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› Dukers DSM-48R 48.7 cu. ft. Commercial Glass Swing 2-Door Merchandiser Refrigerator Instruction Manual

Dukers DSM-48R

Dukers DSM-48R 48.7 cu. ft. Commercial Glass Swing 2-Door Merchandiser Refrigerator Instruction Manual

Model: DSM-48R | Brand: Dukers

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Dukers DSM-48R Commercial Glass Swing 2-Door Merchandiser Refrigerator. Please read this manual thoroughly before using the appliance and retain it for future reference.



Image: Front view of the Dukers DSM-48R Commercial Glass Swing 2-Door Merchandiser Refrigerator.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. This appliance is designed for commercial use only.

- Ensure the unit is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings 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 personnel should service this appliance.

UNPACKING AND INSTALLATION

Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any shipping damage. Report any damage immediately to the carrier and your dealer.

Placement

Place the unit on a strong, level surface capable of supporting its weight (approximately 385 lbs). Ensure adequate ventilation around the unit, especially near the bottom-mounted compressor. Avoid direct sunlight or heat sources.

Movement

The unit is equipped with 4 locking swivel casters (3 inches) for easy movement and positioning. Engage the stabilizing breaks on the casters once the unit is in its final position to prevent unintended movement.

Electrical Connection

This commercial refrigerator comes with a NEMA 5-15P plug for simple plug-in installation. Ensure the electrical outlet meets the unit's requirements: 115V/60Hz, 9.8 Amps, 690 watts. The power cord is 9 ft long.

OPERATION

Temperature Control

The unit features digital temperature controls with an LED display for precise adjustment. The temperature range is approximately 32°F to 50°F. Refer to the specific controller manual for detailed instructions on setting the desired temperature.

Lighting

Super bright LED lighting illuminates the interior, making merchandise easily visible. There is also a backlit marquee for additional display.

Shelving

The refrigerator includes 10 adjustable and removable wire shelves (5 on each side) to accommodate various merchandise sizes. Ensure shelves are securely placed before loading products.

MAINTENANCE

Cleaning

Regular cleaning of the interior and exterior surfaces is recommended. Use a mild detergent and warm water. For glass doors, use a non-abrasive glass cleaner. Ensure the unit is unplugged before cleaning.

Defrosting

The unit features automatic defrosting. This system manages ice buildup, eliminating the need for manual defrosting under normal operating conditions.

Condenser Coil

The bottom-mounted 3/5 HP compressor is designed for efficiency. Periodically clean the condenser coils to ensure optimal performance and energy efficiency. A louver panel for the compressor facilitates heat dissipation.

Drainage System

The automatic drainage and evaporation system handles condensate water. Ensure the drainage path is clear of obstructions.

TROUBLESHOOTING

Before contacting service, check the following common issues:

- **Unit not powering on:** Check power cord connection and circuit breaker.
- **Temperature too high:** Ensure doors are closed properly, condenser coils are clean, and there is adequate ventilation. Verify temperature settings.
- **Excessive noise:** Check for loose components or obstructions around the fan.

For issues not resolved by these steps, contact qualified service personnel.

SPECIFICATIONS



DUKERS
Commercial Refrigeration Equipment



DUKERS
Quality Commercial Refrigeration



GLASS DOOR MERCHANDISER

DSM-48R

2-Door / Glass / Swing / Refrigerator



TECHNICAL SPECIFICATIONS

Voltage/Frequency
115V/60Hz

Refrigerant
R290

Type of Defrost
Automatic

Interior Finish
White

Exterior Finish
Black

Temperature Range °F
33 ~ 40°F

Compressor Power (HP)
1/2 -

Nema Config.
NEMA5-15P

PRODUCT FEATURES

- The compressor is mounted in the bottom for better heat evaporation.
- Digital temperature controls with LED display for precise adjustment and automatic defrosting system.
- Temperature Range 33 ~ 40°F, with auto defrost function, which ensures optimal performance day-in and day-out.
- R290 Natural Refrigerant promotes faster cool down and efficient energy consumption.
- Interior and canopy LED light with switch on the right side to always show your products at their best.
- High quality coated stainless adjustable shelves prevent peel and rust.
- Anti-fogging tempered glass door helps ensure a crystal clear view of the interior.

HIGH QUALITY & ROBUST DESIGN



DUKERS

Los Angeles | San Francisco | Dallas
Houston | Florida | Chicago | New Jersey

1-800-931-8628

@info@dukersusa.com

www.DukersUSA.com

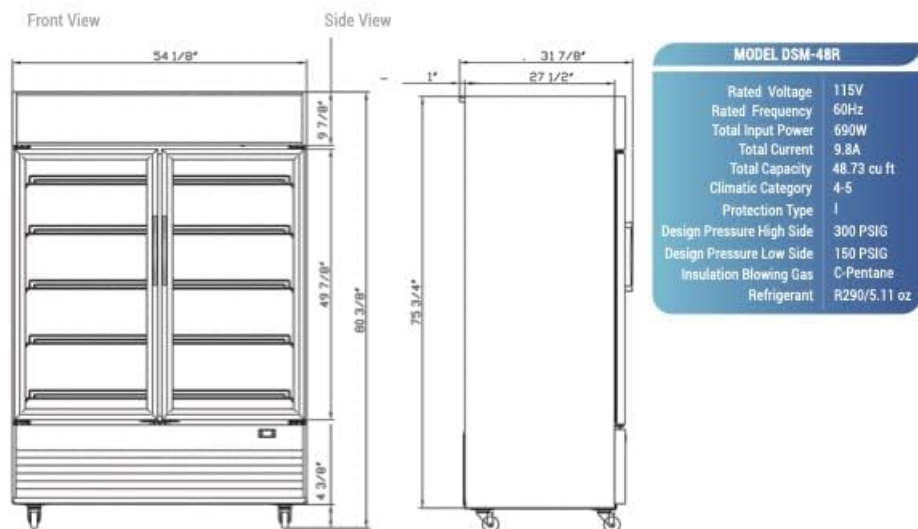
Image: Technical specifications and features of the Dukers DSM-48R.

Feature	Detail
Brand	Dukers
Model	DSM-48R
Capacity	48.73 Cubic Feet
Product Dimensions (D x W x H)	31.8" x 54.1" x 79.5"
Item Weight	385 Pounds
Number of Doors	2
Door Material Type	Glass (Anti-fogging tempered glass)

Feature	Detail
Shelves	10 adjustable and removable wire shelves (5 on each side)
Temperature Range	32°F to 50°F (approx.)
Defrost System	Automatic
Compressor	Heavy-duty 3/5 HP bottom mounted
Refrigerant	R290 Natural Refrigerant
Voltage	115V/60Hz
Amperage	9.8 Amps
Wattage	690 watts
Power Cord	9 ft. with NEMA 5-15P plug
Noise Level	45 Decibels
Special Features	4 locking swivel casters, Digital temperature controls with LED display, Interior LED lighting, Backlit marquee
Certifications	NSF/ANSI 7, ETL Listed / ETL Sanitation

DETAILS & SPECIFICATIONS

DSM-48R



MODEL	EXTERNAL DIMENSION WXDXH (INCHES)	PACKAGING DIMENSION WXDXH (INCHES)	PRODUCT NET WEIGHT	# OF SHELVES	40HQ CONTAINER CERT.
DSM-48R	54 1/8 x 31 7/8 x 80 3/8	56 1/8 x 32 7/8 x 82 3/8	385 lbs	10	



Los Angeles | San Francisco | Dallas
Houston | Florida | Chicago | New Jersey

1-800-931-8628

info@dukersusa.com

www.DukersUSA.com

Image: Detailed dimensions diagram for the Dukers DSM-48R.

WARRANTY AND SUPPORT

Manufacturer Warranty for commercial locations only:

- 2 year parts and labor
- 5 year on compressor

For warranty claims or technical support, please refer to the contact information provided by your dealer or the manufacturer's official website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question