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> DENFOON Motorized Blinds User Manual

## DENFOON M1320

# DENFOON Motorized Blinds User Manual

Model: M1320

Brand: DENFOON

## INTRODUCTION

Thank you for choosing DENFOON Motorized Blinds. This manual provides comprehensive instructions for the installation, operation, and maintenance of your new motorized roller shades. Designed for convenience and energy efficiency, these blinds feature remote control operation, a complimentary solar panel for charging, and blackout thermal fabric. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.



Image: Overview of DENFOON Motorized Blinds, highlighting solar panel charging and potential smart home integration (optional hub required).

## SAFETY INFORMATION

- Keep the remote control out of reach of children to prevent accidental operation.
- Ensure all mounting hardware is securely fastened to prevent the blinds from falling.
- Do not attempt to manually force the blinds up or down when the motor is engaged.

- Avoid exposing the motor or electrical components to water or excessive moisture.
- If any part of the blind is damaged, discontinue use and contact customer support.
- The solar panel should be firmly inserted into the socket to ensure proper charging and extend motor lifespan.

## WHAT'S IN THE BOX

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Verify that all components are present before beginning installation:

- Motorized Blind Unit (with integrated motor)
- Valance Cover
- Mounting Brackets (Accessories group 1)
- Additional Accessories (Accessories group 2 - screws, anchors)
- Remote Control
- Solar Panel (New or Old Version, shipped randomly)
- User Manual (this document)



Image: Visual representation of all items included in the product package.

## SETUP AND INSTALLATION

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Proper measurement and installation are crucial for optimal performance. Please follow these steps carefully.

### 1. Measuring Your Window

Determine whether you will use an Inside Mount or Outside Mount before measuring.

#### Inside Mount:

- Measure the width (W1, W2, W3) at the top, middle, and bottom of the window frame. Use the **minimum** of these three measurements for your order width.
- Measure the height (H1, H2, H3) at the left, middle, and right of the window frame. Use the **minimum** of these three measurements for your order height.
- A deduction of approximately 1/4 inch will be made on the width for a proper fit.
- Minimum window depth of 2 inches is required.
- Round down to the nearest 1/8 inch.



Image: Detailed diagrams for measuring windows for both inside and outside mount installations.

### Outside Mount:

- Measure the width of the ideal area to be covered (W). We recommend adding at least 2 inches on each side of the window for maximum light blockage (total width = window width + 4 inches).
- Measure the height of the ideal area to be covered (H). We recommend adding at least 4 inches to the window frame's height.
- No need to measure window depth for outside mount.
- Round to the nearest 1/8 inch.

Note: The fabric width of the blind will always be at least 1 inch narrower than the ordered product width to allow for hardware clearance.



Image: Table illustrating product width versus actual fabric width, showing the 1-inch difference for hardware.

## 2. Mounting the Brackets

1. Mark the positions for your mounting brackets based on your chosen mount type (inside or outside). Ensure they are level.
2. Drill pilot holes at the marked positions. If drilling into drywall, insert the provided anchors.
3. Securely fasten the mounting brackets using the provided screws.

## 3. Installing the Blind Unit

1. Carefully align the motorized blind unit with the installed brackets.
2. Snap the blind unit into place on the brackets. Ensure it is securely seated.
3. Attach the valance cover to the front of the blind unit for a finished look and enhanced blackout.

## 4. Connecting the Solar Panel

The complimentary solar panel helps maintain the battery charge. Firmly insert the solar panel's cable into the charging port on

the blind unit. Position the solar panel where it receives maximum direct sunlight.



Image: Illustration of the solar panel connected to the blind unit, providing continuous power.

Alternatively, the blinds can be charged via a standard socket adapter or a power bank if solar charging is not feasible or sufficient.



Image: Visual guide showing three charging methods: solar panel, wall socket, and power bank.

## OPERATING INSTRUCTIONS

### Using the Remote Control

The remote control allows for effortless adjustment of your blinds. Familiarize yourself with the buttons:

- **Up Arrow:** Raises the blind.
- **Down Arrow:** Lowers the blind.
- **Stop/Pause Button:** Stops the blind at its current position.
- **Channel Selection:** If you have multiple blinds, use the channel buttons to select which blind(s) to control. One remote can control up to 15 blinds.



Image: A user operating multiple blinds with a single remote control, demonstrating multi-channel functionality.

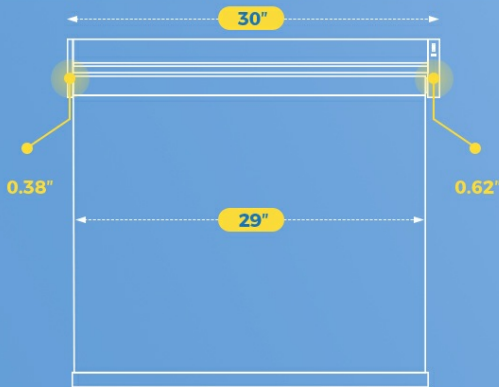
### Adjusting Blind Height Limits

The blinds can be adjusted to any height between 0 and 72 inches. Refer to the specific instructions provided with your remote for setting upper and lower limits.

## Choose the size that suits you

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

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



Product Width	20"	21"	22"	23"	24"	25"	26"	27"	28"	29"
Fabric Width	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"

Product Width	30"	31"	32"	33"	33 $\frac{3}{4}$ "	34"	34 $\frac{1}{4}$ " (34.3)	34 $\frac{1}{2}$ " (34.5)	35"	35 $\frac{1}{2}$ " (35.5)
Fabric Width	29"	30"	31"	32"	32 $\frac{3}{4}$ "	33"	33 $\frac{1}{4}$ " (33.3)	33 $\frac{1}{2}$ " (33.5)	34"	34 $\frac{1}{2}$ " (34.5)

Product Width	36"	37"	38"	39"	40"	41"	42"	43"	44"	45"
Fabric Width	35"	36"	37"	38"	39"	40"	41"	42"	43"	44"

Product Width	46"	47"	48"	50"	52"	55"	58"
Fabric Width	45"	46"	47"	49"	51"	54"	57"

Image: Diagram showing the adjustable height range of the blinds from 0 to 72 inches.

## Smart Home Integration (Optional)

For advanced control, you can integrate your DENFOON blinds into a smart home system using an optional hub (sold separately). This allows for:

- **Voice Control:** Control your blinds using voice commands with compatible smart assistants (e.g., Alexa, Google Assistant).
- **App Control:** Operate your blinds from your smartphone or tablet via a dedicated app (e.g., Tuya app).
- **Scheduling:** Set automated schedules for your blinds to open or close at specific times.

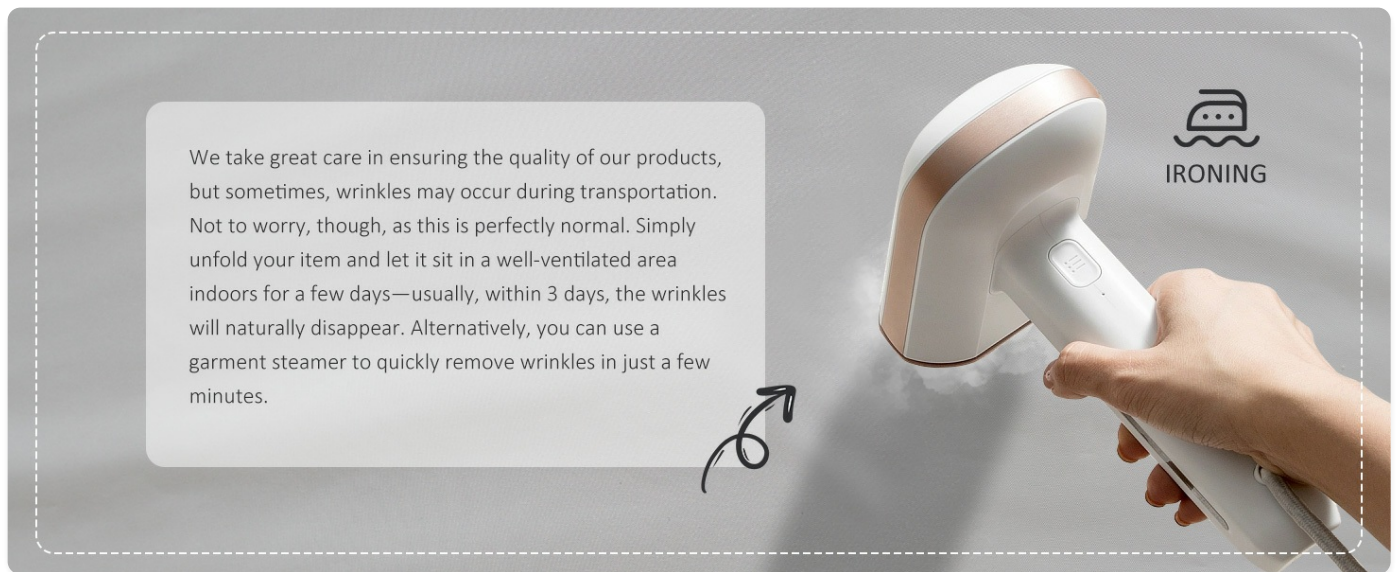


Image: A user setting a schedule for their motorized blinds using a mobile application.

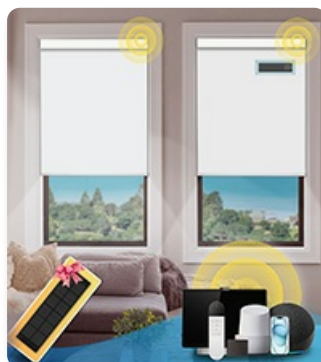


Image: A person using voice commands to control the blinds through a smart home device.

## MAINTENANCE

- **Cleaning:** Spot clean the fabric with a damp cloth and mild detergent. Do not immerse the blinds in water or use harsh chemicals.
- **Wrinkle Removal:** If wrinkles occur during transportation, simply unfold the blind and let it sit in a well-ventilated area indoors for a few days. Wrinkles will naturally disappear. Alternatively, a garment steamer can be used for quick removal.
- **Battery Care:** The integrated battery is designed for long life, especially with solar panel charging. If the blinds become unresponsive, ensure the solar panel is receiving adequate light or charge the battery directly using a socket adapter or power bank.
- **Solar Panel:** Keep the solar panel clean and free of dust or debris to ensure efficient charging.



Image: A hand using a garment steamer to smooth out wrinkles on the blind fabric.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Blinds not responding to remote.	Low battery in remote or blind unit; remote not paired; incorrect channel selected.	Replace remote batteries. Charge blind unit via solar panel or direct power. Re-pair remote if necessary (refer to remote pairing instructions). Ensure correct channel is selected.
Blinds move slowly or intermittently.	Low battery in blind unit.	Charge the blind unit fully. Ensure solar panel is clean and receiving adequate sunlight.
Blinds stop at incorrect positions.	Upper/lower limits need resetting.	Refer to the remote control instructions for resetting the upper and lower travel limits.
Motor makes unusual noise.	Obstruction; internal issue.	Check for any obstructions in the blind's path. If noise persists, contact customer support.

Problem	Possible Cause	Solution
Wrinkles in fabric.	Packaging/transportation.	Allow blind to hang for a few days in a well-ventilated area, or use a garment steamer.

## SPECIFICATIONS

Feature	Detail
Model Number	M1320
Dimensions (as per product)	35"W x 72"H (72"L x 35"W)
Material	Polyester
Color	A-white
Opacity	Blackout
Operation Mode	Automatic (Motorized)
Control Type	Remote Control (RF)
Power Source	Rechargeable Lithium Ion Battery (included), Solar Panel Charging, Socket Charging, Power Bank Charging
Special Features	Eco-Friendly, Fade Resistant, Light Filtering, Thermal Insulation, UV Protection, Quiet Operation (<35dB)
Mounting Type	Inside Mount, Outside Mount
Item Weight	4.69 pounds (2.13 Kilograms)

## WARRANTY AND SUPPORT

DENFOON is committed to providing high-quality products and excellent customer service. For any questions, issues during installation, operation, or after-sales support, please contact our customer service team. Your satisfaction is our utmost priority. Please refer to your purchase documentation or the DENFOON official website for specific warranty details and contact information.