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› vidaXL Electric Retractable Awning Instruction Manual - Model 3426075

vidaXL 3426075

vidaXL Electric Retractable Awning Instruction Manual

Model: 3426075

1. INTRODUCTION

Thank you for choosing the vidaXL Electric Retractable Awning. This manual provides essential information for the safe installation, operation, and maintenance of your awning. Please read these instructions carefully before assembly and use, and retain them for future reference. This awning is designed for outdoor use only, providing effective sun protection for your patio or garden.



Image 1.1: The vidaXL Electric Retractable Awning providing shade over an outdoor seating area.

2. SAFETY INSTRUCTIONS

- **Read all instructions:** Ensure you understand all assembly and operating instructions before use.
- **Outdoor use only:** This product is designed exclusively for outdoor environments.
- **Weather conditions:** Retract the awning during strong winds, heavy rain, or snow to prevent damage.
- **Electrical safety:** Ensure all electrical connections for the motor and solar panel are secure and protected from moisture. Do not operate with damaged cables.
- **Children and pets:** Keep children and pets away from the awning during operation.
- **Mounting:** The awning must be securely mounted to a sturdy wall or structure capable of supporting its weight and operational forces. Professional installation is recommended if you are unsure.
- **Maintenance:** Regularly inspect the awning for wear, damage, or loose parts. Do not use if damaged.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly:

- 1 x Electric Retractable Awning unit (including fabric, frame, and motor)
- 1 x Solar Panel Charger
- 1 x Remote Control
- 1 x Hand Crank (165 cm length)
- Mounting Accessories (screws, brackets, etc.)
- Instruction Manual



Image 3.1: Complete awning unit with solar panel.



Image 3.2: The included solar panel charger.

4. SPECIFICATIONS

Model Number	3426075
Color	Light Grey and White
Frame Color	Anthracite
Material	100% Polyester and Aluminum
Frame Material	Powder-coated steel, aluminum
Fabric Weight	270 gsm
Hand Crank Length	165 cm
Product Dimensions (L x W x H)	400 x 300 x 165 cm
Item Weight	21.2 kg
Operation	Manual and Electric (with remote control)
Power Source	Solar Panel Charger
Assembly Required	Yes

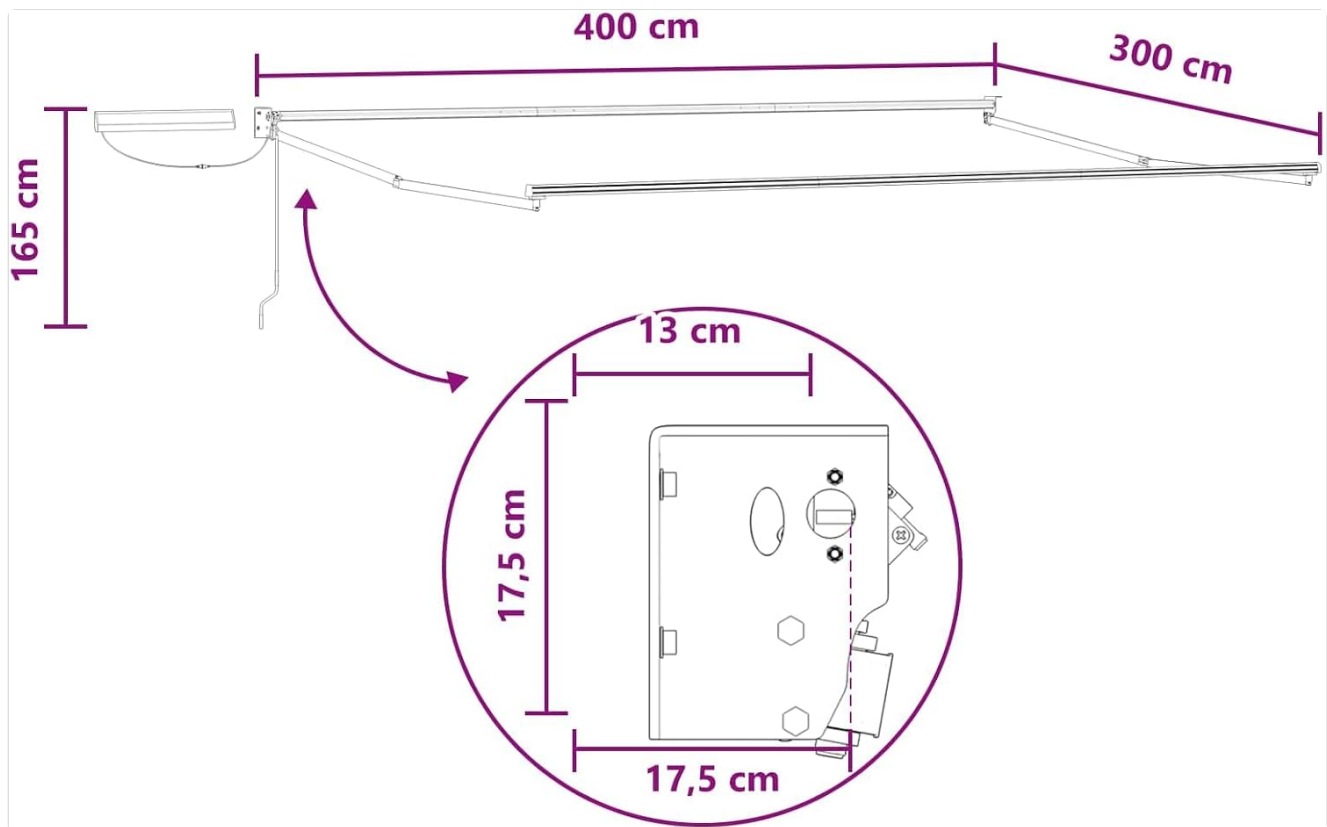


Image 4.1: Awning dimensions overview.

5. INSTALLATION GUIDE

Assembly is required for this awning. Follow these steps carefully. It is recommended to have at least two people for installation due to the size and weight of the unit.

5.1 Mounting the Awning Frame

1. **Choose Location:** Select a sturdy wall or structure capable of supporting the awning's weight. Ensure there is sufficient clearance for extension.
2. **Install Brackets:** Mark and drill holes for the mounting brackets according to the provided template. Securely fasten the brackets to the wall using appropriate hardware for your wall type.
3. **Attach Awning:** Carefully lift the awning unit and attach it to the installed mounting brackets. Ensure it is level and securely locked into place.



Image 5.1: Assembling the retractable arms to the main awning unit.

5.2 Connecting the Solar Panel

1. **Mount Solar Panel:** Install the solar panel in a location that receives maximum direct sunlight throughout the day, typically above or near the awning.
2. **Connect Wiring:** Connect the solar panel's output cable to the awning motor's input port. Ensure a secure and weather-protected connection.

5.3 Adjusting Arm Angle

The awning's pitch can be adjusted to optimize shade. Refer to the diagram for adjustment points.

1. **Locate Adjustment Screws:** Identify the adjustment screws on the awning arms, typically near the mounting brackets.
2. **Adjust Pitch:** Use the appropriate tool to loosen the screws slightly, adjust the arm angle to your desired pitch, and then securely tighten the screws. Ensure both arms are adjusted evenly.



Image 5.2: Adjusting the awning arm angle.



Image 5.3: Detailed views of awning components.

6. OPERATING INSTRUCTIONS

Your vidaXL Electric Retractable Awning offers both electric and manual operation.

6.1 Electric Operation (Remote Control)

1. **Power On:** Ensure the solar panel is connected and charging the internal battery.
2. **Extend Awning:** Press the **UP** button on the remote control to extend the awning.
3. **Retract Awning:** Press the **DOWN** button on the remote control to retract the awning.
4. **Stop:** Press the **STOP** (circle) button to halt the awning at any desired position.

6.2 Manual Operation (Hand Crank)

In case of power failure or a lost remote control, the awning can be operated manually.

1. **Locate Crank Hook:** Find the hook for the hand crank, usually located on the side of the awning motor.
2. **Insert Crank:** Insert the hand crank into the hook.
3. **Extend/Retract:** Turn the crank clockwise to extend the awning and counter-clockwise to retract it.

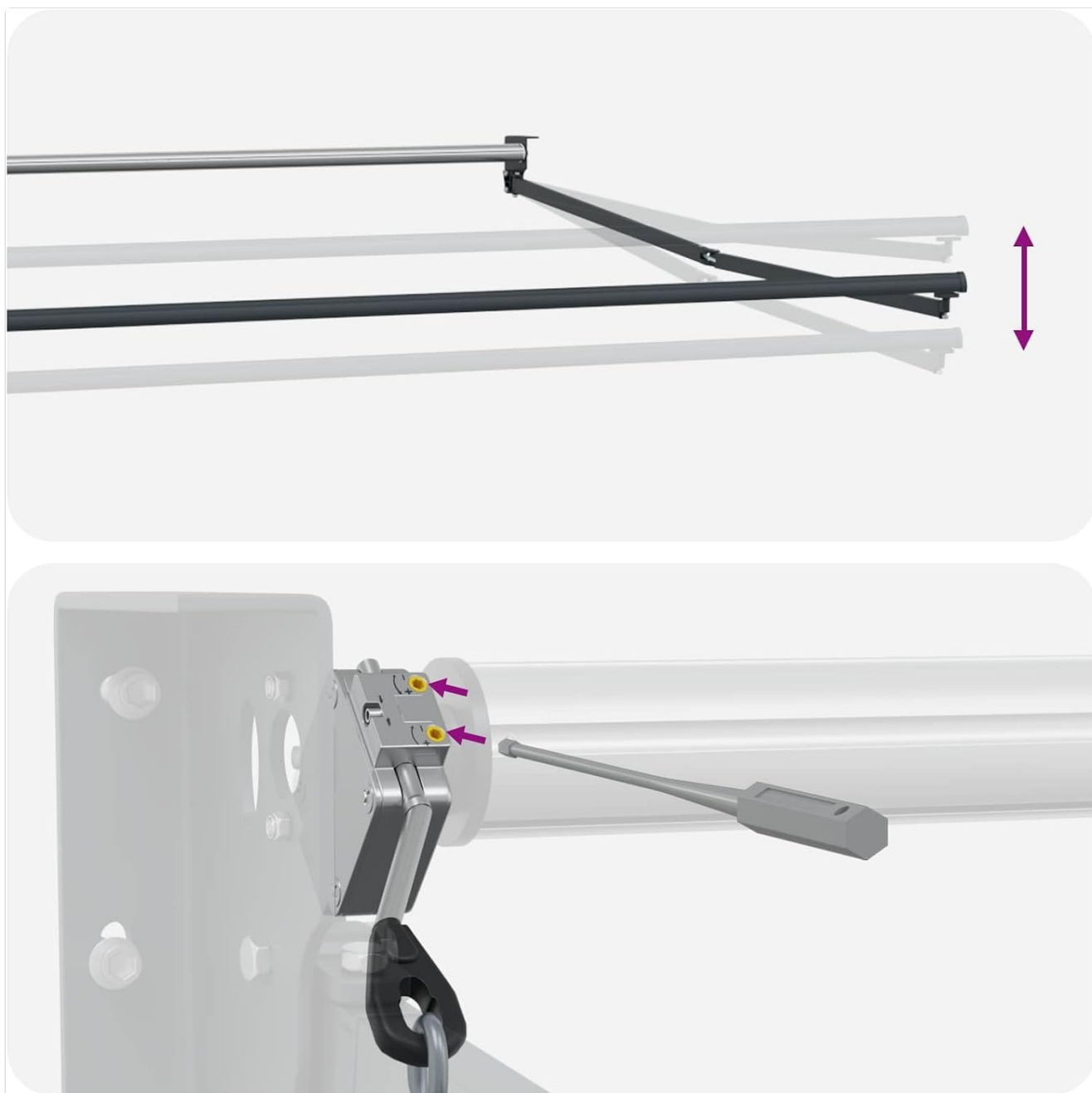


Image 6.1: Manual hand crank and remote control for operation.

7. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your awning.

- **Fabric Cleaning:** Clean the polyester fabric with a damp cloth and mild soap. *Do not use harsh chemical agents* as these can damage the fabric's weather-resistant properties. Allow the fabric to dry completely before retracting the awning to prevent mildew.
- **Frame Cleaning:** Wipe the aluminum and powder-coated steel frame with a damp cloth to remove dirt and debris.
- **Solar Panel Inspection:** Regularly inspect the solar panel for dirt, leaves, or obstructions that might reduce its charging efficiency. Clean gently with a soft, damp cloth.
- **Moving Parts:** Periodically check all moving parts, such as the arms and roller, for smooth operation. Lubricate if necessary with a silicone-based spray.
- **Fasteners:** Ensure all mounting screws and fasteners remain tight. Retighten if any looseness is detected.



Image 7.1: Awning fabric detail.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Awning does not extend/retract electrically.	Low battery charge, remote control issue, motor malfunction.	Check solar panel for obstructions and ensure it's charging. Replace remote control batteries. Try manual operation. If problem persists, contact support.
Awning extends/retracts unevenly.	Uneven arm tension or adjustment.	Refer to Section 5.3 to adjust arm angles evenly.
Awning makes unusual noises during operation.	Lack of lubrication, loose fasteners, debris in mechanism.	Lubricate moving parts. Check and tighten all fasteners. Inspect for and remove any debris.
Solar panel not charging.	Panel obstructed, dirty, or faulty connection.	Ensure panel is clean and receives direct sunlight. Check cable connections.

9. WARRANTY & SUPPORT

For warranty information, please refer to the purchase documentation or contact vidaXL customer service directly. Keep your proof of purchase for any warranty claims. If you require further assistance, have questions about installation, operation, or maintenance, please contact vidaXL customer support:

- **Website:** www.vidaxl.nl (or your regional vidaXL website)
- **Contact Information:** Refer to the 'Contact Us' section on the vidaXL website for phone numbers or email support.