

BLACK+DECKER BCFK516

BLACK+DECKER 5.1 Cu. Ft. Chest Freezer Instruction Manual

Model: BCFK516

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your BLACK+DECKER 5.1 Cu. Ft. Chest Freezer, model BCFK516. Please read these instructions thoroughly before installation and use, and retain them for future reference.

The BLACK+DECKER BCFK516 chest freezer offers 5.1 cubic feet of storage capacity, designed to hold approximately 178 lbs of frozen food. Key features include an adjustable thermostat for precise temperature control, a removable organizer basket for convenient storage, and a space-saving design with adjustable leveling legs.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following basic precautions:

- Ensure the freezer is properly grounded.
- Do not operate the freezer with a damaged power cord or plug.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the freezer before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

Proposition 65 Warning:

This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. PACKAGE CONTENTS

- BLACK+DECKER 5.1 Cu. Ft. Chest Freezer
- Removable Food Storage Organizer Basket
- Instruction Manual
- Scraper (for defrosting)

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove all packaging materials. Ensure no parts are missing or damaged. It is recommended to keep the packaging materials for future transport of the appliance.

After unpacking, allow the freezer to stand upright for at least 24 hours before plugging it in. This allows the refrigerant to settle, preventing potential damage to the cooling system.

4.2 Placement

- Place the freezer on a flat, stable surface away from direct sunlight and heat sources (e.g., stove, heater).
- Ensure adequate air circulation around the freezer. Maintain a minimum of 4 inches (10 cm) clearance from walls on all sides.
- The space-saving flat back design allows for placement against a wall or in a corner.
- This appliance is designed for freestanding installation only.

4.3 Leveling

The freezer is equipped with adjustable leveling legs. Adjust these legs to ensure the unit is level. A level freezer operates more efficiently and reduces vibration.



Image: Front view of the BLACK+DECKER 5.1 Cu. Ft. Chest Freezer, showing its compact design and the control dial on the lower right.



Image: Angled view of the BLACK+DECKER 5.1 Cu. Ft. Chest Freezer with the lid closed, highlighting its overall shape.



Image: Back view of the BLACK+DECKER 5.1 Cu. Ft. Chest Freezer, showing the power cord and the flat back design.

4.4 Electrical Connection

- The freezer operates on 115 Volts. Ensure your power outlet matches this requirement.
- Plug the freezer into an exclusive, grounded wall outlet. Do not use extension cords or adapter plugs.
- After plugging in, the "Running" indicator light will illuminate.

5. OPERATING INSTRUCTIONS

5.1 Initial Start-up

After the 24-hour settling period, plug in the freezer. Allow the unit to run for 2-3 hours empty before placing food inside. This ensures the interior reaches the desired freezing temperature.



Image: Top-down view of the BLACK+DECKER 5.1 Cu. Ft. Chest Freezer with the lid open, revealing the spacious interior and the removable organizer basket.

5.2 Temperature Control

The freezer features an adjustable thermostat with 7 control options. The control dial is located on the front of the unit. Turn the dial to select your desired temperature setting:

- **Setting 0:** Off

- **Settings 1-6:** Increasing coldness. Setting 1 is the warmest, Setting 6 is the coldest.

For general use, a mid-range setting (e.g., 3 or 4) is often sufficient. Adjust as needed based on ambient temperature and the amount of food stored.



Image: A hand turning the temperature control dial on the front of the freezer, illustrating how to adjust the coldness setting.

5.3 Organizer Basket

The removable vinyl-coated wire basket can be used to store smaller items or frequently accessed foods, keeping them organized and easily retrievable from the top of the freezer.



Image: Angled view of the BLACK+DECKER 5.1 Cu. Ft. Chest Freezer with the lid open, clearly showing the removable organizer basket in place.

6. MAINTENANCE

6.1 Cleaning

- Always unplug the freezer before cleaning.
- Clean the interior with a solution of mild detergent and warm water. Rinse thoroughly and dry.
- The exterior can be wiped with a damp cloth and mild detergent.
- Do not use abrasive cleaners or sharp objects, as they can damage surfaces.

6.2 Defrosting

Over time, frost will accumulate on the interior walls. Defrost the freezer when the frost layer is about 1/4 to 1/2 inch thick.

1. Unplug the freezer from the power outlet.
2. Remove all food items and store them in another freezer or cooler.
3. Place towels or shallow pans on the floor around the freezer to catch melting ice.
4. Open the lid and allow the frost to melt naturally. You can use the provided scraper to gently remove ice, but avoid sharp tools.
5. Once defrosted, clean and dry the interior thoroughly.
6. Plug the freezer back in and allow it to cool for 2-3 hours before returning food.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Freezer does not operate.	Not plugged in. Circuit breaker tripped/fuse blown. Power outage.	Ensure plug is securely in outlet. Reset circuit breaker or replace fuse. Check household power supply.
Freezer is not cold enough.	Temperature control set too warm. Lid not closed properly. Excessive lid opening. Large amount of warm food added. Poor ventilation.	Adjust temperature control to a colder setting. Check lid seal and ensure it's fully closed. Minimize lid openings. Allow time for freezer to cool new items. Ensure adequate clearance around the unit.
Excessive noise.	Freezer not level. Contact with wall or other objects.	Adjust leveling legs. Move freezer away from walls/objects.
Frost buildup.	Lid not sealed properly. Frequent lid opening. High humidity.	Check lid seal for obstructions. Minimize lid openings. Defrost as needed.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	BCFK516
Capacity	5.1 Cu. Ft.
Dimensions (D x W x H)	21.8" x 24.9" x 33.5"
Weight	52.9 pounds
Voltage	115 Volts
Installation Method	Freestanding
Refrigerant	600a (environmentally friendly)
Certification	ETL Safety Certified, UL
Special Features	Energy saving, Removable vinyl-coated wire basket, Adjustable leveling legs, Power-on indicator light

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Compact All-Refrigerator

•Automatic Defrost

Model # **DERBM104S**

Capacity: **11.3 Cubic Feet**



Compare ONLY to other labels with yellow numbers.
Labels with yellow numbers are based on the same test procedures.

Estimated Yearly Energy Cost

\$35



Cost Ranges

Models with
similar features

\$19

\$62

All models

\$18

\$70

289 kWh

Estimated Yearly Electricity Use

- ⌘ Your cost will depend on your utility rates and use.
- ⌘ Cost ranges based on models of similar size capacity.
- ⌘ Estimated energy cost based on a national average electricity cost of 10.65 cents per kWh.

ftc.gov/energy

Image: Energy Guide label. Note: The label provided in the source data is for a "Compact All-Refrigerator" with "11.3 Cubic Feet" capacity and model "DERBM104S", which does not match the product (5.1 Cu. Ft. Chest Freezer, BCFK516). This image is included as per instruction but its content is not directly relevant to the specific freezer model in this manual.

9. WARRANTY AND SUPPORT

This BLACK+DECKER chest freezer comes with a **1 Year Limited Warranty**. For warranty claims or technical support, please refer to the contact information provided with your purchase documentation or visit the official BLACK+DECKER website.

For additional support or to register your product, please visit: www.blackanddecker.com

