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Procool Creative Cooling Solutions CSD-1000-CB

Procool CSD-1000-CB 35.3 Cu. Ft. 2-Door Commercial Display Refrigerator User Manual

Model: CSD-1000-CB

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation of your Procool CSD-1000-CB 35.3 cubic foot 2-door commercial display refrigerator. Designed for commercial use, this unit features glass doors, LED lighting, and a robust cooling system to showcase and preserve beverages or other merchandise. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1.1: Procool CSD-1000-CB 2-Door Commercial Display Refrigerator. This image shows the full front view of the white two-

door display refrigerator with a 'Cold Beverages' canopy, filled with various drinks on its shelves.

2. SAFETY INFORMATION

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

- Ensure the unit is properly grounded.
- Do not operate the unit with a damaged power cord or plug.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Only qualified personnel should perform repairs.
- Unplug the unit before cleaning or performing maintenance.

3. SETUP AND INSTALLATION

Proper setup ensures optimal performance and longevity of your refrigerator.

3.1 Unpacking

Carefully remove all packaging materials. The unit comes with casters (attached), 8 shelves, and 32 shelf clips. Inspect the unit for any shipping damage.

3.2 Placement

Place the refrigerator on a flat, stable surface. Ensure adequate clearance around the unit for proper ventilation (at least 4 inches from walls). This is a freestanding unit. Avoid direct sunlight or heat sources.

3.3 Leveling

The unit is equipped with 4 front-locking casters. Ensure the refrigerator is level by adjusting the casters. Lock the front casters to prevent movement.

3.4 Power Connection

Connect the unit to a dedicated 110 Volt electrical outlet. Do not use extension cords or adapters.

3.5 Initial Cleaning

Before loading products, clean the interior with a mild detergent and water. Wipe dry thoroughly.

Smart Features

Built-In Performance

Lighted Canopy

Tagline: Cold Beverages

Double-Paned Tempered Glass

Beautifully displays contents and keeps them insulated and safe

Advanced Cooling Tech

Auto defrost and self evaporating water tray

Eco-Friendly R290

Saves energy, reduces impact



8 Adjustable Shelves

Flexible storage and organization



Figure 3.1: Smart Features of the Refrigerator. This image highlights key features including LED lights, dual fans for air circulation, a lock and key for security, and a digital controller for temperature management.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features for optimal product display and preservation.

4.1 Temperature Control

The refrigerator features a digital control screen for precise temperature management. The temperature can be set between 34°F and 50°F (1°C to 10°C). Allow the unit to reach the desired temperature before loading products.

4.2 LED Lighting

The interior LED lighting and the canopy lightbox have separate switches, allowing you to control illumination independently. This enhances product visibility.

4.3 Adjustable Shelves

The unit includes 8 wire shelves and 32 shelf clips. The shelf support rails are numbered, making it easy to adjust and level

shelves to accommodate various product heights and sizes.

4.4 Door Operation

The two glass doors are self-closing to maintain internal temperature and are lockable for security. Ensure doors close completely after each use.



Figure 4.1: Refrigerator in a Retail Setting. This image shows the display refrigerator in a retail environment, emphasizing its design for product visibility and consistent cooling to maintain freshness.

5. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your refrigerator.

5.1 Cleaning

Clean the white aluminum interior regularly with a mild, non-abrasive cleaner and a soft cloth. The exterior can be wiped with a damp cloth. Ensure the unit is unplugged before cleaning.

5.2 Defrost System

This unit features programmable auto-defrost, minimizing the need for manual defrosting. The self-evaporating water tray handles condensate.

5.3 Air Circulation

The internal cooling fan ensures even temperature distribution. Keep the internal fans clear of obstructions to maintain optimal air circulation.

5.4 Door Seals

Regularly inspect door gaskets for wear and tear. Clean them to ensure a tight seal, which is crucial for energy efficiency.

PROCOOL
CREATIVE COOLING SOLUTIONS

Premium Cooling Power

2 GLASS DOOR DISPLAY COOLER

PRECISE, CONSISTENT COOLING

SLEEK GLASS DOORS

COMMERCIAL-GRADE BUILD

Figure 5.1: Premium Cooling Power Features. This image highlights the precise, consistent cooling system, sleek glass doors, and commercial-grade build of the refrigerator.

6. TROUBLESHOOTING

Refer to this section for common issues and their potential solutions.

Problem	Possible Cause	Solution
Unit not cooling	Power supply issue, thermostat setting, door not sealed.	Check power connection, adjust thermostat, ensure doors are closed and seals are intact.
Excessive noise	Unit not level, fan obstruction, compressor issue.	Level the unit, clear fan area, contact support if noise persists.
Water on floor	Drainage issue, excessive humidity, door left open.	Check drain pan, ensure doors are closed, reduce humidity if possible.
Temperature fluctuation	Frequent door openings, ambient temperature, fan obstruction.	Minimize door openings, ensure proper ventilation, clear fan area.

If problems persist after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Procool CSD-1000-CB refrigerator.

Brand: Procool Creative Cooling Solutions

Model: CSD-1000-CB

Capacity: 35.3 Cubic Feet

Dimensions (D x W x H): 28.5" x 45" x 80"

Item Weight: 357 Pounds

Voltage: 110 Volts

Annual Energy Consumption: 1226 Kilowatt Hours Per Year

Defrost System: Automatic

Number of Doors: 2 (Swing Doors)

Door Material Type: Glass (Double-paned, outer tempered)

Shelf Type: Wire (8 shelves included, 32 shelf clips)

Temperature Range: 34°F to 50°F (with 6°F differential)

Noise Level: Approximately 55-60 dB

Refrigerant: R290 (Eco-Friendly)

Special Features: Adjustable Shelves, Automatic Defrost, Digital Temperature Control, Door Lock, LED Lights

Certifications: ETL Approved, DOE Compliant, Conforms to NSF Std7

Included Components: Casters (attached), Shelf Clips (32), Shelves (8)



2 GLASS DOOR DISPLAY COOLER

CAPACITY 35.3 cu. ft.
(Holds ~1200 cans)

NOISE LEVEL Commercial Standard:
~55-60db

TEMP RANGE 34°F to 50°F with 6°
Temp Differential

LIGHTING White LED Interior
Light with Separate
Switch

FEET TYPE 4 Front-Locking
Casters

LIGHTED CANOPY Tagline:
Cold Beverages
Features Seperate
Light Switch



Figure 7.1: Key Specifications and Dimensions. This graphic summarizes the capacity, noise level, temperature range, lighting, feet type, and lighted canopy details, along with a diagram showing the refrigerator's dimensions.

8. WARRANTY AND SUPPORT

Procool Creative Cooling Solutions is an American-owned and operated company committed to providing quality products and customer service.

8.1 Warranty Information

Your Procool refrigerator is backed by US-based customer service with fast in-house warranty support. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact customer service.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact our highly trained, onsite support team. Contact information can be found on our official website or the product packaging.

The Procool Difference

Based in Pleasant Prairie, WI, we proudly serve bars, restaurants, retail shops, and homes with commercial-grade refrigeration and personal support.

WE KEEP YOU COOL — AND COVERED.



**English Speaking
U.S. Support
Team**



**In-House
Warranty &
Service
Handling**



**Fast
Fulfillment &
Reliable
Shipping**



**Family
Owned &
Operated in
Wisconsin**

Figure 8.1: The Procool Difference. This image highlights the company's commitment to English-speaking U.S. support, in-house warranty and service handling, fast fulfillment and reliable shipping, and being a family-owned and operated business in Wisconsin.

8.3 Official Product Videos

Your browser does not support the video tag.

Video 8.1: Procool Customer Experience. This video provides an overview of the customer support experience offered by Iron Mountain Refrigeration & Equipment LLC, highlighting their responsive and trained team.

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Video 8.2: Procool Refrigeration Double Door Commercial Display Cooler. This video showcases the double-door commercial display cooler, demonstrating its features and design.