

DM25TEQ/L-1.1/20

DM25TEQ/L-1.1/20 Roller Blinds Tubular Motor Kit

User Instruction Manual

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of the DM25TEQ/L-1.1/20 Roller Blinds Zebra Tubular Motor Kit. This AC 100V-240V smart motor is designed to convert existing roller shades into motorized units, suitable for 1.5-inch (38mm) shade tubes.

The kit includes the DM25TEQ roller blinds motor, a handheld controller, and 38mm tube brackets. It offers a convenient solution for automating your window treatments without the need for frequent charging, as it connects directly to the power supply.



Figure 1: Components of the DM25TEQ/L-1.1/20 Roller Blinds Tubular Motor Kit, including the motor, handheld remote, and mounting brackets.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and operation to prevent injury or damage. Keep this manual for future reference.

- Ensure the power supply is disconnected before any installation or maintenance work.
- Do not allow children to play with the motor or controller.
- Do not expose the motor to water or extreme temperatures.
- Only use the motor with shade tubes of the specified diameter (1.5 inches / 38mm).
- If any unusual noise or smell occurs, immediately disconnect power and contact support.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x DM25TEQ Roller Blinds Tubular Motor
- 1 x Handheld Controller
- 1 set x 38mm Tube Brackets

4. SETUP AND INSTALLATION

Follow these steps to install your tubular motor and convert your roller shades to motorized operation.

4.1. Measure Your Shade Tube

Before installation, it is crucial to measure your existing roller shade tube to ensure compatibility. This motor is designed for tubes with an outer diameter (OD) of 1.5 inches (38mm).

Customer Considerations During Purchase



Figure 2: Guide for measuring the outer diameter (OD) of your shade tube and examples of compatible (38mm) and incompatible tube sizes.

4.2. Motor Installation Steps

Once you have confirmed your tube size, proceed with the following installation steps:

1. **Remove the Chain Drive:** Carefully remove the existing chain drive mechanism from your roller shade.
2. **Measure Shade Tube Size:** Use a steel ruler or caliper to accurately measure the inner diameter (ID) and outer diameter (OD) of your shade tube. Ensure the OD is 1.5 inches (38mm).
3. **Insert the Motor:** Insert the DM25TEQ tubular motor into the shade tube. Ensure it fits snugly and is properly aligned.
4. **Hang Shade and Program:** Re-hang the shade with the motor installed. Connect the motor to power and proceed to program the motor using the handheld controller.

Convert Roller Shades to Motorized

Easy to install once you figure it out
on your own of the ID and OD shade tube



1 Remove the chain drive



2 Please use a steel ruler or caliper
to measure your shade tube size



3 Insert our PLUG-IN Motor



4 Hang shade and Program Motor

Figure 3: Visual guide for converting roller shades to motorized operation, from removing the chain to inserting the motor and hanging the shade.

4.3. Power Connection

The DM25TEQ motor is a plug-in solution, designed for direct connection to an AC 110-240V power supply. No battery charging is required.



Figure 4: Illustration of the plug-in power solution for the motor, highlighting its direct AC power connection and potential for smart home integration (Smart Bridge and voice assistants not included).

5. OPERATING INSTRUCTIONS

The motor can be controlled via the included handheld controller. It also supports integration with smart home systems for voice and app control (Smart Bridge and voice assistants sold separately).

5.1. Handheld Controller Operation

The handheld controller allows you to easily operate your motorized shades and set opening and closing limits.

- **Up Button:** Raises the shade.
- **Down Button:** Lowers the shade.
- **Stop Button:** Stops the shade at its current position.
- **Setting Limits:** Refer to the specific instructions provided with your handheld controller for detailed steps on setting the upper and lower limits of the shade's travel. This typically involves pressing a combination of buttons to enter programming mode, moving the shade to the desired position, and confirming the limit.



Figure 5: Overview of multiple control methods for the motorized shades, including the handheld remote, voice control via smart assistants, and app control (requires additional smart bridge).

6. MAINTENANCE

The DM25TEQ tubular motor requires minimal maintenance. Follow these guidelines to ensure longevity:

- **Cleaning:** Wipe the motor and controller with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cable for any signs of damage. Ensure the mounting brackets are secure.
- **Avoid Obstructions:** Ensure the shade path is clear of any obstructions that could impede the motor's movement.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Motor does not respond to controller.	No power; Controller battery low; Controller not paired.	Check power connection; Replace controller battery; Repair controller with motor (refer to controller manual).
Shade stops unexpectedly.	Obstruction; Overheating.	Remove any obstructions; Allow motor to cool down if it has been running continuously.
Shade does not reach desired limits.	Limits not set correctly.	Re-program the upper and lower limits using the handheld controller.
Motor makes unusual noise.	Improper installation; Internal issue.	Ensure motor is securely installed and tube is aligned; If noise persists, contact customer support.

8. SPECIFICATIONS

Detailed specifications for the DM25TEQ/L-1.1/20 Tubular Motor:

Feature	Specification
Model	DM25TEQ/L-1.1/20
Voltage	AC100-240V 50/60Hz
Torque	1.1Nm
Current	0.19A
Speed	28rpm
Protection Rating (IP)	IP20
Motor Tube Diameter	1.5 inches / 38mm
Product Dimensions	18.9"L x 1.97"W
Material	Metal
Operation Mode	Automatic
Control Type	Handheld Controller

Motor Specification & Details

Model	DM25TEQ/L-1.1/20
Voltage	AC100-240V 50/60Hz
Torque	1.1Nm
Current	0.19A
Speed	28rpm
Protection rating(IP)	IP20
Motor tube diameter	Φ1 1/2"/25mm

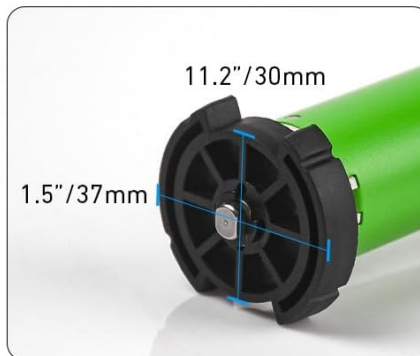
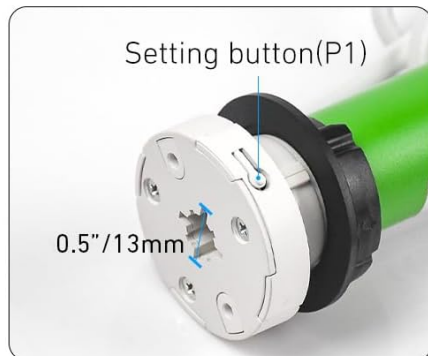
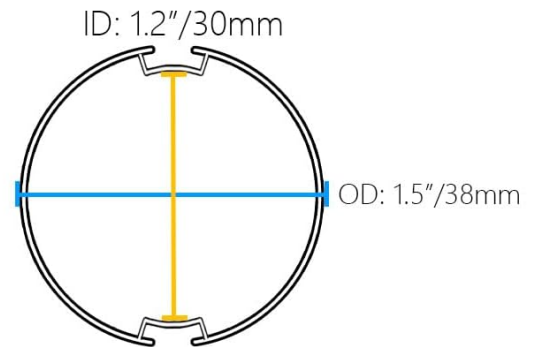
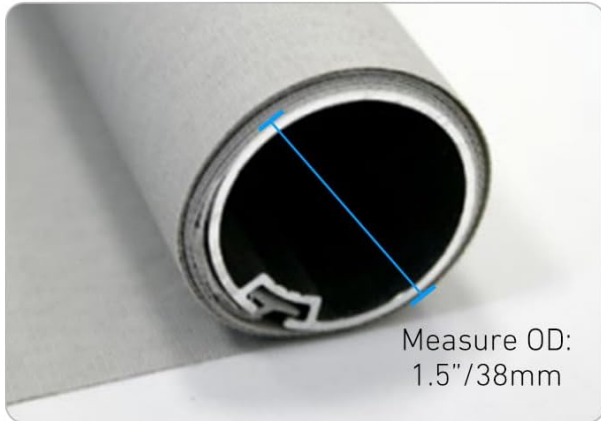


Figure 6: Detailed motor specifications and dimensional drawings for the DM25TEQ/L-1.1/20 motor.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. This product is manufactured by VeroModa.

For technical support or further assistance, please contact the seller or manufacturer directly. When contacting support, please have your product model number (DM25TEQ/L-1.1/20) and purchase details ready.

