

TCL TRF-350WEXP

TCL 11.7 cu.ft Inverter Refrigerator User Manual

Model: **TRF-350WEXP**

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your new TCL TRF-350WEXP 11.7 cubic feet (331 liter) Inverter Refrigerator. Please read these instructions thoroughly before installation and use, and keep them for future reference. The TCL 50/60Hz Inverter Refrigerator is designed to maintain optimal low temperatures for food and beverages. Its inverter technology intelligently controls and adjusts the compressor speed based on the refrigerator's contents, leading to significant energy savings and reduced operational noise. This silver refrigerator operates at 50/60Hz and is suitable for small to medium-sized households.

SAFETY INFORMATION

Important Safety Instructions:

- Ensure the refrigerator is properly grounded to prevent electrical shock.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Keep ventilation openings clear of obstruction.
- Do not damage the refrigerant circuit.
- 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

PRODUCT OVERVIEW

The TCL TRF-350WEXP refrigerator features a top-freezer configuration, providing separate compartments for fresh food and frozen items. Key features include:

- **Inverter Compressor:** For energy efficiency and quiet operation.
- **Automatic Defrost:** Eliminates the need for manual defrosting in both compartments.
- **Adjustable Shelves:** Two shelves in the refrigerator compartment for flexible storage.
- **Vegetable Drawer:** One drawer designed to keep produce fresh.
- **Door Racks:** Multiple racks on the doors for bottles and smaller items.



Figure 1: Internal view of the refrigerator, highlighting the fresh food and freezer compartments with their respective storage solutions.

SETUP

Proper installation is crucial for the performance and longevity of your refrigerator.

1. Unpacking

- Remove all packaging materials, including foam and adhesive tape.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to your retailer.

2. Placement

- Place the refrigerator on a firm, level floor. Use the adjustable leveling feet to ensure stability.
- Allow adequate space around the appliance for proper ventilation (at least 10 cm at the back and sides).
- Avoid direct sunlight or heat sources (e.g., stoves, radiators) as these can increase energy consumption.

3. Power Connection

- Connect the refrigerator to a dedicated 240V, 50/60Hz power outlet. Do not use extension cords or multiple adapters.
- Allow the refrigerator to stand upright for at least 2-4 hours before plugging it in to allow the refrigerant to settle.

4. Initial Cooling

- After plugging in, allow the refrigerator to cool for at least 4-6 hours before loading it with food.
- The internal temperature can be adjusted using the control dial located inside the fresh food compartment.

OPERATING

Your TCL refrigerator is designed for user-friendly operation.

Temperature Control

- The temperature control dial is located inside the fresh food compartment.
- Settings typically range from 'Min' (least cold) to 'Max' (coldest). A medium setting is usually sufficient for general use.
- Adjust the setting gradually and allow several hours for the temperature to stabilize before making further changes.
- The inverter compressor adjusts its speed to maintain consistent temperatures, optimizing energy use and reducing fluctuations.

Food Storage Guidelines

- **Refrigerator Compartment:** Ideal for fresh foods, dairy products, fruits, and vegetables. Store vegetables in the crisper drawer.
- **Freezer Compartment:** For long-term storage of frozen foods. Ensure packages are sealed to prevent freezer burn.
- Do not place hot food directly into the refrigerator; allow it to cool to room temperature first.
- Avoid overloading the refrigerator, as this can restrict airflow and reduce cooling efficiency.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your appliance.

Cleaning

- **Interior:** Unplug the refrigerator before cleaning. Wash interior surfaces with a solution of mild detergent and warm water. Rinse and dry thoroughly.
- **Exterior:** Clean the exterior with a soft cloth and mild detergent. Avoid abrasive cleaners.
- **Door Seals:** Regularly clean door gaskets with warm soapy water to ensure a tight seal.
- **Condenser Coils:** Periodically vacuum the condenser coils at the back or bottom of the refrigerator to remove dust and debris, which can improve efficiency.

Defrosting

This refrigerator features an automatic defrost system, so manual defrosting is generally not required. If excessive frost builds up in the freezer, it may indicate a problem with the door seal or a blockage in the defrost drain. Contact customer support if this occurs frequently.

Energy Saving Tips

- Ensure the refrigerator doors are closed properly and not left open for extended periods.
- Do not place hot food inside.
- Keep the condenser coils clean.
- Set the temperature to the recommended level; excessively low temperatures consume more energy.

TROUBLESHOOTING

Before contacting service, try these simple solutions for common issues:

Problem	Possible Cause	Solution
Refrigerator does not operate	Not plugged in; power outage; circuit breaker tripped.	Check power cord; check household fuse/circuit breaker.
Temperature is not cold enough	Temperature control set too warm; door opened too frequently; warm food placed inside; poor ventilation.	Adjust temperature control; minimize door openings; allow food to cool; ensure proper clearance around unit.
Unusual noises	Refrigerator not level; items vibrating inside; normal compressor operation.	Level the unit; rearrange items; some operational sounds are normal.
Water on floor	Defrost drain blocked; door not sealing properly.	Clear defrost drain (refer to service manual if needed); check door seal for obstructions.

SPECIFICATIONS

Detailed technical specifications for the TCL TRF-350WEXP refrigerator:

Feature	Specification
Brand Name	TCL
Model Information	TRF-350WEXP

Feature	Specification
Product Dimensions (D x W x H)	62.1 x 70.2 x 160 cm
Capacity	11.7 cubic feet (331 Liters)
Annual Energy Consumption	726.9 Watt (or 247 kWh as per energy label)
Fresh Food Refrigerator Capacity	179 Liters
Freezer Capacity	77 Liters
Installation Type	Freestanding
Form Factor	Inverter
Special Features	Electric Inverter Compressor
Color	Silver
Voltage	240 Volts
Vegetable Drawers	1
Defrost System	Automatic
Door Hinges	Right
Shelves	2
Number of Doors	2
Item Weight	22 Kilograms

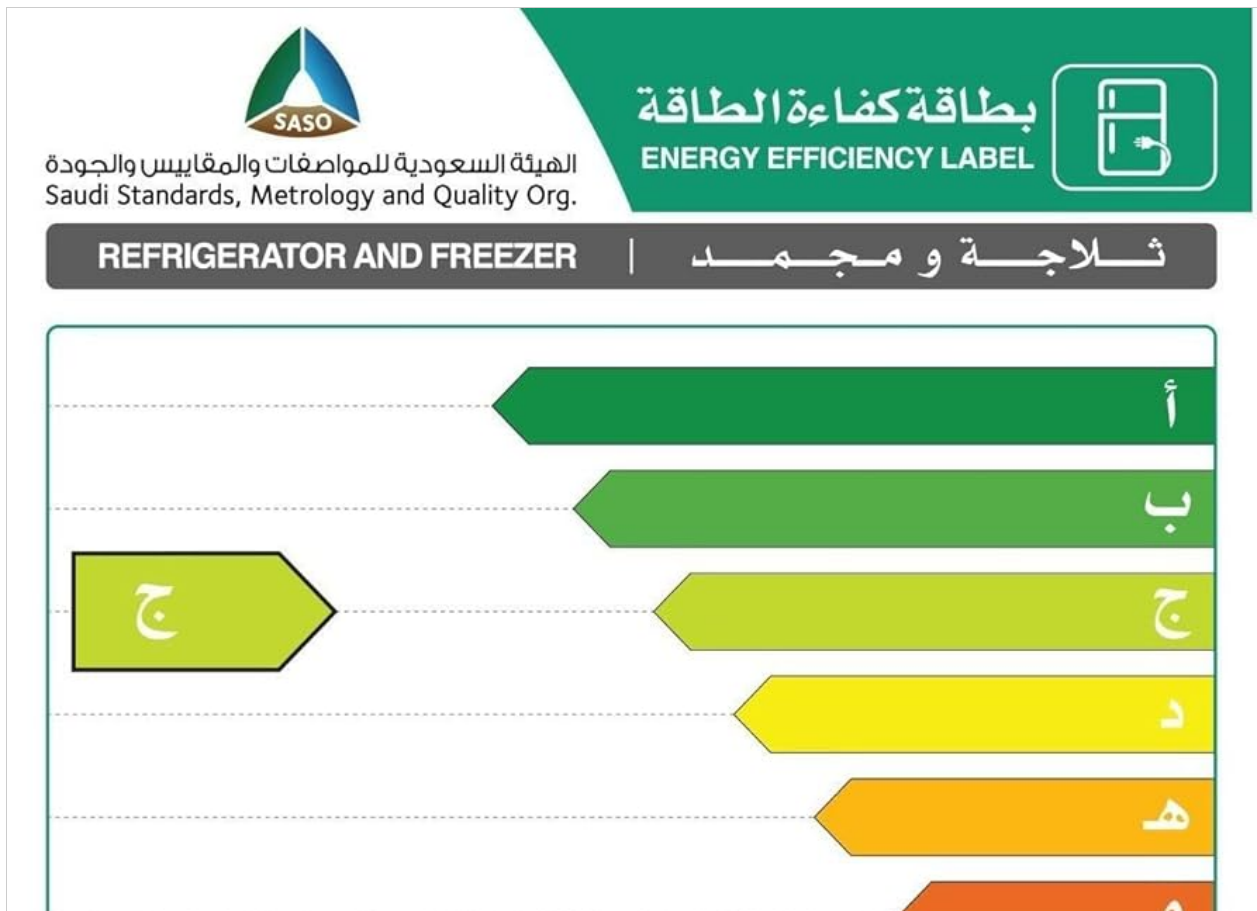




Figure 2: Energy Efficiency Label. For more details, visit the official certification page: [SASO Certificate Authentication](#).

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims. For technical support, spare parts, or service inquiries, please contact TCL customer service. Contact details can typically be found on the TCL official website or in the documentation provided with your appliance.