



BOLDER

**Bolder Reach In Refrigerator User Manual
(Model 6129242 / 5002946, 6129245 / 5002947,
6129246 / 5002948 6129247 / 5002949, 6129248
/ 5003020, 6129250 / 5003021)**

IMPORTANT

Please read this manual carefully before installing or operating the reach-in refrigerator. Keep this manual handy for future reference.

Dear Customer,

Thank you for choosing Bolder! To ensure your safety and get the best performance from your refrigerator, please read these instructions carefully.

I. Introduction

1. High-quality, hermetic compressor ensures efficient operation with a wide working range. The refrigeration system provides fast cooling with low energy consumption.
2. Adjustable shelving allows flexible product storage.
3. Interior made of patterned stainless steel ensures rapid cold conduction.
4. A lightbox is located at the top front of the cabinet for improved visibility.

II. Technical Data

Electrical Data

- Rated Voltage: 115V
- Rated Frequency: 60Hz
- Temperature Range: Refrigerator: 34–47°F (1–8°C); Freezer: 0 to –8°F (–18 to –22°C)

Model Specifications

Model	Rated Current (A)	Refrigerant	Refrigerant Amount	Weight (lbs)
6129247 / 5002949	4.1	R290	3.17 oz	242
6129242 / 5002946	6.0	R290	4.41 oz	242
6129248 / 5003020	7.4	R290	4.59 g	374
6129245 / 5002947	8.5	R290	5.82 g	374
6129250 / 5003021	7.6	R290	5.11 g	528
6129246 / 5002948	11.3	R290	4.41×2 g	528

III. Safety Precautions

1. Maintain at least 20 cm of clearance from walls for proper ventilation.
2. Remove all packaging to allow heat dissipation and avoid fire hazards.
3. Do not store flammable or volatile chemicals.
4. Use a dedicated single-phase grounded outlet. **Do not connect the grounding wire to gas or water pipes.**
5. Avoid hard impacts or severe vibration during transportation; maximum tilt angle: 45°.
6. Refer to the troubleshooting guide for minor issues. Major servicing must be performed by certified technicians.

Flammable Refrigerant Warnings

- DANGER: Risk of fire or explosion. Flammable refrigerant used. Do not puncture tubing or use mechanical defrosting devices.
- Service must be performed by trained personnel.
- Dispose of the unit following local and federal regulations.
- Keep all ventilation openings unobstructed.

IV. Usage Instructions

1. **Start-Up:** Ensure casters are installed and unit is level. Plug in the refrigerator to a proper outlet.
2. **Temperature Setting:** Press the SET key for 2 seconds to adjust. Use ▲/▼ arrows within 10 seconds to change the set point. Press SET again or wait 10 seconds to save.
3. **Temperature Control:** Compressor operates after a 2-minute delay. It starts when the temperature \geq set point + hysteresis and stops when \leq set point.
4. **Transportation:** Do not tilt more than 45° or subject to strong vibrations.
5. **Storage:** Avoid dropping food or cans inside. Leave space between items to prevent odors and ensure proper air circulation.
6. **Maintenance:** Clean with a soft cloth; always disconnect power before cleaning. Wait 5 minutes before restarting after power loss.
7. **Defrosting:** Automatic defrost occurs four times daily. Manual defrost: press the defrost button for 6 seconds. Do not remove ice with sharp instruments.

V. Regular Maintenance

- **Condenser Coils:** Clean monthly with a commercial coil cleaner; brush top to bottom.
- **Fan Blades & Motor:** Clean with soft cloth; cover motor if washing blades.
- **Interior:** Use warm water and mild soap; avoid abrasives or bleach.
- **Back Panel:** Remove screws, clean behind the panel carefully, dry, and replace.
- **Door Gaskets:** Wash weekly in warm water, dry, and inspect for proper seal.
- **Fluorescent Lamp (if present):** Disconnect power, remove lamp holder, replace with proper lamp, and reinstall.

Note: Only authorized service personnel should replace components to avoid fire hazards.

VI. Troubleshooting Guide

Issue	Possible Cause	Solution
No indicator light	Not plugged in	Connect to power
	Faulty plug/outlet	Replace plug or outlet
	Control circuit failure	Check and repair
Compressor fails to run	Low power	Install manostat
	Temperature controller failure	Replace
	Overload protector tripped	Replace
	Refrigerant leak	Contact certified technician
Continuous compressor operation	Probe misplacement	Adjust probe
	Frosted evaporator	Select defrost
	Refrigerant circulation issue	Service technician
Unit noisy	Uneven placement	Relocate unit
	Loose bolts or fan	Tighten/replace parts
No interior light	Burned out or faulty	Replace lamp/switch

Normal Phenomena:

- Gentle water flow sound inside cabinet.
 - Heat from compressor/condenser.
 - Condensation on doors in high humidity; wipe off as needed.
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Customer Service

For technical support or warranty inquiries, please contact:

Bolder Customer Service

Tel: 1-888-553-9255

Email: service@bolder-refrigeration.com