

DENFOON M1320

DENFOON Motorized Thermal Blackout Blinds with Solar Panel

MODEL: M1320

This manual provides instructions for the installation, operation, and maintenance of your DENFOON Motorized Thermal Blackout Blinds.

1. PRODUCT OVERVIEW

The DENFOON Motorized Thermal Blackout Blinds offer convenient light control and energy efficiency. Featuring a remote control for effortless operation and a complimentary solar panel for continuous charging, these blinds are designed for modern living spaces. The triple-layer thermal fabric provides complete blackout, UV protection, and insulation against heat and cold.

Key Features:

- **Motorized Operation:** Control blinds with a remote for ease of use.
- **Solar Panel Charging:** Includes a solar panel for eco-friendly and continuous power, reducing the need for frequent recharging.
- **Thermal Blackout Fabric:** Triple-layer fabric provides 100% light opacity, UV protection, and thermal insulation.
- **Quiet Motor:** Designed for silent operation, suitable for any room.
- **Optional Smart Home Integration:** Compatible with smart home systems via an optional hub for voice and app control.

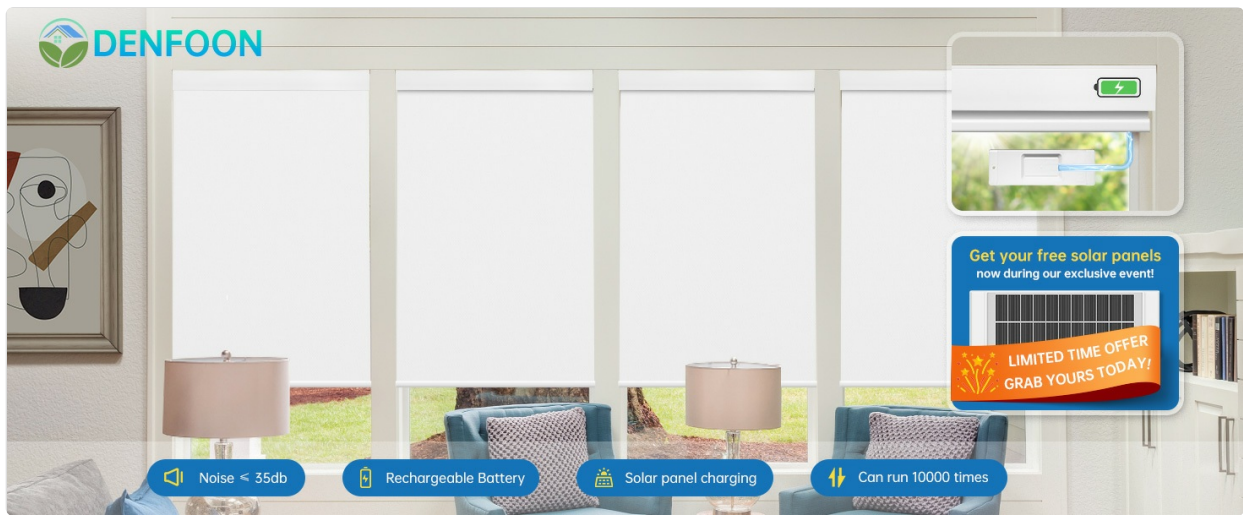


Image 1.1: Overview of DENFOON Motorized Blinds with remote, solar panel, and smart home integration options.

2. PACKAGE CONTENTS

Before beginning installation, please ensure all components are present:

- Motorized Blind Unit
- Valance Cover
- Mounting Brackets (Accessories Group 1)
- Screws and Wall Anchors (Accessories Group 2)
- Remote Control
- Solar Panel (New or Old Version, shipped randomly)



Image 2.1: Contents of the DENFOON Motorized Blinds package.

3. INSTALLATION GUIDE

Follow these steps for proper installation of your motorized blinds. You can choose between inside mount or outside mount options based on your window frame.

3.1 Measuring Your Window

Accurate measurements are crucial for a proper fit. Always measure the actual width of the window, not the curtain size.

- **Inside Mount:** Measure the minimum width (W1, W2, W3) and minimum height (H1, H2, H3) of the inside frame. Deduct 1/4 inch from the width for the order size. A minimum window depth of 2 inches is required.
- **Outside Mount:** Measure the width of the ideal area to be covered (W) and add at least 2 inches on each side for maximum light blockage. Measure the height of the ideal area to be covered (H). No need to measure window depth.



Image 3.1: Diagram for inside mount measurements.

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 $\frac{1}{2}$ " (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 3.2: Diagram for outside mount measurements.

3.2 Mounting the Brackets

1. Mark the desired positions for the mounting brackets on your window frame or wall. Ensure they are level and spaced appropriately for the blind's width.
2. Drill pilot holes at the marked locations.
3. Insert wall anchors if drilling into drywall.
4. Secure the mounting brackets using the provided screws.

3.3 Attaching the Blind Unit

1. Carefully align the motorized blind unit with the installed brackets.
2. Snap or slide the blind unit into place until it is securely fastened.
3. Attach the valance cover to the front of the headrail for a finished look.

3.4 Solar Panel Installation

The solar panel can be attached to the window glass using adhesive strips or suction cups (if provided) to ensure it receives maximum sunlight for charging.

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Video 3.1: A visual guide demonstrating the installation process for the DENFOON Motorized Blinds.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Operation

Your blinds come with a single-channel remote control. An optional 15-channel remote is available for controlling multiple blinds simultaneously.

- Press the **Up Arrow** button to raise the blinds.
- Press the **Down Arrow** button to lower the blinds.
- Press the **Stop/Pause** button to halt the blinds at any desired position.



Image 4.1: Remote control and smart home options for operating the blinds.

4.2 Smart Home Integration (Optional)

To enable voice control via smart devices (e.g., Google Assistant, Alexa) or app control via your phone, an optional hub is required. Once connected, you can integrate your blinds into your smart home ecosystem for scheduled operations and voice commands.

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Video 4.2: Demonstration of DENFOON blinds in a living space, showcasing remote and voice control.

5. CHARGING AND POWER

The motorized blinds are equipped with a rechargeable battery. The included solar panel provides continuous charging, extending battery life and reducing the need for manual charging.

5.1 Charging Options

- **Solar Panel:** Connect the complimentary solar panel to the blind's charging port and position it on the window to receive sunlight.
- **Socket Charging:** Use the provided charging cable and adapter to plug the blinds into a standard wall socket.

- **Power Bank:** The blinds can also be charged using a power bank via the charging cable.



Image 5.1: Various methods for charging your DENFOON Motorized Blinds.

6. MAINTENANCE

6.1 Cleaning

The blind fabric is designed for easy maintenance. For cleaning, use a damp cloth to spot clean any soiled areas. Avoid harsh chemicals or abrasive cleaners.

6.2 Wrinkle Removal

Minor wrinkles may occur during shipping. To remove them, simply unfold the blind and allow it to hang in a well-ventilated indoor area for a few days. Wrinkles typically disappear within 3 days. Alternatively, a garment steamer can be used for quick wrinkle removal.

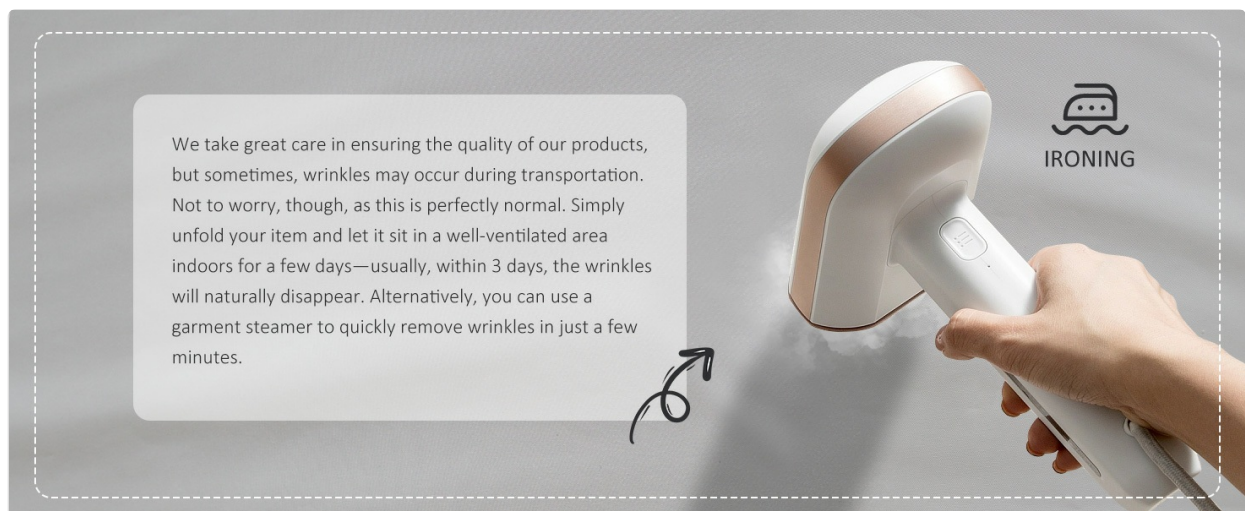


Image 6.1: Guide for wrinkle removal from the blind fabric.

7. TROUBLESHOOTING

If you encounter issues with your DENFOON Motorized Blinds, refer to the following common solutions:

- **Blinds not responding to remote:** Ensure the remote has fresh batteries and is within range. Check if the blind's battery is charged.
- **Solar panel not charging:** Verify the solar panel is correctly connected and positioned to receive direct

sunlight. Ensure the panel is clean and free of obstructions.

- **Inconsistent movement:** Check for any obstructions in the blind's path. Ensure the mounting brackets are securely installed and the blind is level.
- **Noise during operation:** A slight noise is normal for motorized blinds. If the noise is excessive or unusual, inspect the blind for any loose parts or obstructions.

For further assistance, please contact DENFOON customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	DENFOON
Model Number	M1320
Material	Polyester
Product Dimensions (Current Variant)	72"L x 29"W
Color (Current Variant)	A-white
Opacity	Blackout
Operation Mode	Automatic
Control Type	Motor, Remote (Optional Smart Control with Hub)
Special Features	Eco-Friendly, Fade Resistant, Thermal Insulation, UV Protection
Included Components	Batteries included, Solar Panel
Power Source	Rechargeable Lithium Ion Battery (Solar/Socket/Power Bank)
Product Care Instructions	Spot Clean Only
Mounting Type	Inside Mount, Outside Mount



Image 8.1: Detailed size chart indicating product width and corresponding fabric width.

9. WARRANTY AND SUPPORT

For warranty information, product support, or any inquiries, please contact DENFOON customer service through the retailer's platform or the official DENFOON website. Keep your purchase receipt and model number (M1320) handy for faster service.