

[Manuals.plus](#) /

› [Zyerch](#) /

› Zyerch 3.5 Cu.Ft Chest Freezer Instruction Manual

Zyerch BD-110

Zyerch 3.5 Cu.Ft Chest Freezer Instruction Manual

Model: BD-110

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using your new chest freezer. Keep this manual for future reference.

- Ensure the freezer is placed on a stable, level surface.
- Allow adequate clearance around the freezer for proper ventilation.
- Do not block ventilation openings.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Unplug the freezer before cleaning or performing maintenance.
- Keep children away from the freezer, especially when the lid is open.

2. PRODUCT OVERVIEW

The Zyerch 3.5 Cu.Ft Chest Freezer (Model BD-110) is a compact and efficient solution for your freezing needs. It features a spacious interior, adjustable temperature settings, and a quiet, energy-saving operation.



Figure 2.1: Zyerch 3.5 Cu.Ft Chest Freezer with its lid open, revealing various frozen food items inside. The freezer is white and compact, suitable for small spaces.

Key Features:

- 3.5 Cu.Ft Capacity with Removable Basket
- 6 Adjustable Temperature Settings (-18°F to -46°F)
- Flip-up Lid with Insulated Door Seal

- Energy-Efficient R600a Compressor (Low Noise ≤ 40 dB)
- Quick Freezing System with D-Type Tube

PRODUCT FEATURES

Every detail highlights the quality of the product



**Defrosting
Scraper**



**Movable
Hanging Basket**



Door Gasket



Drain Dial



**Temperature
Control Panel**



Figure 2.2: Detailed view of the freezer's components, including the defrosting scraper, movable hanging basket, door gasket, drain dial, and temperature control panel.

3. SETUP AND INSTALLATION

3.1 Unpacking

1. Carefully remove the freezer from its packaging.
2. Check for any shipping damage. If damaged, do not plug in and contact customer support.

3. Remove all packing materials, including the internal basket, instruction manual, and defrosting shovel.

3.2 Placement

- Place the freezer on a firm, level floor that is strong enough to support the unit when fully loaded.
- Ensure there is at least 4 inches (10 cm) of space on all sides and at the back for proper air circulation.
- Avoid direct sunlight or heat sources (e.g., stove, radiator) as this will increase energy consumption.
- Do not install in areas where the temperature is likely to drop below 50°F (10°C) or rise above 90°F (32°C).



Figure 3.1: Examples of suitable placement for the compact chest freezer in different environments such as an RV, a pub, an office, and an

apartment, highlighting its versatility.

3.3 Initial Power-On

1. After placing the freezer, wait at least 2-4 hours before plugging it into a power outlet. This allows the refrigerant to settle.
2. Plug the freezer into a dedicated, grounded 115V/60Hz electrical outlet.
3. The "Power" indicator light (red) will illuminate.

4. OPERATING INSTRUCTIONS

4.1 Temperature Control

The freezer features a mechanical thermostat with 6 adjustable temperature levels, allowing you to set the ideal temperature for your stored items. The temperature range is from -18°F to -46°F.

- Turn the thermostat dial to your desired setting.
- Settings 1-5 provide increasing levels of coldness, with "Strong" being the coldest.
- The "0" setting will turn off the compressor and stop cooling.
- The "Run" indicator light (green) will illuminate when the compressor is actively cooling.

6 LEVEL TEMPADJUSTMENT

Fresh preservation using advanced technology

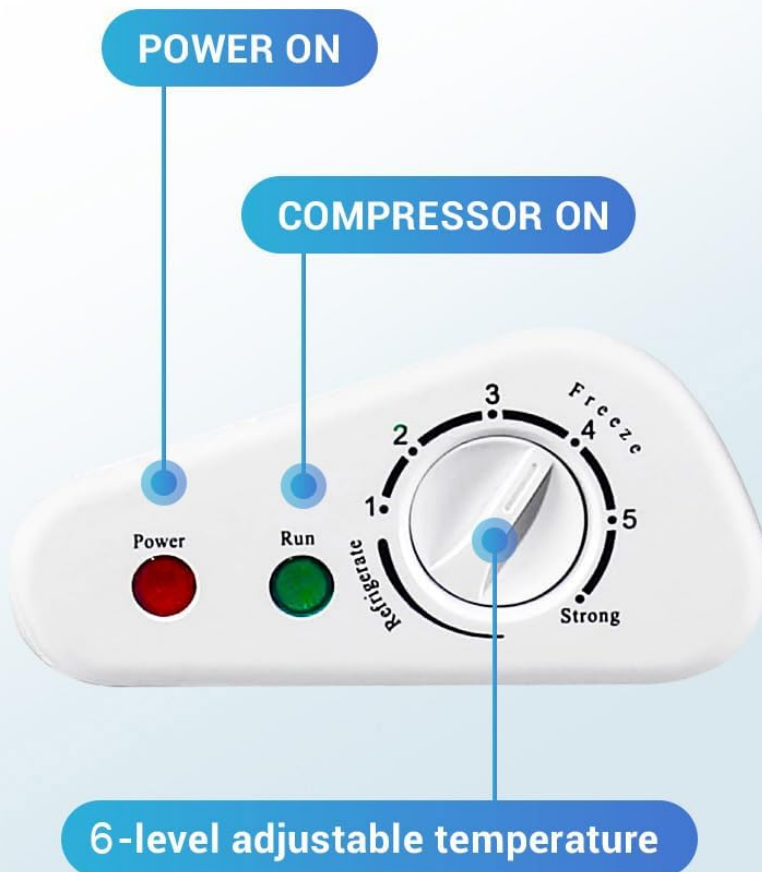


Figure 4.1: Illustration of the 6-level temperature control dial, indicating temperature ranges from 50°F (Refrigerate) to -18°F (Strong Freeze), suitable for various food types.

4.2 Loading the Freezer

- The 3.5 cu.ft capacity provides ample space for various frozen goods.
- Utilize the removable basket for smaller, frequently accessed items to keep them organized and within reach.
- Avoid overloading the freezer, as this can hinder air circulation and cooling efficiency.

COMPACT BUT WITH LARGE CAPACITY



Figure 4.2: Visual representation of the freezer's compact dimensions (18.14" x 19.8" x 29.5") while demonstrating its large internal capacity filled with various food and beverage items.

4.3 Flip-up Lid Operation

The freezer's flip-up lid is designed for convenience and efficiency.

- The lid can hover open at angles between 45° and 85°, allowing easy access to contents without needing to hold it.
- The high-quality hinge ensures smooth operation.
- An insulated door seal and high-density foam layer help maintain internal temperature, even during power outages.

Hinge - Style Door

The freezer door will remain open at **45° & 85°** automatically



Figure 4.3: Illustration detailing the hinge-style door, showing it can remain open at 45° and 85° angles, along with a close-up of the recessed door handle and premium metal hinges.

4.4 Energy Efficiency and Quiet Operation

The Zyerch chest freezer is designed for efficient and quiet performance.

- It utilizes an energy-efficient R600a compressor, consuming approximately 0.54 kWh per day.
- The compressor operates at a low noise level of ≤ 40 dB, ensuring minimal disturbance.
- The D-Type tube quick freezing system provides faster cooling compared to traditional designs.

Low Noise & Energy Saving



Low noise
< 40dB



R600a
Quick Cooling



Low power
Consumption



Figure 4.4: Visual representation highlighting the freezer's low noise operation (less than 40dB), R600a quick cooling, and low power consumption, emphasizing its energy-saving benefits.

5. MAINTENANCE

5.1 Manual Defrosting

This chest freezer requires manual defrosting to maintain optimal performance.

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 a shallow pan at the bottom of the freezer to collect melting ice.
4. Use the provided defrosting shovel to carefully remove ice buildup. Do not use sharp objects.
5. Once defrosted, wipe the interior dry with a soft cloth.
6. Plug the freezer back in and allow it to reach the desired temperature before returning food.

5.2 Cleaning

- Clean the interior and exterior surfaces regularly with a mild detergent and warm water.
- Wipe dry thoroughly to prevent water spots and rust.
- Clean the door gasket with a soft cloth to ensure a tight seal.
- Vacuum the condenser coils at the back of the freezer periodically to improve efficiency.

6. TROUBLESHOOTING

Before contacting customer service, please check the following common issues:

Problem	Possible Cause	Solution
Freezer does not operate.	Not plugged in; circuit breaker tripped; power outage.	Ensure plug is secure; reset circuit breaker; check household power.
Freezer is not cold enough.	Temperature setting too high; lid not closed properly; excessive door openings; warm food added recently.	Adjust temperature to a colder setting; ensure lid is sealed; minimize lid openings; allow time for new food to freeze.
Freezer is too noisy.	Freezer is not level; objects vibrating against the freezer; normal operating sounds.	Adjust leveling feet; ensure nothing is touching the freezer; gurgling/hissing sounds are normal.
Excessive frost buildup.	Lid not sealed properly; frequent lid openings; high humidity.	Check and clean lid gasket; reduce lid openings; defrost as needed.

7. SPECIFICATIONS

Attribute	Detail
Brand	Zyerch
Model Name	BD-110
Capacity	3.5 Cu.Ft
Product Dimensions (D x W x H)	18.14" x 19.8" x 29.5"
Item Weight	39.6 pounds
Color	White

Attribute	Detail
Door Material Type	Stainless Steel
Installation Type	Freestanding
Refrigerant	R600a
Noise Level	≤ 40 dB
Energy Consumption	0.54 kWh per day (approx.)
Included Components	Basket, Defrosting Shovel

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or the official Zyerch website. Keep your purchase receipt as proof of purchase.

Optional protection plans are available for extended coverage. Please refer to the product listing for details on available plans.

© 2025 Zyerch. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Open the live page

<https://manuals.plus/asin/B0DK6H7WCZ>

More documents and user manuals: **<https://manuals.plus/>**