



REFRIGERATED DELI CASE

USER MANUAL



Models: BDC-908CUS, BDC-1208CUS, BDC-2108CUS

Please read this manual thoroughly prior to equipment setup, operation and maintenance.



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Warnings

Danger - RISK OF FIRE OR EXPLOSION. FLAMMABLE REFRIGERANT USED. TO BE REPAIRED ONLY BY TRAINED SERVICE PERSONNEL. DO NOT PUNCTURE REFRIGERANT TUBING.

Caution - CONSULT MANUAL BEFORE ATTEMPTING TO SERVICE THIS PRODUCT. ALL SAFETY PRECAUTIONS MUST BE FOLLOWED.

Installation

This deli case is intended for use in a temperature-controlled environment of less than 75°F and 55% relative humidity. Malfunction due to improper conditions is not covered under warranty.

Before Installation

- If the deli case has recently been transported on its side, please let the unit stand upright for a minimum of 24 hours before plugging it in.
- Make sure that there is proper ventilation around the unit in the area where it will operate.
- Make sure all accessories are installed (i.e., shelves, shelf clips, casters) before plugging the unit in.
- Do not attempt to remove or repair any component of the deli case. Consult an authorized service technician for servicing/repair.
- The deli case should be located away from doors, air ducts, and fans that could disrupt airflow and negatively impact performance.

Deli Case Location

1. Install the deli case on a solid level surface.
 - If the surface is uneven, the unit may be noisy.
 - The unit may malfunction if the surface is uneven.
2. Install the deli case in an indoor, well-ventilated area.
 - For best performance, please maintain clearance of 6" on the back of the unit.
 - Do not use the deli case outdoors.
 - For indoor use only, avoid direct sunlight.
3. Avoid installation in a high humidity or a dusty area.
 - Humidity above 55% can cause the unit to rust, collect condensation, and may decrease efficiency.
 - Dust collected on condenser coil will cause unit to malfunction.
 - Malfunction due to temperatures above 75° Fahrenheit, humidity above 55%, or improperly maintained condenser coil will void the warranty.
4. Select a location away from heat and moisture-generating equipment.
 - Ambient temperatures above 75° Fahrenheit may cause the compressor to malfunction.
 - Malfunction due to ambient temperatures above 75° Fahrenheit will void the warranty.
 - Do not install the unit inside a closet or alcove.

Electrical

- Ensure that the required voltage is being supplied at all times.
- The deli case should be plugged into a grounded and properly sized electrical outlet with appropriate overcurrent protection. Refer to the electrical requirements on the unit's nameplate.
- The deli case should have its own dedicated outlet.
- DO NOT use extension cords.
- Ensure the deli case is not resting on or against the electrical cord.
- If the deli case is not in use for an extended period, unplug from the outlet.
- To avoid shock and fire hazards, DO NOT plug in or unplug the unit with wet hands.
- After unplugging the unit, wait at least 10 minutes before plugging it back in. Failure to do so could cause damage to the compressor.

Temperature Controls

Adjusting the Temperature

- Your new refrigerator is already factory set to run at optimum temperatures for food safety and should require no adjustments.
- Refrigerators are set to cycle between a minimum temperature of 33°F and a maximum temperature of 40°F.
- Adjusting the temperature changes the minimum temperature at which your unit will run.

Defrost System

Automatic Defrost Cycle

- Refrigerator coils are kept below the freezing point (32°F)
- During compressor downtime, the evaporator fan continues to circulate air through the evaporator coil. This air circulation raises the coil temperature above the freezing point, melting any accumulated frost.
- Run-off water is drained into the evaporator pan and evaporated.
- Automatic defrost timers are initiated at pre-set intervals and for a pre-determined duration.

Safety Information

Pay close attention to the safety notices in this section. Disregarding these notices may lead to severe injury and/or damage to the unit.

- To minimize shock and fire hazards, be sure to not overload the outlet. This deli case should have its own dedicated outlet.
- DO NOT put your hands under the unit while it is being moved.
- Unplug the unit before performing maintenance or cleaning.
- To minimize shock and fire hazards, make sure that the unit is properly grounded.
- DO NOT attempt to remove or repair any component unless instructed by the manufacturer.
- DO NOT attempt to alter or tamper with the electrical cord.
- DO NOT use the unit if the power cord is damaged.

Operation/Maintenance

Loading Product

- DO NOT block the air vents.
- Ensure all shelves are sitting level and properly secured before loading products.
- Ensure there is at least 4" of clearance from the evaporator.

Cleaning the fan blades and motor

- If necessary, clean the fan blades and motor with a soft cloth.
- If it is necessary to clean the fan blades more thoroughly, cover the fan motor to prevent moisture damage.

Cleaning the Interior of the Unit

- When cleaning the cabinet interior, use a solvent of warm water and mild soap.
- DO NOT use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the interior finish.
- Periodically remove the shelves and shelf brackets from the unit and clean them with mild soap and warm water.

Importance of Cleaning the Condenser Coil

- For efficient operation, keep the condenser surface free of dust, dirt, and lint.
- We recommend cleaning the condenser coil at least once per month.
- A dusty condenser may lead to high energy consumption, less cooling effectiveness, and compressor damage.

Cleaning the Condenser Coil Instructions

1. Disconnect the electrical power from the unit.
2. Remove the front cover and base cover with a screwdriver.
3. Using a soft brush and/or vacuum, remove the dirt and lint from the finned condenser coil in a vertical direction.
4. Clean the condenser with a commercial condenser coil cleaner, available from any kitchen equipment retailer.
5. After cleaning, straighten any bent condenser fins with a fin comb.
6. When finished, be sure to reinstall the front cover and base cover.
7. Reconnect the electrical power to the unit.

Troubleshooting

Problem	Possible Cause	Possible Solution
Compressor not running.	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Power cord unplugged.	Plug in power cord.
	Thermostat set too high.	Set thermostat to lower temperature.
	Cabinet in defrost cycle.	Wait for defrost cycle to finish.
Condensing units run for long periods of time.	Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
	Prolonged door opening or door ajar.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Dirty condenser coil.	Clean the condenser coil.
	Evaporator coil iced over.	Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly.
Cabinet temperature is too warm.	Thermostat set too warm.	Set thermostat to lower temperature.
	Airflow blocked.	Re-arrange product to allow for proper air flow. Make sure there is at least four inches of clearance from evaporator.
	Excessive amount of warm product placed in cabinet.	Allow adequate time for product to cool down.
	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Dirty condenser coil.	Clean the condenser coil.
	Evaporator coil iced over.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Low refrigerant levels.	Contact a service technician to check refrigerant levels.
	Door is slightly ajar.	Make sure door is completely closed.
Condensation is collecting on the cabinet and/or floor.	Relative humidity is above 55%.	Move unit to area below relative humidity or lower humidity level.
Interior light is not working.	Poor switch connection.	Turn off power switch and turn it back on.
	Bulb is not connected.	Make sure the bulb is correctly inserted in the socket.
	Bulb has burned out.	Replace the bulb.



One Year Limited Warranty

Berg warrants its equipment against defects in materials and workmanship, subject to the following conditions:

Berg is warranted for one year, effective from the date of purchase by the original owner. A copy of the original receipt or other proof of purchase is required to obtain warranty coverage. This warranty applies to the original owner only, and is not assignable.

Should any product fail to function in its intended manner under normal use within the limits defined in this warranty, at Berg's discretion, such product will be repaired, replaced with a refurbished unit, or replaced with a new unit by Berg, after defective unit has been inspected and defect has been confirmed. Berg does not assume any liability for extended delays in replacing any item beyond its control. This warranty does not apply to rubber and non-metallic synthetic parts that may need to be replaced due to normal usage, wear or lack of preventative maintenance.

This warranty covers products shipped into the 48 contiguous United States, Hawaii, and metropolitan areas of Alaska and Canada. Warranty coverage on products used outside the 48 contiguous United States, Hawaii and metropolitan areas of Alaska and Canada may vary.

The following conditions are not covered by warranty:

- Equipment failure relating to improper installation, improper utility connection or supply and problems due to improper ventilation.
- Equipment that has not properly been maintained, damage from improper cleaning, and water damage to controls.
- Equipment that has not been used in an appropriate manner, or has been subject to misuse, neglect, abuse, accident, alteration, negligence, damage during transit, delivery or installation, fire, flood, riot, or act of God.
- Equipment that has the model number or serial number removed or altered.
- Equipment on which the security seal has been broken.

If the equipment has been changed, altered, modified, or repaired without express written permission from Berg, then the manufacturer shall not be liable for any damages to any person or to any property, which may result from the use of this equipment thereafter.

This equipment is intended for commercial use only and this warranty is void if equipment is used in other than a commercial application.

For warranty and service call 888-585-9440. Please have your model number, serial number and proof of purchase ready.

"THE FOREGOING WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES AND CONSTITUTES THE ENTIRE LIABILITY OF ACE. IN NO EVENT DOES THE LIMITED WARRANTY EXTEND BEYOND THE TERMS STATED HEREIN."
