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Dometic DM2882RBF1

Dometic Americana II Plus 8 cu. ft. Two-Way Absorption Refrigerator User Manual

Model: DM2882RBF1

1. PRODUCT OVERVIEW

The Dometic Americana II Plus is an 8 cubic foot two-way absorption refrigerator designed for recreational vehicle use. It features a solid steel frame, improved electronic controls, and flexible storage options. This refrigerator operates on either AC electricity or LP gas, offering versatility for various power sources.

Key Features:

- Electronic controls conveniently located at eye level for easy access.
- Ergonomic handle with a "click lock" sound to confirm the door is securely closed.
- Automatic two-way power selection, allowing operation on AC electricity or LP Gas.
- Energy-efficient LED light illuminates the food compartment, providing 30% brighter illumination.
- Flexible shelf system and adjustable door bins for customizable storage.
- Superior-grade seals and magnets to minimize frost buildup.



Figure 1.1: Front view of the Dometic Americana II Plus Refrigerator.

2. SAFETY INFORMATION

Read all safety warnings and instructions carefully before installing, operating, or performing maintenance on this appliance. Failure to follow these instructions may result in property damage, personal injury, or death.

General Safety Precautions:

- Ensure adequate ventilation around the refrigerator to prevent overheating and ensure proper gas combustion.
- Always turn off the LP gas supply and disconnect AC power before performing any service or maintenance.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep children away from the refrigerator, especially when the door is open, to prevent entrapment.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Handle with care and wash hands after contact.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your Dometic refrigerator. This unit is designed for freestanding installation within an RV environment.

Dimensions and Clearance:

The overall dimensions of the refrigerator are approximately 24-7/8 inches (W) x 26 inches (D) x 60-13/16 inches (H). Ensure sufficient clearance for ventilation and door swing. Refer to the detailed dimension diagram for precise measurements.



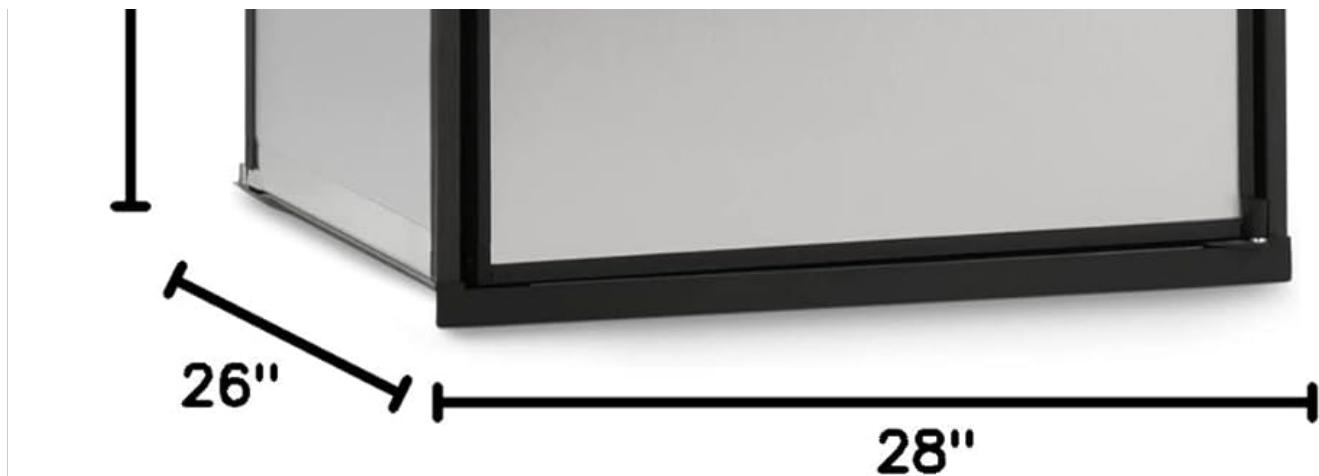


Figure 3.1: Refrigerator dimensions (Width: 28", Depth: 26", Height: 62"). Note: Specific model dimensions may vary slightly; refer to the product specifications for exact measurements.

Door Hinge Reversal:

The refrigerator comes with a right-hand hinge configuration. Reversible hinges allow for quick and easy modification to a left-hand swing if desired. Consult the full installation manual for detailed instructions on reversing the door hinges.

Door Panels:

Please note that optional decorative door insert panels are not included with the refrigerator and must be purchased separately.

4. OPERATING INSTRUCTIONS

Your Dometic Americana II Plus refrigerator is designed for user-friendly operation with automatic power selection and precise temperature control.

Power Selection:

The unit features automatic two-way power selection, operating on either 120V AC electricity or LP Gas. The system will automatically switch to the available power source, prioritizing AC when connected.

Controls:

The electronic controls are conveniently located at eye-level for easy adjustment and monitoring. The automatic LP electronic ignition, with temperature control, is preset for optimal cooling performance.

Door Operation:

The ergonomic handle provides a secure grip. When closing the door, listen for the distinct "click lock" sound, which assures you that the door is securely latched, preventing accidental opening during travel.

Interior Features:

The fresh food compartment is illuminated by an energy-efficient LED light, providing bright visibility. The interior includes a flexible shelf system and adjustable door bins, allowing you to customize storage space to fit various items.



Figure 4.1: Interior view of the refrigerator, highlighting the spacious shelves and adjustable door bins.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Dometic refrigerator.

Cleaning:

- Clean the interior and exterior surfaces regularly with a mild detergent and warm water. Avoid abrasive cleaners or solvents.
- Wipe down door seals to ensure they remain clean and pliable, maintaining an airtight seal.

Frost Management:

The refrigerator features superior-grade seals and magnets designed to minimize frost buildup. If frost accumulates, manually defrost the unit by turning it off and allowing the ice to melt. Ensure the drain is clear to allow water to escape.

Thermostat Access:

The thermostat is accessible from behind the freezer door for service or adjustment by qualified personnel.

6. TROUBLESHOOTING

If you encounter issues with your refrigerator, refer to the following common troubleshooting steps. For complex problems, contact Dometic customer support or a certified technician.

Common Issues and Solutions:

• Refrigerator Not Cooling:

Check if the unit is receiving power (AC or LP Gas). Ensure the gas valve is open and the LP tank has fuel. Verify that the temperature setting is appropriate. Ensure proper ventilation around the unit.

• Excessive Frost Buildup:

Check door seals for proper closure and damage. Avoid frequently opening the door. Ensure food items are not blocking air circulation.

• Unusual Noises:

Absorption refrigerators operate silently. If you hear unusual noises, ensure the unit is level and free from obstructions. Contact support if noises persist.

• Door Not Latching:

Inspect the door handle and latch mechanism for any obstructions or damage. Ensure the refrigerator is level.

7. SPECIFICATIONS

Detailed technical specifications for the Dometic Americana II Plus Refrigerator, Model DM2882RBF1.

Specification	Value
Model	DM2882RBF1
Description	Absorption Refrigerator, 8 cu.ft., right hinged, premium controls, fan
Dimensions (W x D x H)	24-7/8" x 26" x 60-13/16"
Total Storage Volume	7.31 cu.ft.
Fridge Storage	5.6 cu.ft.
Freezer Storage	1.7 cu.ft.
Net Weight	124 lbs.

Specification	Value
Input Voltage	120V AC / 12V DC
Rated Input Current (AC)	2.7 A
Rated Input Power (AC)	440 W
Power Consumption on Gas	1500 BTU/h
Thermostat	Electronic control
Hinge	Right hinged (reversible)
Defrost System	Automatic
Certification	CSA

8. WARRANTY INFORMATION

For detailed warranty information regarding your Dometic Americana II Plus Refrigerator, please refer to the warranty card included with your product packaging or visit the official Dometic website. Warranty terms and conditions may vary by region and purchase date.

9. SUPPORT

Should you require further assistance, technical support, or have questions not covered in this manual, please contact Dometic customer service.

Contact Dometic:

- Visit the official Dometic website for support resources, FAQs, and contact information.
- Refer to your product documentation for specific customer service phone numbers or email addresses.