Front view of the True Manufacturing GDM-49-HC~TSL01 Glass Door Merchandiser.

3.3 Leveling

Use a level to ensure the unit is perfectly level. Adjust the leveling feet at the bottom of the unit as needed. Proper leveling is crucial for door alignment and efficient operation.

3.4 Electrical Connection

Connect the merchandiser to a dedicated, properly grounded electrical outlet. Refer to the unit's data plate for specific voltage and amperage requirements. Do not use extension cords.

3.5 Shelf Installation

The unit comes with 8 adjustable wire shelves. Install them by inserting the shelf clips into the desired slots on the vertical pilasters inside the cabinet. Ensure all clips are securely seated and the shelves are level before loading products.



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Project Name: _____

Location: _____

Item #: _____ Qty: _____

Model #: _____

AIA #

SIS #

Model:

GDM-49-HC~TSL01

Glass Door Merchandiser:

Swing Door Refrigerator with Hydrocarbon Refrigerant~True Standard Look Version 01



GDM-49-HC~TSL01

- ▶ The world's #1 manufacturer of glass door merchandisers.
- ▶ Factory engineered, self-contained, capillary tube system using environmentally friendly R290 hydro carbon refrigerant that has zero (0) ozone depletion potential (ODP), & three (3) global warming potential (GWP).
- ▶ High capacity, factory balanced, refrigeration system holds 33°F to 38°F (5°C to 3.3°C) for best food preservation in extreme conditions.
- ▶ Exterior - non-peel or chip black powder coated cold rolled steel; durable and permanent.
- ▶ Interior - attractive, NSF approved, white aluminum interior liner with stainless steel floor.
- ▶ Double pane thermal insulated glass swing doors. Black powder coated.
- ▶ Self closing doors. Positive seal, torsion type closure system.
- ▶ LED interior lighting provides more even lighting throughout the cabinet. Safety shielded.
- ▶ Entire cabinet structure is foamed-in-place using a high density, polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).

Bottom mounted units feature:

- ▶ "No stoop" lower shelf to maximize product visibility.
- ▶ Storage on top of cabinet.
- ▶ Easily accessible condenser coil for cleaning.

Exterior Color Options



Standard Black Exterior



Optional White Exterior



Optional Stainless Exterior

ROUGH-IN DATA

Specifications subject to change without notice.
Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

Model	Doors	Shelves	Cabinet Dimensions (inches) (mm)			HP	Voltage	Amps	NEMA Config.	Cord Length (total ft.) (total m)	Crated Weight (lbs.) (kg)
			W	D†	H						
GDM-49-HC~TSL01	2	8	54 7/8 1375	29 7/8 759	78 5/8 1998	1/2 N/A	115/60/1	7.3 N/A	5-15P	9 2.74	465 211

† Depth does not include 1 1/2" (42 mm) for door handles.



APPROVALS:

AVAILABLE AT:

6/19

Printed in U.S.A.

Figure 2: Technical drawing illustrating dimensions and features of the GDM-49-HC~TSL01.

4. OPERATING INSTRUCTIONS

4.1 Initial Start-up

After connecting to power, allow the unit to run for several hours empty to reach its operating temperature before

loading products. The factory-set temperature range is typically 33°F to 38°F (0.5°C to 3.3°C).

4.2 Temperature Control

The merchandiser features an electronic control system. Adjust the temperature settings using the digital display and buttons, typically located on the front or side of the unit. Refer to the control panel instructions for precise adjustments.

4.3 Loading Products

Load products evenly on the shelves, ensuring not to block the internal airflow or exceed the shelf weight capacity. Avoid placing items directly against the back wall to maintain proper air circulation.

4.4 Door Operation

The unit is equipped with self-closing glass doors. Ensure doors close completely after each use to maintain internal temperature and energy efficiency. The doors feature a positive seal torsion type closure system.

5. MAINTENANCE

5.1 Cleaning the Interior

Regularly clean the interior surfaces with a mild soap and water solution. Rinse thoroughly and dry with a clean cloth. Do not use abrasive cleaners or sharp objects that could damage the surfaces.

5.2 Cleaning the Exterior

Wipe down the exterior with a soft cloth and mild detergent. For stainless steel surfaces, use a non-abrasive cleaner designed for stainless steel, wiping in the direction of the grain.

5.3 Condenser Coil Cleaning

The condenser coil should be cleaned regularly (monthly or quarterly, depending on environment) to ensure optimal performance and energy efficiency. Disconnect power before cleaning. Use a stiff brush or vacuum cleaner to remove dust and debris from the coil. An easily accessible condenser coil is located at the bottom front of the unit.

5.4 Gasket Inspection

Periodically inspect the door gaskets for tears or damage. Ensure they form a tight seal when the doors are closed. Replace damaged gaskets promptly to prevent air leakage and maintain efficiency.

5.5 Automatic Defrost

This unit features an automatic defrost system, eliminating the need for manual defrosting. Ensure the drain pan is clear and free of obstructions.

6. TROUBLESHOOTING

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit not cooling	Power supply issue, thermostat setting, dirty condenser coil, blocked airflow	Check power connection, adjust thermostat, clean condenser, ensure proper loading.
Excessive noise	Loose components, fan obstruction, unit not level	Inspect for loose parts, clear fan area, level the unit.

Problem	Possible Cause	Solution
Doors not closing properly	Obstructed hinges, damaged gaskets, unit not level	Clear obstructions, inspect/replace gaskets, level the unit.
Water on floor	Clogged drain line, excessive humidity	Clear drain line, ensure doors are closed, check ambient humidity.

If problems persist after attempting these solutions, contact a qualified service technician.

7. SPECIFICATIONS

The True Manufacturing GDM-49-HC~TSL01 is designed for commercial use, offering reliable refrigeration for various products.

Feature	Detail
Brand	True
Model Info	GDM-49-HC~TSL01
Item Weight	630 pounds
Product Dimensions	29.88 x 54.13 x 78.63 inches
Installation Type	Freestanding
Form Factor	Compact
Color Options	Black Standard, Optional White, Optional Stainless
Racks / Shelves	8 Wire Shelves
Defrost System	Automatic
Door Hinges	Reversible
Door Material Type	Glass
Certification	NSF
Number Of Doors	2
Refrigerant	R-290

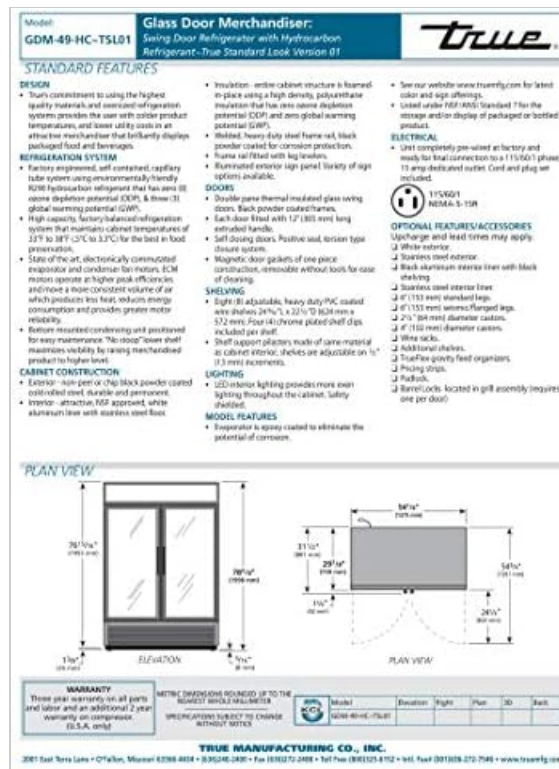


Figure 3: Detailed specifications and plan view diagrams for the GDM-49-HC~TSL01.

8. WARRANTY AND SUPPORT



True Manufacturing provides a comprehensive warranty for this product. For specific warranty terms and conditions, please refer to the warranty card included with your unit or visit the official True Manufacturing website. For technical support, parts, or service inquiries, please contact your authorized True dealer or True Manufacturing customer service directly. Ensure you have your model number (GDM-49-HC~TSL01) and serial number available when contacting support.

True Manufacturing Contact Information:

Website: www.truemfg.com

Phone: Refer to your product documentation for regional contact numbers.

Related Documents - GDM-49-HC~TSL01

	<p>True GDM-05PT-S-HC~FGD01 Glass Door Merchiser Refrigerator Spec Sheet</p> <p>Explore the specifications and features of the True GDM-05PT-S-HC~FGD01 Glass Door Merchiser Refrigerator. This unit offers efficient R290 hydrocarbon refrigeration, stainless steel construction, LED lighting, and a pass-thru design for commercial foodservice applications.</p>
	<p>True GDM/T-Series Scientific Installation Manual</p> <p>Comprehensive installation manual for True GDM/T-Series Scientific refrigerators and freezers, detailing safety, setup, operation, and maintenance procedures for optimal performance and longevity.</p>



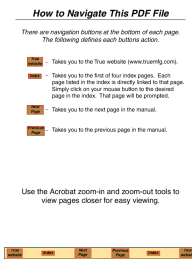
[True GDM-19T-HC~TSL01 Glass Door Merchandiser: Features, Specifications, and Dimensions](#)

Comprehensive details on the True GDM-19T-HC~TSL01 glass door merchandiser, a self-contained unit featuring R290 hydrocarbon refrigerant, LED lighting, and robust construction. Includes technical specifications, dimensions, warranty information, and optional accessories for commercial food service.



[True Manufacturing Installation Manual & Quick Start Guide for General Models](#)

This installation manual and quick start guide from True Manufacturing Co., Inc. provides essential information for the safe and effective installation, operation, and maintenance of their general model refrigeration appliances. It covers safety warnings, specifications, installation procedures, and maintenance recommendations.



[True Commercial Refrigeration Service Manual](#)

Comprehensive guide for True commercial refrigeration units covering installation, maintenance, troubleshooting, and warranty from True Manufacturing Company, Inc.



[True: Общее руководство по обслуживанию коммерческого холодильного оборудования](#)

Подробное руководство по обслуживанию коммерческого холодильного оборудования True, охватывающее эксплуатацию, диагностику и расположение компонентов различных типов терморегуляторов.