

VEVOR WX1320-1

VEVOR WX1320-1 1320lbs Wireless Electric Hoist User Manual

Model: WX1320-1

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, installation, and maintenance of your VEVOR WX1320-1 1320lbs Wireless Electric Hoist. Please read all instructions carefully before use to ensure proper function and prevent injury or damage.

Key Features:

- **Wireless Remote Control:** Operates up to 328 feet (100 meters) for enhanced safety and convenience. Includes an emergency stop button.
- **Dual Lifting Modes:** Supports single-line lifting up to 660 lbs (39.4 ft height, 32 ft/min speed) and double-line lifting up to 1320 lbs (19.7 ft height, 16 ft/min speed).
- **Powerful Motor:** Equipped with a 1150W motor and a large cooling fan to prevent overheating and ensure efficient operation.
- **Durable Construction:** Features an anti-deformation steel frame, 19-strand thickened steel wire rope, and a high-strength metal hook for long-term reliability.
- **Easy Installation:** Designed for two-step hanging installation on ceilings or beams.
- **Included Accessories:** Comes with a 13ft lifting sling strap and a 3.2ft shaft belt with metal ring.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hard hat.
- Ensure the hoist is securely mounted to a structure capable of supporting the maximum load capacity.
- Never exceed the rated load capacity of the hoist.
- Inspect the hoist, wire rope, hooks, and slings for damage before each use. Do not use if any components are worn or damaged.

- Keep hands and body clear of moving parts, especially the wire rope and hook.
- Do not operate the hoist if the wire rope is twisted, kinked, or frayed.
- Ensure the load is balanced and securely attached before lifting.
- Avoid sudden starts or stops when lifting or lowering a load. Operate smoothly.
- Do not use the hoist to lift people or loads over people.
- Disconnect power before performing any maintenance or adjustments.
- Keep the work area clear of obstructions and ensure adequate lighting.
- The wireless remote control includes an emergency stop button. Familiarize yourself with its location and function.

3. PRODUCT COMPONENTS

The VEVOR WX1320-1 Electric Hoist package includes the following items:

- 1 x Electric Hoist Unit
- 1 x Wireless Remote Control
- 1 x 1m (3.2ft) Strap with Metal Ring
- 1 x 4m (13ft) Strap
- Mounting Brackets and Hardware
- Dual-line Pulley Hook (for double-line operation)

Comes with 2 Heavy-Duty Slings with 2T Load Capacity



Figure 3.1: Hoist with included lifting slings.

4. SETUP AND INSTALLATION

The VEVOR electric hoist is designed for straightforward hanging installation. Follow these steps carefully:

1. **Choose a Mounting Location:** Select a sturdy ceiling or beam capable of safely supporting the hoist's weight and the maximum intended load. Ensure the mounting surface is level and free from obstructions.
2. **Attach Mounting Brackets:** Use the provided mounting brackets and hardware to securely fasten the hoist to the chosen location. The installation typically involves two main steps: attaching the U-shaped brackets to the

hoist and then securing them to the overhead structure. Ensure all bolts are tightened to the manufacturer's specifications.

Two-Step Hanging Installation

Secure Locking, No Wobbling

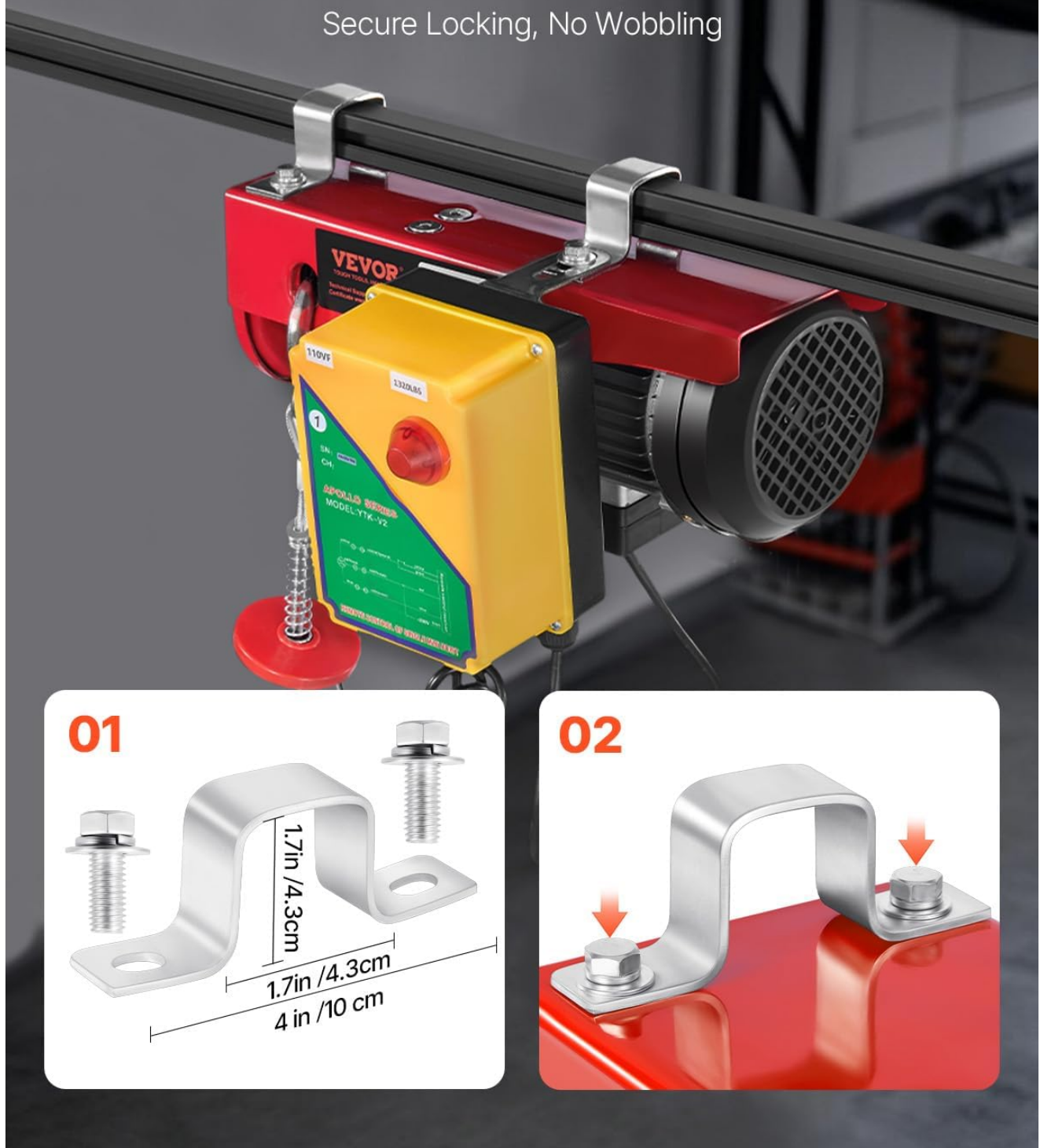


Figure 4.1: Two-step hanging installation process.

3. **Connect Power:** Plug the hoist into a compatible 110V power outlet. Ensure the power source meets the hoist's electrical requirements.
4. **Test Functionality:** Before lifting any loads, perform a test run with no load to ensure the hoist operates correctly, including the up/down functions and the emergency stop.

Unboxing and Initial Setup Video:

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Video 4.1: An unboxing and initial setup guide for the electric hoist, demonstrating how to prepare the unit for use.

5. OPERATING INSTRUCTIONS

The VEVOR electric hoist offers two modes of operation: single-line and double-line lifting.

5.1. Single-Line Operation

For lighter loads, use the single-line configuration. The hoist will lift up to 660 lbs with a maximum height of 39.4 ft and a speed of 32 ft/min.

5.2. Double-Line Operation

For heavier loads, attach the pulley hook to create a double-line configuration. This mode allows lifting up to 1320 lbs, with a maximum height of 19.7 ft and a speed of 16 ft/min. The double-line setup effectively halves the lifting speed and height but doubles the capacity.

Flexibly Adapt to Lifting Needs

Single-Line Mode



Capacity

660 lbs

Height

39.4 ft

Speed

32.8 ft/min

Dual-Line Mode



Capacity

1320 lbs

Height

19.7 ft

Speed

16.4 ft/min



Pulley Hook

Figure 5.1: Comparison of single-line and dual-line lifting modes.

5.3. Wireless Remote Control

The hoist is operated using a wireless remote control, providing a range of up to 328 feet. This allows for safe operation from a distance.

- **UP Button:** Press to raise the load.
- **DOWN Button:** Press to lower the load.
- **Emergency Stop Button:** Press this red button immediately in case of an emergency or unexpected operation to cut power to the hoist.

Easy Control, Precise and Safe

Wireless Remote Control Range up to 328 ft

328 ft



Emergency Button



Limit Switch



Anti-Spin Rope



Auto-Brake

Figure 5.2: Wireless remote control operation and safety features.

Always ensure a clear line of sight to the hoist and load during operation. Avoid operating the hoist in adverse weather conditions or environments that could interfere with the wireless signal.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VEVOR electric hoist.

- **Wire Rope Inspection:** Regularly check the steel wire rope for signs of wear, fraying, kinks, or corrosion. Replace the rope immediately if any damage is observed.
- **Hook and Latch Inspection:** Inspect the lifting hook and safety latch for deformation, cracks, or wear. Ensure

the latch operates freely.

- **Motor and Cooling System:** Keep the motor housing and cooling fan free from dust and debris to ensure proper heat dissipation.
- **Mounting Hardware:** Periodically check all mounting bolts and connections to ensure they remain tight and secure.
- **Lubrication:** Consult a qualified technician for any lubrication requirements of internal components.
- **Cleaning:** Clean the exterior of the hoist with a damp cloth. Do not use harsh chemicals or immerse the unit in water.

Always disconnect power to the hoist before performing any maintenance or cleaning.

7. TROUBLESHOOTING

If you encounter issues with your VEVOR electric hoist, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Hoist does not operate	No power supply Emergency stop engaged Remote control battery low	Check power connection and circuit breaker Release emergency stop button Replace remote control batteries
Motor runs but hoist does not lift	Overload Wire rope jammed	Reduce load to within capacity Inspect wire rope for obstructions or damage
Hoist stops during operation	Overheat protection activated Limit switch engaged	Allow motor to cool down Check if load has reached upper or lower limit
Remote control not responding	Out of range Interference Battery issue	Move closer to the hoist Reduce sources of interference Replace remote control batteries

If the problem persists after attempting these solutions, contact VEVOR customer support or a qualified technician.

8. SPECIFICATIONS

Detailed technical specifications for the VEVOR WX1320-1 Electric Hoist:

Feature	Specification
Model Number	WX1320-1
Dual-line Lifting Capacity	1320 lbs / 600 kg
Single-line Lifting Capacity	660 lbs / 300 kg
Single-line Lifting Height	39.4 ft / 12 m
Double-line Lifting Height	19.7 ft / 6 m
Single-line Lifting Speed	32 ft/min / 10 m/min
Double-line Lifting Speed	16 ft/min / 5 m/min

Feature	Specification
Motor Power	1150W
Voltage	110V~, 60Hz
Rated Rotation Speed	2800 rpm
Rated Torque	3.9 Nm
Control Method	Wireless Remote Control (328 ft / 100 m range)
Product Dimensions	15.4 x 6 x 7 inches / 390 x 150 x 180 mm
Item Weight	40.7 pounds / 18.46 kg
Material	Metal
Color	Red



Item Model Number: **WX1320-1**

Dual-line Lifting Capacity: **1320 lbs / 600 kg**

Power Cord Length: **160 cm / 5.25 ft**

Control Method: **wireless remote control**

Rated Power: **1150 W**

Voltage: **120V~, 60Hz**

Product Weight: **38.14 lbs / 17.3 kg**

Product Dimensions:

15.4 × 5.9 × 7.1 inch / 390 × 150 × 180 mm

Accessories:

1 m Metal Ring Lifting Sling

(max load 2T) x 1

4 m Lifting Sling (max load 2T) x 1

Dual-line Pulley Hook x 1

Wireless remote control x 1

Figure 8.1: Product dimensions and specifications overview.

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or parts inquiries, please contact VEVOR customer service through their official channels. Provide your product model number (WX1320-1) and purchase date for faster service.

