**Avhrit DX33**

# Avhrit Electric Glass Suction Cups (Model DX33) Instruction Manual

## 1. Introduction and Overview

The Avhrit Electric Glass Suction Cups, Model DX33, are designed for efficient and safe lifting and handling of heavy, smooth-surfaced materials such as glass, tiles, stone, and metal. This cordless vacuum lifter features an 8-inch NBR base, providing a strong grip with a maximum vertical load capacity of 200 kg (440 lbs). Its electric suction system eliminates manual pumping, making operations quicker and more secure. The integrated LCD display offers real-time pressure monitoring and battery status, enhancing user control and safety.




Figure 1: Avhrit Electric Glass Suction Cup, Model DX33.

## 2. Package Contents

Verify that all items are present in your package:

- 1x 21CM Suction Cup
- 2x 2000mAh Batteries
- 1x Instruction Manual
- 1x USB-C Charging Cable
- 1x Customised Storage Box




Figure 2: Included items in the Avhrit Electric Glass Suction Cup package.

## 3. Setup

### 3.1 Charging the Batteries

1. Insert a 2000mAh battery into the charging port located on the suction cup unit.
2. Connect the USB-C charging cable to the unit and a suitable power source.
3. Allow the battery to fully charge before first use. The LCD display will indicate charging status.




Figure 3: Charging the 2000mAh battery using the USB-C cable.

### 3.2 Preparing the Suction Cup

1. Ensure the NBR suction pad is clean and free of dust, debris, or moisture. Wipe with a clean, damp cloth if necessary.
2. Verify that the battery is securely inserted into the unit.

## 4. Operating Instructions

### 4.1 Powering On and Applying Suction

1. Place the suction cup firmly onto the clean, smooth surface of the material you intend to lift.
2. Press and hold the power button for 2 seconds to activate the electric vacuum. The unit will begin to create suction, and the LCD display will show the increasing pressure in kilograms (KG).
3. The unit will automatically stop when sufficient suction is achieved (up to 200 KG).

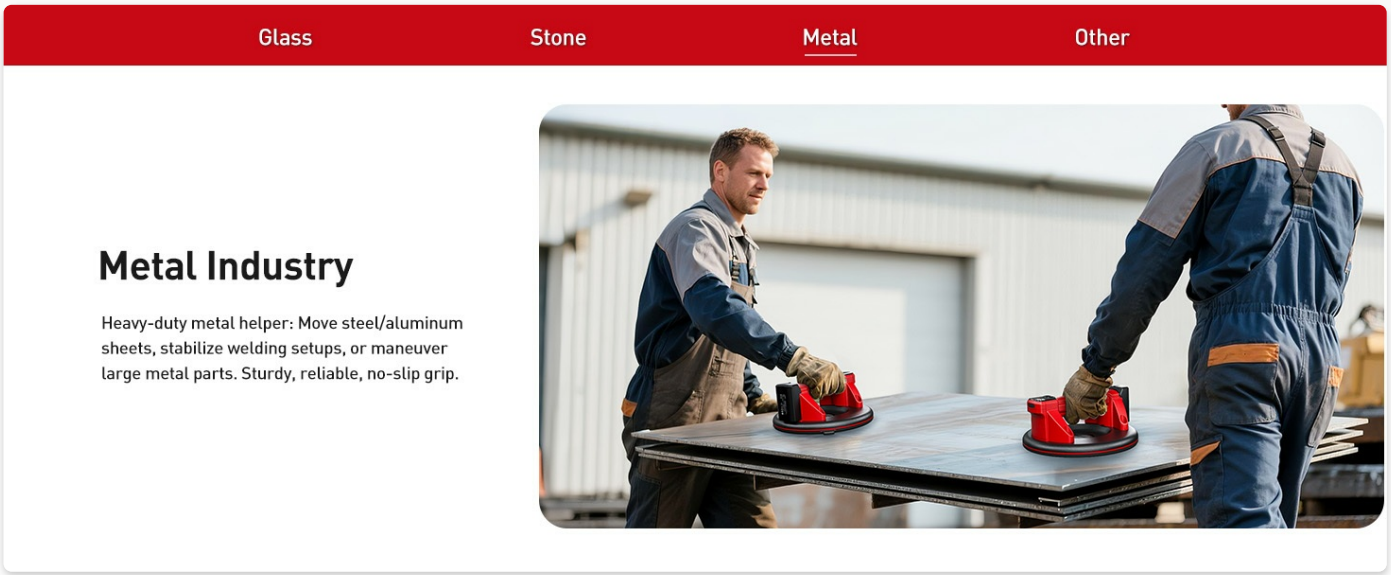



Figure 4: Applying the suction cup to a surface.

### 4.2 Monitoring Suction and Automatic Replenishment

The LCD Smart Monitoring Display shows the current suction pressure in KG and the remaining battery power. If the suction pressure drops below 170 KG, the unit will automatically activate to replenish the vacuum, ensuring a continuous and secure grip.




Figure 5: LCD Smart Monitoring Display.

### 4.3 Releasing Suction

To release the suction, double-tap the power button. The unit will quickly release the vacuum, allowing you to detach it from the material.

### 4.4 Applications

This electric suction cup is suitable for a wide range of materials and tasks:

- **Glass Industry:** Ideal for installing home glass, auto repairs, and window installations.
- **Stone Industry:** Perfect for laying tiles, lifting marble/granite slabs, and holding materials during cutting or carving.
- **Metal Industry:** Useful for moving steel/aluminum sheets, stabilizing welding setups, or maneuvering large metal parts.
- **Home & Daily Use:** Assists in moving furniture, securing mirrors, or gliding heavy appliances.




Figure 6: Materials compatible with the suction cup.



Figure 7: Suction cup in use for tile installation.

## 5. Maintenance

### 5.1 Cleaning the Suction Pad

Regularly clean the NBR suction pad to ensure optimal performance. Use a soft, damp cloth to wipe away any dust, dirt, or residue. Ensure the pad is completely dry before storage or next use.

### 5.2 Self-Cleaning System

The unit features a reverse airflow self-cleaning system that helps clear debris and moisture, extending the lifespan of the electric glass lifter, especially in dusty or humid environments.

### 5.3 Storage

Always store the suction cup in its customized storage box when not in use. This protects the suction pad and internal components from damage and environmental factors.

## 6. Troubleshooting

- **Loss of Suction:** Ensure the surface is clean, dry, and non-porous. Check for any damage or wear on the NBR suction pad. The automatic air-replenishment system should engage if pressure drops below 170 KG.
- **Unit Not Powering On:** Check the battery level on the LCD display. Recharge the battery if it is low. Ensure the battery is properly seated in the unit.
- **Inaccurate Pressure Reading:** Ensure the suction pad is making full contact with the surface without any gaps.

## 7. Specifications

- **Model Number:** DX33
- **Product Dimensions:** 8.27 x 8.27 x 6.3 inches
- **Item Weight:** 6.61 pounds
- **Max. Vertical Load:** 200 KG (440 LBS)
- **Suction Pad Diameter:** 21 cm (8 inches)
- **Battery Capacity:** 2000mAh (per battery)
- **Manufacturer:** Avhrit

## 8. Warranty and Support

### 8.1 Warranty Information

Avhrit offers a 30-day unconditional return policy for this product. For specific warranty details beyond this period, please refer to the documentation provided with your purchase or contact customer support.

### 8.2 Customer Support

For lifetime service and technical support, please contact Avhrit customer service. You can also visit the official Avhrit Store for more information and product resources: Avhrit Store.


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