

Indel B TB18A

Indel B TB18 Portable Compressor Refrigerator User Manual

Model: TB18A

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Indel B TB18 Portable Compressor Refrigerator. Please read this manual thoroughly before using the appliance.

The Indel B TB18 is a compact and efficient portable refrigerator designed for use with 12V/24V DC power sources. It features a BD 1.4 Micro Secop compressor, offering excellent cooling performance and low power consumption, making it suitable for various mobile applications.

SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the appliance's requirements (12V/24V DC).
- Do not operate the refrigerator if the power cord is damaged.
- Keep ventilation openings clear of obstructions.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Avoid placing hot food or liquids directly into the refrigerator. Allow them to cool first.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Disconnect the power supply before cleaning or performing maintenance.

PRODUCT OVERVIEW

The Indel B TB18 is a portable compressor refrigerator designed for versatility and efficiency. Key features include:

- 12-24V DC Operation

- 18 Liters Gross Volume
- Internal LED light and electronic thermostat with digital display
- Adjustable shoulder strap for easy portability
- Equipped with BD 1.4 Micro Secop compressor for low consumption and high performance



Figure 1: Indel B TB18 Portable Compressor Refrigerator with its adjustable shoulder strap, showing the control panel and side ventilation.



Figure 2: Top-down view of the Indel B TB18, highlighting its compact design and control panel.

SETUP

Unpacking

1. Carefully remove the refrigerator from its packaging.
2. Inspect the appliance for any signs of damage during transit. If damaged, do not use and contact your supplier.
3. Remove all internal packing materials and protective films.

Placement

- Place the refrigerator on a flat, stable surface.
- Ensure adequate ventilation around the unit, especially near the compressor and condenser coils. Avoid enclosed spaces.
- Keep the unit away from direct sunlight or heat sources.

Power Connection

- The TB18 operates on 12V or 24V DC. Connect the provided power cable to the DC input socket on the refrigerator.

- Plug the other end of the cable into a suitable 12V or 24V DC power outlet (e.g., vehicle cigarette lighter socket).



Figure 3: Rear view of the Indel B TB18, showing the 12V/24V DC power input socket and fan.



Figure 4: The 12V DC power cable with a cigarette lighter plug, used to power the Indel B TB18 refrigerator.

OPERATING INSTRUCTIONS

Control Panel



Figure 5: Close-up view of the control panel on the Indel B TB18, showing the digital display and control buttons. The control panel features a digital display and several buttons for operation:

- **Power Button (On/Off):** Press to turn the unit on or off.
- **Temperature Adjustment Buttons (Up/Down Arrows):** Use to set the desired temperature.
- **Mode Button (ECO/ITC):** Toggles between ECO (Economy) mode for energy saving and ITC (Intelligent

Temperature Control) mode for faster cooling.

- **Digital Display:** Shows the current internal temperature or the set temperature.

Setting Temperature

1. Turn on the refrigerator using the Power button.
2. Press the Up or Down arrow buttons to adjust the desired temperature. The display will flash the set temperature and then return to showing the current internal temperature.
3. The compressor will activate to reach the set temperature.

Operating Modes

- **ECO Mode:** Prioritizes energy efficiency, suitable for maintaining temperature over long periods.
- **ITC Mode:** Provides faster cooling to reach the set temperature quickly.
- Press the Mode button to switch between ECO and ITC.

Internal Compartments





Figure 6: The Indel B TB18 with its lid open, revealing the main and smaller internal compartments.

The TB18 features a main compartment and a smaller compartment, allowing for organized storage of items. The main compartment is designed to accommodate larger items like 1.5-liter bottles, while the smaller section is suitable for smaller items such as an egg carton or butter.

MAINTENANCE

Cleaning

1. Before cleaning, always disconnect the refrigerator from the power supply.
2. Clean the interior and exterior surfaces with a damp cloth and a mild detergent. Do not use abrasive cleaners or solvents.
3. Ensure the ventilation grilles are free from dust and debris to maintain efficient cooling. Use a soft brush or vacuum cleaner to clean them.
4. Dry all parts thoroughly before reconnecting power.

Defrosting

The refrigerator will automatically defrost. If a significant layer of ice builds up, manually defrost the unit:

1. Turn off the refrigerator and disconnect it from the power supply.
2. Remove all contents.
3. Leave the lid open to allow the ice to melt naturally. Do not use sharp objects to remove ice.
4. Wipe away melted water with a clean cloth.
5. Ensure the interior is completely dry before restarting the unit.

Storage

When storing the refrigerator for extended periods:

- Clean and dry the unit thoroughly.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Refrigerator does not turn on.	No power supply; faulty cable; low battery voltage.	Check power connection; test cable; ensure battery voltage is sufficient (above 10.4V for 12V system).
Refrigerator not cooling effectively.	Poor ventilation; lid not closed properly; ambient temperature too high; too much content.	Ensure clear ventilation; close lid securely; operate in cooler environment; do not overload.
Unusual noise from unit.	Unit not level; fan obstruction; normal compressor operation.	Place on a level surface; check fan for obstructions; slight humming is normal.
Display shows error code.	Internal fault.	Refer to specific error code in a more detailed service manual or contact customer support.

If the problem persists after attempting these solutions, please contact Indel B customer support.

SPECIFICATIONS

Feature	Detail
Model	TB18A
Brand	Indel B
Capacity	18 Liters
Voltage	12V / 24V DC
Wattage	35 Watts
Compressor	BD 1.4 Micro Secop (formerly Danfoss)
Dimensions (L x W x H)	58.42 x 27.94 x 45.72 cm (23 x 11 x 18 inches)
Item Weight	8.6 kg (18.96 lbs)
Special Features	Portable, Internal LED light, Electronic thermostat, Adjustable shoulder strap



Figure 7: Technical drawing illustrating the external and internal dimensions of the Indel B TB18 refrigerator.

WARRANTY AND SUPPORT

Indel B products are manufactured to high quality standards. For warranty information and customer support, please refer to the warranty card included with your product or visit the official Indel B website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical assistance or service, please contact your authorized Indel B dealer or service center.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question