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› VEVOR Refrigerant Scale LX-36575D User Manual

VEVOR LX-36575D

VEVOR Refrigerant Scale LX-36575D User Manual

Model: LX-36575D

Overview

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1. OVERVIEW

The VEVOR Refrigerant Scale LX-36575D is a high-precision electronic digital recovery weight scale designed for accurate measurement of refrigerants during HVAC charging and recovery processes. It features a robust design, a wired remote control for convenient operation, and intelligent power-saving functions.

Key Features:

- **Precision Weighing:** Maximum capacity of 220 lbs (100 kg) with 5g accuracy and 0.05% resolution.
- **Multiple Units:** Supports KG, OZ, and LB for versatile measurements.
- **Wired Remote Control:** Equipped with an HD LCD display and a 120° adjustable stand for easy data reading.
- **Energy Saving:** Automatic shut-off after 10 minutes of inactivity and backlight turns off after 3 minutes.
- **Safety Certified:** FCC and CE certified for enhanced safety and reliability.
- **Portable Design:** Housed in a waterproof and dustproof plastic case for secure transport and storage.



Figure 1: VEVOR Refrigerant Scale in operation with a refrigerant tank and remote control.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your VEVOR Refrigerant Scale LX-36575D.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the VEVOR Refrigerant Scale to ensure safe and effective operation.

- Always place the scale on a flat, stable, and level surface to ensure accurate readings and prevent tipping.
- Do not exceed the maximum weight capacity of 220 lbs (100 kg). Overloading can damage the scale. The 'FULL' indicator will display if the limit is exceeded; remove weight immediately.
- Keep the scale and remote control away from water, excessive moisture, and extreme temperatures.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Use only the specified 9V dry battery. Remove the battery if the unit is not used for extended periods to prevent leakage and damage.

- Ensure proper ventilation when working with refrigerants. Follow all industry safety standards for refrigerant handling.
- The product is FCC and CE certified, indicating compliance with relevant safety and electromagnetic compatibility standards.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- 1 x Refrigerant Scale Platform
- 1 x Wired Remote Control with LCD Display
- 1 x 9V Dry Battery
- 1 x Carrying Case
- 1 x User Manual

4. PRODUCT COMPONENTS

4.1 Scale Platform

The scale platform is the main weighing surface. It features non-slip rubber pads to ensure stability for refrigerant tanks and prevent rolling or sliding during use.

4.2 Wired Remote Control

The remote control connects to the scale platform via a coiled cable. It houses the LCD display and control buttons, allowing for convenient operation and reading from a distance. An integrated 120° adjustable stand provides flexible viewing angles.

READY-TO-USE WITH DRY BATTERY

High-visibility LCD display

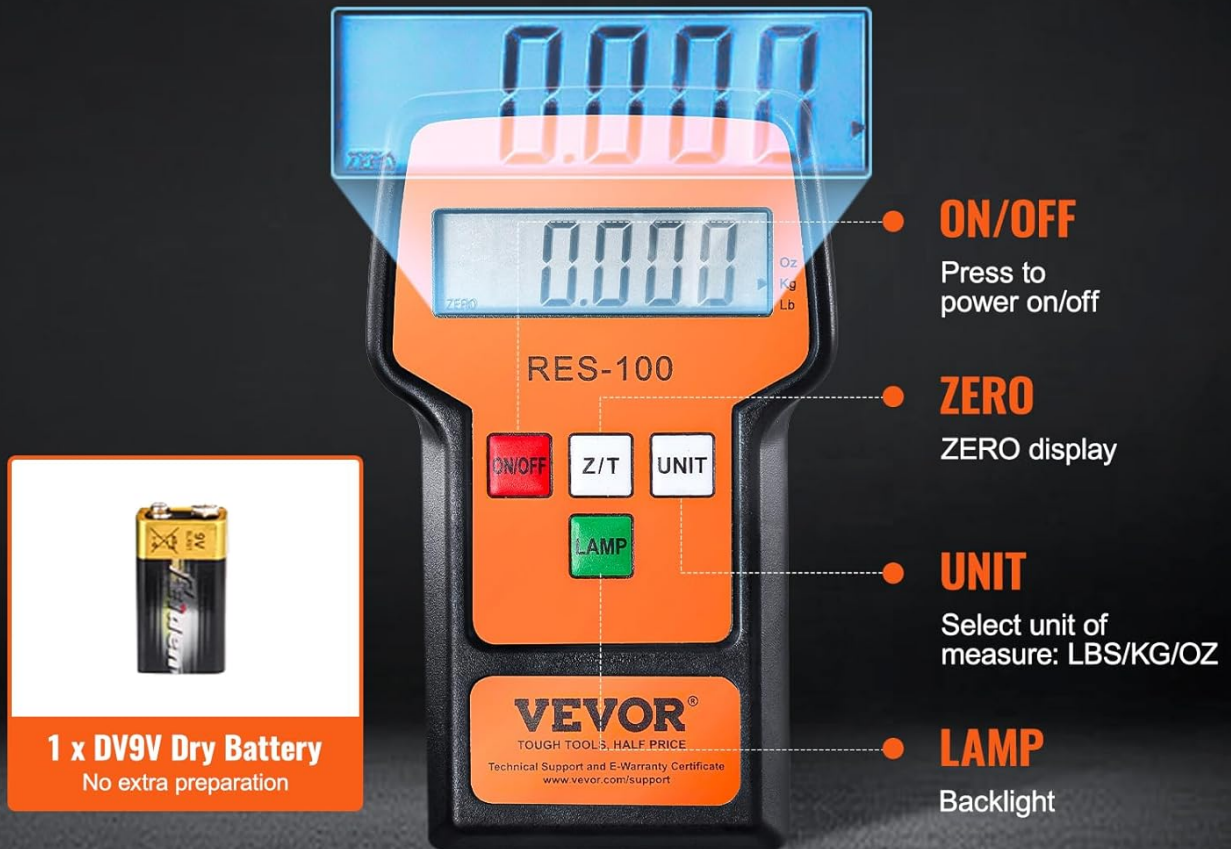


Figure 2: Scale platform and wired remote control.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment on the back of the wired remote control.
2. Open the battery compartment cover.
3. Insert the included 9V dry battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5G HIGH ACCURACY REFRIGERANT SCALE

Sensitive sensor for accurate data



KG/OZ/LBS
3 Units Conversion



0.05%
HD Resolution



220 LBS
Max. Capacity



Figure 3: Battery installation in the remote control.

5.2 Scale Placement

Place the scale platform on a firm, flat, and level surface. An uneven surface can lead to inaccurate measurements. Ensure there are no obstructions beneath the scale that could interfere with its stability.

6. OPERATION

6.1 Power On/Off

- To power on the scale, press the **ON/OFF** button on the remote control. The LCD display will illuminate.
- To power off the scale, press and hold the **ON/OFF** button until the display turns off.

6.2 Zeroing (Tare Function)

Before weighing a refrigerant tank, it is crucial to zero the scale to exclude the weight of the empty container.

- With the scale powered on and nothing on the platform, press the **Z/T** (ZERO/TARE) button. The display will

show '0.000' or '0.00' indicating it has been zeroed.

- If you place an empty tank on the scale and then press **Z/T**, the display will reset to zero, allowing you to measure only the added refrigerant.

6.3 Unit Conversion

The scale supports multiple units of measurement.

- Press the **UNIT** button to cycle through the available units: KG (kilograms), OZ (ounces), and LB (pounds).
- Select the desired unit before or during the weighing process.

6.4 Backlight Function

- Press the **LAMP** button to turn the LCD backlight on or off. This improves visibility in low-light conditions.

Figure 4: Remote control button functions.

6.5 Automatic Functions

- **Auto Shut-off:** The scale will automatically power off after 10 minutes of inactivity to conserve battery life.
- **Backlight Auto Screen-off:** The LCD backlight will turn off after 3 minutes of no operation.

AUTO SHUT-OFF + AUTO SCREEN-OFF

Lower power consumption, longer battery life



10 min
Auto shut-off without operation

3 min
Backlit auto shut-off without operation

*** Note: Remove battery if not used long to prevent damage**

Figure 5: Auto shut-off and backlight features.

7. MAINTENANCE

7.1 Battery Care

To prolong battery life and prevent potential damage from leakage, remove the 9V dry battery from the remote control if the scale will not be used for an extended period (e.g., several weeks or months).

7.2 Cleaning

Wipe the scale platform and remote control with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or immerse the unit in water. Ensure the unit is completely dry before storage or next use.

7.3 Storage

When not in use, store the refrigerant scale and its remote control in the provided waterproof and dustproof plastic carrying case. Ensure the case buckles are securely fastened to protect the components from environmental factors and physical damage.

EASY TO OPERATE

Complete the recovery operation by yourself



Anti-slip Rubber Surface

120° Support Stand

*** Note: Place the refrigerant scale on a level surface to avoid data inaccuracies**

Figure 6: Carrying case for secure storage.

8. TROUBLESHOOTING

If you encounter issues with your VEVOR Refrigerant Scale, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Inaccurate Readings	Scale not on a level surface; scale not zeroed; battery low.	Ensure scale is on a flat, stable surface. Press Z/T to zero the scale before weighing. Replace battery if low.
Display shows 'FULL'	Weight exceeds maximum capacity.	Immediately remove the item from the scale to prevent damage. Do not exceed 220 lbs (100 kg).
Display not working / No power	Battery not installed correctly; battery depleted; loose cable connection.	Check battery installation and polarity. Replace the 9V battery. Ensure the coiled cable is securely connected to both the platform and remote.
Backlight not working	Backlight turned off; auto screen-off activated; low battery.	Press the LAMP button to turn it on. If it turns off automatically, it's due to the energy-saving feature. Replace battery if low.

If the problem persists after trying these solutions, please contact VEVOR customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	LX-36575D
Maximum Capacity	220 LBS (100 kg)
Accuracy	5g
Resolution	0.05%
Measurement Units	KG, OZ, LB
Power Source	1 x 9V Dry Battery (included)
Product Dimensions	42.49 x 30.99 x 6.6 cm (16.7 x 12.2 x 2.6 inches)
Item Weight	3.25 kg (7.17 lbs)
Material	Rubber, Plastic
Display Type	LCD
Special Features	Smart, Auto Shut-off, Backlight, Overload Protection
Certifications	FCC, CE



Figure 7: Product dimensions and included accessories.

10. WARRANTY & SUPPORT

For detailed warranty information, technical assistance, or customer support regarding your VEVOR Refrigerant Scale LX-36575D, please refer to the warranty card included with your product or visit the official VEVOR website. You may also contact the retailer from whom you purchased the product for support.

Please have your model number (LX-36575D) and purchase date available when contacting support.