



Manuals.plus /

› DENFOON /

› DENFOON M1320 Motorized Blinds with Remote and Solar Panel - User Manual

DENFOON M1320

DENFOON M1320 Motorized Blinds with Remote and Solar Panel - User Manual

Model: M1320 | Brand: DENFOON

1. INTRODUCTION

Thank you for choosing DENFOON Motorized Blinds. This manual provides detailed instructions for the installation, operation, and maintenance of your new thermal blackout electric shades with a complimentary solar panel. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.

2. PRODUCT FEATURES

- **Integrated Solar Panel:** Harness solar energy for continuous operation, reducing electricity costs and environmental impact. Ensures functionality even during power outages.
- **Motorized Operation:** Cordless design for enhanced safety and effortless control via remote.
- **Thermal Blackout Fabric:** Triple-layer fabric provides 100% light opaque, UV protection, and thermal insulation, keeping interiors cooler in summer and warmer in winter.
- **Quiet Motor:** Operates silently, suitable for nurseries and quiet environments.
- **Rechargeable Battery:** Long-lasting battery, complemented by solar charging, minimizes the need for frequent manual recharging.
- **Smart Home Ready (Optional Hub):** Compatible with smart home systems for voice control via devices like Google Assistant or Amazon Alexa (requires optional hub).
- **Adjustable Height:** Shade height can be adjusted from 0 to 72 inches.

3. PACKAGE CONTENTS

Please verify that all components are present before proceeding with installation.



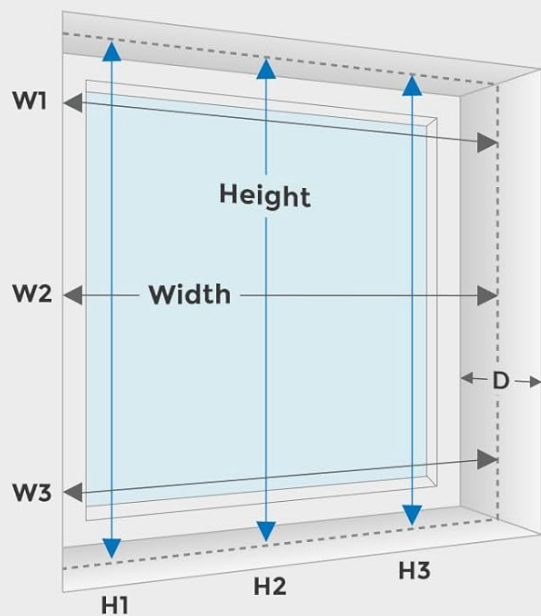
Image showing the various components included in the package: the motorized blind unit, a valance cover, two sets of mounting accessories (brackets, screws, anchors), a remote control, and a solar panel (versions shipped randomly).

- Motorized Blind Unit
- Valance Cover
- Mounting Accessories (Brackets, Screws, Wall Anchors)
- Remote Control
- Solar Panel (Complimentary)
- Lithium Ion Battery (pre-installed)

4. INSTALLATION

4.1 Measuring Your Window

Accurate measurements are crucial for proper fit. Determine whether you will use an Inside Mount or Outside Mount installation.

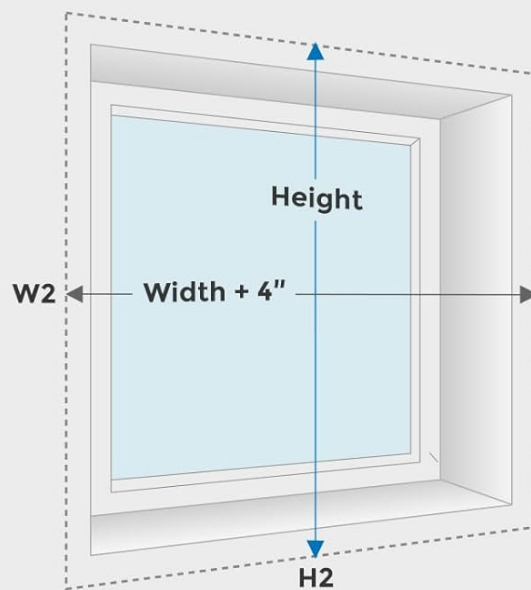


Inside Mount

- **Width** = **Minimum** of the inside frame widths of the window (**W1, W2, W3**)
- **Height** = **Minimum** of the inside frame heights of the window (**H1, H2, H3**)

! Important

1. Minimum 2 1/2" of window frame depth required
2. You need to make a 1/4 deduction on the width; To make sure you get the best fit.
3. Rounded down to the nearest 1/8"



Outside Mount

- **Width** = Width of the ideal area to be covered (W)
- **Height** = Height of the ideal area to be covered (H)

! Important

1. Minimum clearance of 2" of flat surface above the window frame is required.
2. We recommend adding at least 2" on each side of the window. For the maximum light blockage, add at least 4" to each side to the window frame's width and height.
3. Round to the nearest 1/8"

You measure the actual width of the window, not the curtain size, and the fabric width is always 1 inch less than the shell. Contact us if you need further assistance with measuring.

This image illustrates the measurement process for both inside and outside mount installations. For inside mount, measure width (W1, W2, W3) and height (H1, H2, H3) at three points, taking the minimum for each. For outside mount, measure the ideal area to be covered, adding 4 inches to the window width and height for maximum light blockage.

Inside Mount:

- **Width:** Measure the inside frame width at three points (top, middle, bottom). Use the minimum measurement (W1, W2, W3). Deduct 1/4 inch from this minimum width.
- **Height:** Measure the inside frame height at three points (left, center, right). Use the minimum measurement (H1, H2, H3).
- **Important:** A minimum window frame depth of 2 1/2 inches is required. Round down to the nearest 1/8 inch.



Diagram showing how to measure for an inside mount. It highlights measuring the window's width (W) and height (H) from top, center, and bottom, and also the depth (D) of the window frame.

Outside Mount:

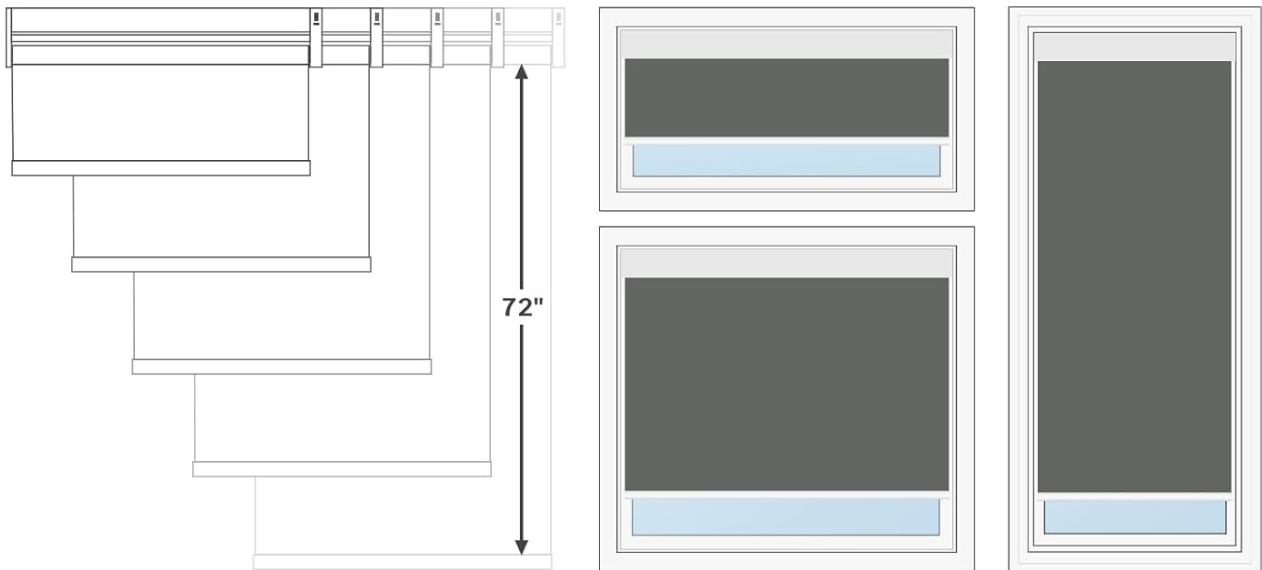
- **Width:** Measure the width of the ideal area to be covered. We recommend adding at least 2 inches on each side of the window for maximum light blockage (total +4 inches).
- **Height:** Measure the height of the ideal area to be covered. We recommend adding at least 4 inches to the window height.
- **Important:** No need to measure window depth. Round to the nearest 1/8 inch.



Diagram showing how to measure for an outside mount. It illustrates measuring the desired width (W) and height (H) to cover the window and surrounding area.

Note: When ordering roller shades, the fabric width will always be made at least 1 inch narrower than the product width ordered. The height can be adjusted anywhere from 0" to 72".

The height can be adjusted anywhere from 0" to 72"



When ordering roller shades, the fabric will always be made at least 1" narrower than the width ordered



This image shows that the fabric width is typically 1 inch less than the total product width. It also illustrates that the shade height is adjustable from 0 to 72 inches.

4.2 Mounting the Blinds

Detailed instructions for mounting brackets and installing the blind unit will be provided in the separate installation guide included with your product. Ensure brackets are securely fastened to a stud or using appropriate wall anchors.

4.3 Solar Panel Installation

The complimentary solar panel should be firmly inserted into the motor's charging socket. Position the solar panel where it receives maximum direct sunlight to ensure optimal charging and extend battery life.

Advantages of solar panels

No need to replace the battery frequently

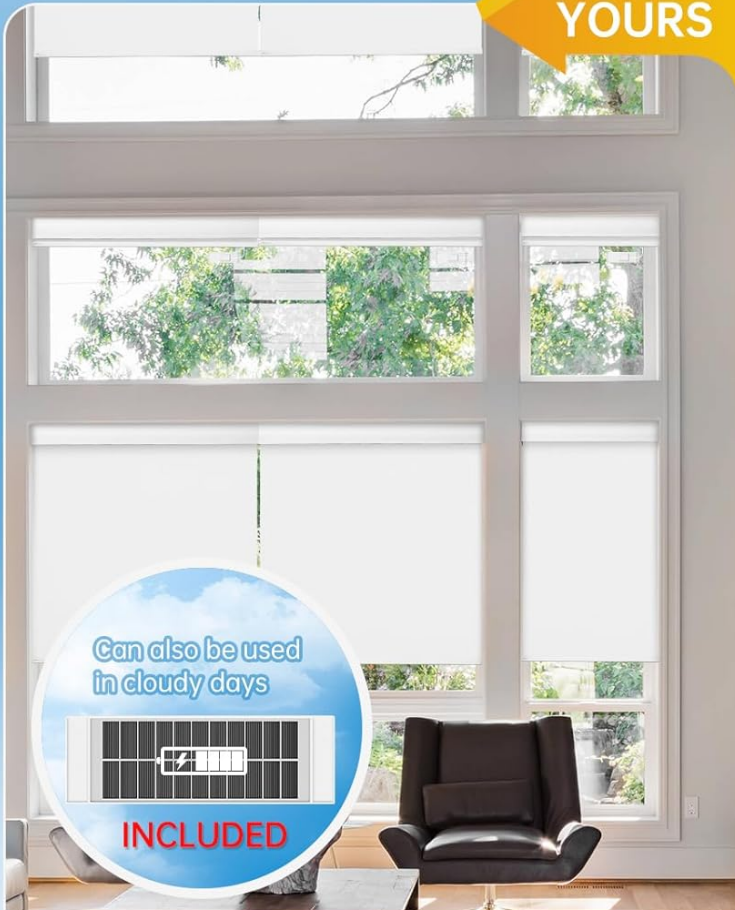
VS

Changing the batteries is troublesome.

Batteries also pollute the environment

YOURS

OTHERS



Get your free solar panels now during our exclusive event!



Hassel of replacing the batteries

This image shows the solar panel connected to the blind's motor, indicating it charges the internal battery using sunlight.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Operation

Your DENFOON motorized blinds come with a remote control for easy operation. A single-channel remote controls one blind, while an optional 15-channel remote can control up to 15 blinds simultaneously.



This image displays a person using a remote control to operate multiple motorized blinds, highlighting the convenience of controlling up to 15 blinds with one remote.

- **Up Button:** Raises the blind.
- **Down Button:** Lowers the blind.
- **Stop Button:** Stops the blind at any desired position.
- **Channel Selection (15-channel remote):** Use the channel buttons to select the specific blind or group of blinds you wish to control.

5.2 Smart Home Integration (Optional Hub Required)

To enable voice control and app control, an optional smart hub is required. Once connected, you can integrate your blinds with smart home assistants like Google Assistant or Amazon Alexa.

Your browser does not support the video tag.

This video demonstrates the various control methods for DENFOON motorized blinds, including remote control, voice control via smart assistants (requiring an optional hub), and app control (also requiring an optional hub). It shows the blinds opening and closing using these methods.

- **Voice Control:** After connecting to a smart hub and integrating with your preferred voice assistant, you can use commands like "Alexa, open the blinds" or "Hey Google, close the living room shades."
- **App Control:** Download the compatible smart home app, connect your hub, and control your blinds from your smartphone. You can also set schedules for automatic opening and closing.



This image illustrates the use of a mobile application to set schedules for the motorized blinds, allowing them to rise or fall at fixed times.



This image depicts a user interacting with a smart speaker (Alexa) to control the motorized blinds using voice commands, demonstrating hands-free operation.

6. CHARGING THE BLINDS

Your motorized blinds are equipped with a rechargeable battery and a complimentary solar panel for continuous charging. In situations where solar charging is insufficient, alternative charging methods are available.



This image illustrates three ways to charge the motorized blinds: 1) via the complimentary solar panel, 2) by plugging into a standard wall socket, and 3) using a power bank.

- **Solar Panel Charging:** The primary method. Ensure the solar panel is positioned to receive adequate sunlight.
- **Socket Charging:** Connect the provided charging cable to the motor and a standard wall outlet.
- **Power Bank Charging:** For convenience, the blinds can also be charged using a compatible power bank.

7. MAINTENANCE

- **Cleaning:** Spot clean only. Use a soft, damp cloth with mild soap for any stains. Do not immerse the fabric or motor in water.

- **Wrinkle Removal:** If wrinkles occur during transportation, simply unfold the blind and let it sit in a well-ventilated area for a few days. Wrinkles typically disappear within 3 days. A garment steamer can also be used for quick removal.
- **Solar Panel:** Periodically wipe the solar panel clean to ensure optimal light absorption.



This image shows a hand using a garment steamer to smooth out wrinkles on fabric, demonstrating a method for wrinkle removal from the blind material.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blinds not responding to remote.	<ul style="list-style-type: none"> ◦ Remote battery low or dead. ◦ Blinds battery low or dead. ◦ Remote not paired with blinds. 	<ul style="list-style-type: none"> ◦ Replace remote battery. ◦ Charge blinds using solar panel or power adapter. ◦ Refer to pairing instructions in the full manual.
Blinds move slowly or intermittently.	<ul style="list-style-type: none"> ◦ Low battery. ◦ Obstruction in the blind's path. 	<ul style="list-style-type: none"> ◦ Charge blinds fully. ◦ Check for and remove any obstructions.
Solar panel not charging effectively.	<ul style="list-style-type: none"> ◦ Insufficient sunlight. ◦ Panel is dirty. 	<ul style="list-style-type: none"> ◦ Adjust panel position for more direct sunlight. ◦ Clean the solar panel surface.
Voice/App control not working.	<ul style="list-style-type: none"> ◦ Optional smart hub not connected or configured. ◦ Internet connectivity issues. 	<ul style="list-style-type: none"> ◦ Ensure smart hub is properly set up and connected to your network. ◦ Check your Wi-Fi connection.

9. SPECIFICATIONS

Model Number	M1320
Brand	DENFOON
Product Dimensions	36"W x 72"H (72"L x 36"W)
Material	Polyester
Color	White (A-white)
Opacity	Blackout
Operation Mode	Automatic (Motorized, Remote-controlled)
Special Features	Eco-Friendly, Fade Resistant, Light Filtering, Thermal Insulation, UV Protection
Included Components	Batteries (Lithium Ion, included), Solar Panel
Power Source	Rechargeable Battery, Solar Panel
Smart Home Compatibility	Smart Home Compatible (with optional hub)
Product Care	Spot Clean Only

10. WARRANTY AND SUPPORT

DENFOON is committed to providing top-tier customer service. For any questions or issues during installation, operation, or after-sales support, please contact our customer service team. Your satisfaction is our utmost priority. Please refer to the warranty card included with your product for specific warranty terms and conditions. For direct support, visit the DENFOON Store on Amazon or contact us through the platform where you purchased the product.

