

Spiral Cage Finial

Qmotion[®]

advanced shading systems

MOTORIZED DRAPERY ROD INSTALLATION INSTRUCTIONS 1.5" AND 2.0" DRAPERY RODS

Tools Required

Measuring Tape	Power Drill with:
Pencil with eraser	3/32" Drill Bit
Calculator	5/16" Drill Bit
Level	#2 Phillips Drive Bit
2 Ladders	5/64" Allen Wrench
Paper Clip (Similar Object)	Stud Finder (Optional)

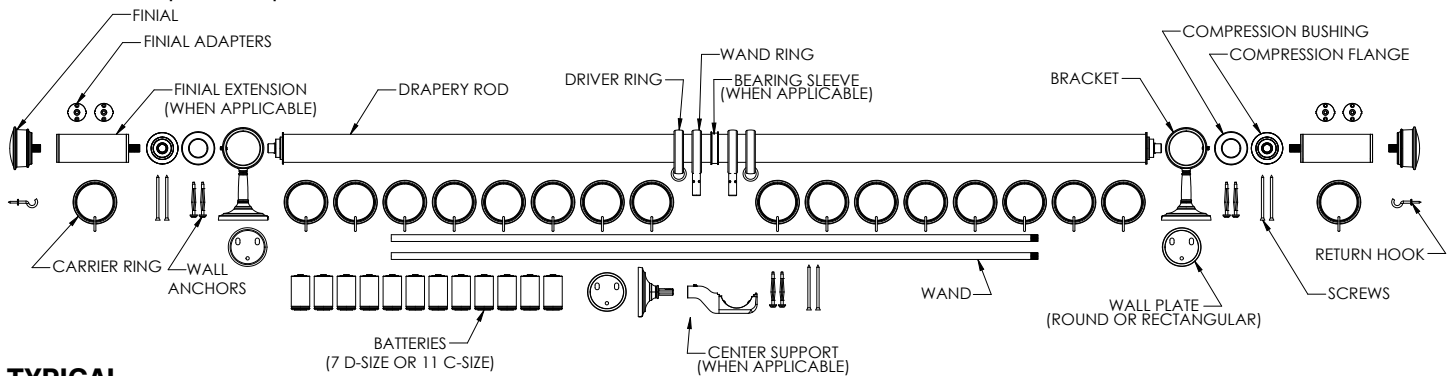
IMPORTANT

DO NOT REMOVE foam packaging from Drapery Rod until installation STEP 22a.

Read and understand all instructions before installing. Always wear personal protection equipment including safety glasses and gloves. Use a ladder per its manufacturer's instructions. Work safely!

PARTS

Ensure that all parts are present.



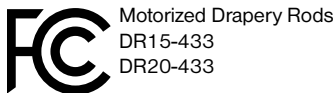
TYPICAL

Part	Quantity
Drapery Rod	1
Touch Wand Ring	2
Driver Ring	2
Carrier Rings	(Varies with Rod Length)
Bracket	2
Wall Plate	2
Wand	2
Compression Bushing	2
Compression Flange	2
Finial	2
Batteries	(Varies with Rod Diameter)

Part	Quantity
Return Hook	2
Screws	4
Wall Anchors	4
Installation Template	1

OPTIONAL (When Applicable)

Center Support	1
Center Wall Plate	1
Center Screws	2
Center Wall Anchors	2
Finial Extension	2
Finial Adapter	2



Motorized Drapery Rods
DR15-433
DR20-433

FCC Regulatory Statements:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions.

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Class B Equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

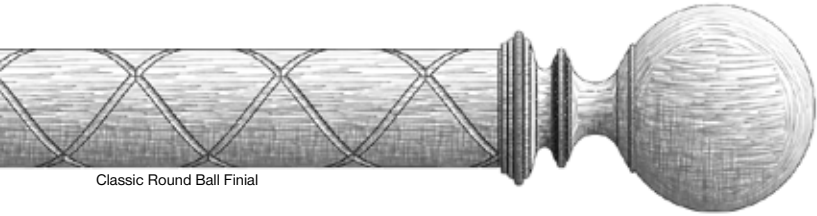
Warning: Changes or modifications to this device not expressly approved by QMotion Advanced Shading Systems could void the user's authority to operate the equipment.

Industry Canada Regulatory Statements:

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement Canadien sur le matériel brouilleur.



Classic Round Ball Finial

Before calculating anything, measure the numbered dimensions shown on the diagram.

Fill in the appropriate blanks on the diagram as you go and use it as a reference.

A. Tube Diameter Allowance

Rod Diameter	Allowance
<input type="checkbox"/> 1.5in.	1.5in.
<input type="checkbox"/> 2.0in.	1.75in.

B. Bracket Height

$$\frac{\text{Drapery Height (2)}}{\text{Tube Diameter Allowance}} + \text{Floor Clearance} = \text{Bracket Height}$$

C. Window Center

$$\frac{\text{Frame-to-Frame Width (1)}}{2} = \text{Window Center}$$

D. Bracket-to-Center Spacing

$$\left(\frac{\text{Tube Width (3)}}{2} \right) + \frac{5}{8}\text{in. (.625")} = \text{Bracket-to-Center Spacing}$$

E. Carrier Rings

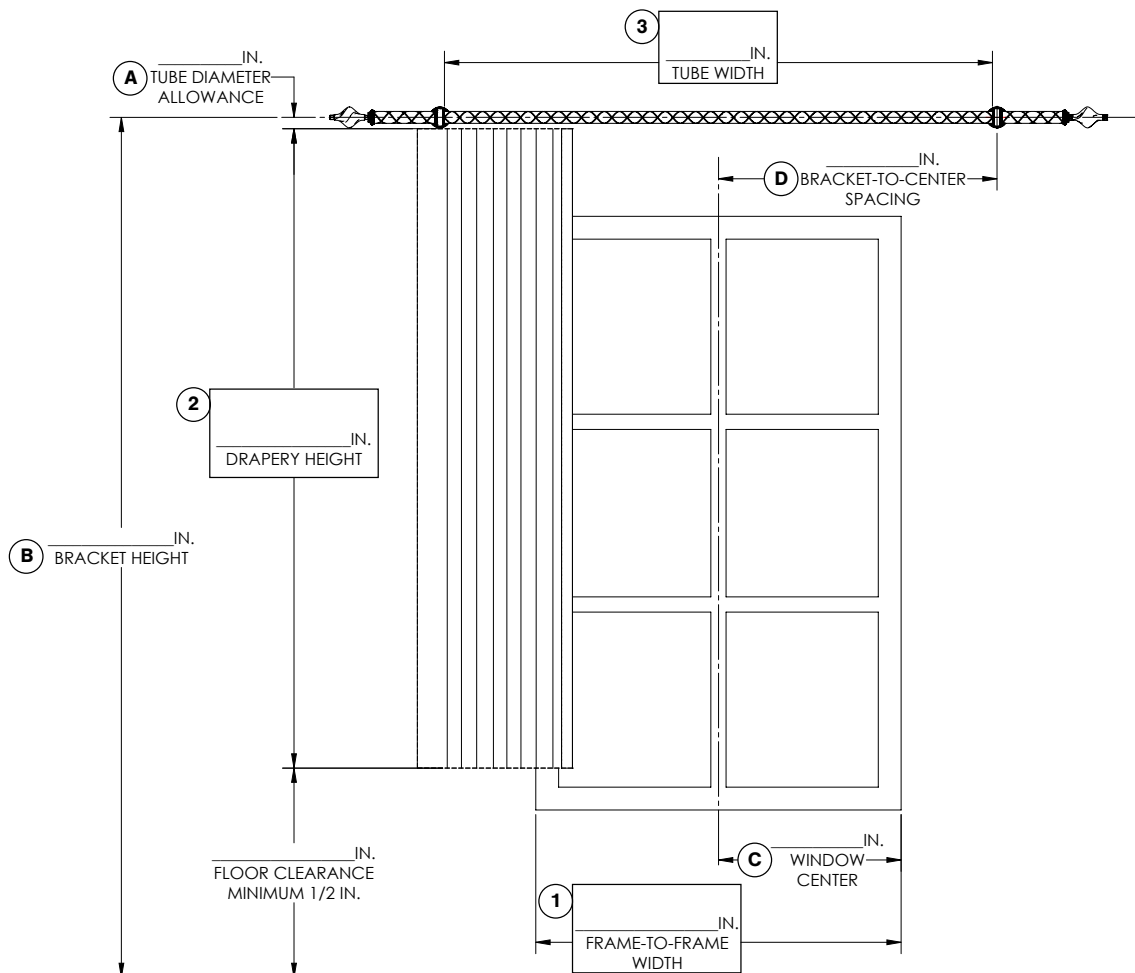
Count the number of pins on this Rod's Drapery Panel(s) and use this count for the Total Pins below.

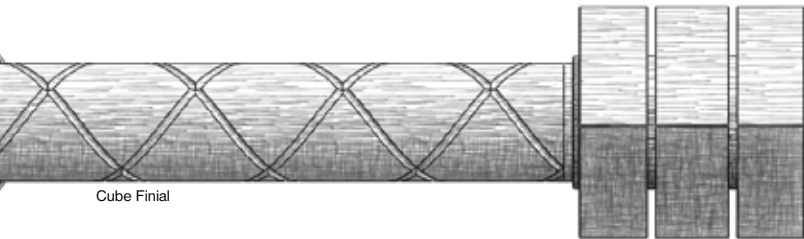
Feature	Deduction	
	Center Draw	Side Draw
Return	2	1
Drive/Tap Rings	6	3

$$\text{Total Pins} - \text{Return Deduction} - \text{Drive/Tap Ring Deduction} = \text{Total Rings}$$

F. Rings per Side (Center Draw Only)

$$\frac{\text{Total Rings}}{2} = \text{Rings per Side}$$





Cube Finial

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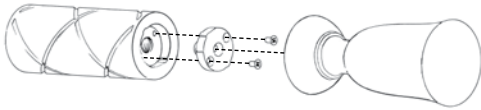
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WALL PLATES, BRACKETS, FINIALS SHEET 2

IMPORTANT

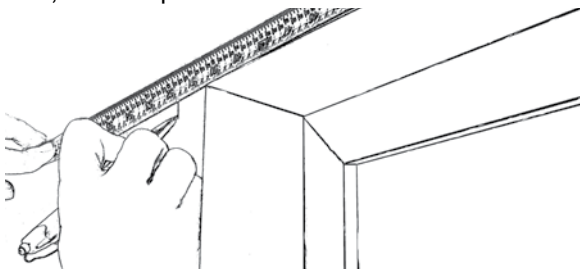
Drywall cannot support some large and heavy draperies, even if using drywall anchors. In this situation, brackets must be mounted to adequate wall structure. **Failure to do so could lead to damage or injury!**

STEP 0 If installing a custom Finial (not from Qmotion), assemble the Finial Extension as shown. Select the Finial Adapter that best fits the Finial's fastener.

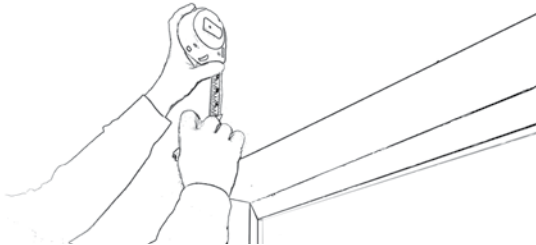


STEP 1 Using figures found on MEASUREMENTS SHEET 1, measure and mark Window Center (SHEET 1, B) above window with pencil.

STEP 2 Measure outward from Window Center marking to Bracket-to-Center (SHEET 1, C) and mark on window's left and right sides. **If using the provided template**, follow the instructions on the template to find bracket locations, then skip to STEP 5.



STEP 3a At each Bracket-to-Center marking, measure from floor to Bracket Height (SHEET 1, B) and mark on window's left and right sides.



STEP 3b If installing a Center Support, measure at Window Center from floor to Bracket Height MINUS 1/2 inch and mark.

STEP 4 At each cross marking, center Wall Plate and mark holes.



STEP 5 Drill a 3/32" hole for marked slotted hole in each Wall Plate.

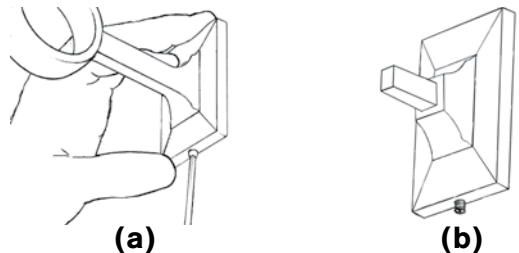
STEP 6 Secure Wall Plates to wall using supplied hardware and a Power Drill. **Warning:** Use wall anchors if no structure is present behind drywall. Use no fewer than two [2] fasteners per Wall Plate.

STEP 7a Locate Drapery Rod's BATTERY ORIENTATION on order form. If BATTERY ORIENTATION is "Left", install Bracket on left Wall Plate. If "Right", install Bracket on right Wall Plate.

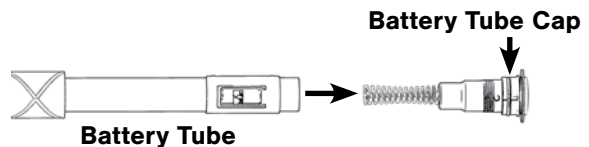
STEP 7b If installing a Center Support, mount the Center Support Base to the center Wall Plate by placing it over the Wall Plate and tightening the bottom set screw using a 5/64" allen wrench.

IMPORTANT

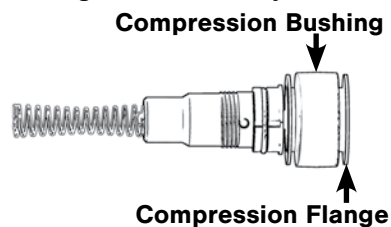
NEVER install any bracket with the set screw on top. ALWAYS install brackets with the set screw on the bottom.

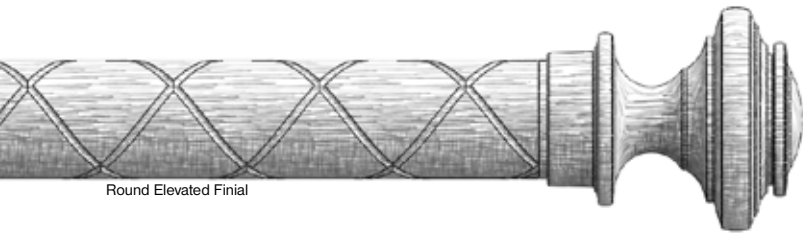


STEP 8 On the Drapery Rod's BATTERY END, pull out the Battery Tube and remove the Battery Tube Cap by rotating cap counter-clockwise while holding Battery Tube.



STEP 9 Place a Compression Bushing and Compression Flange on the Battery Tube Cap.





Round Elevated Finial

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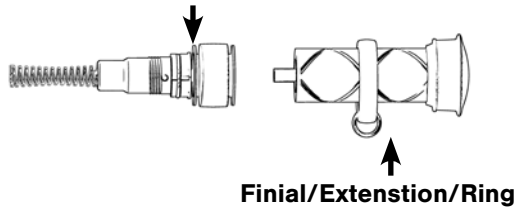
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MOUNTING, BATTERIES

SHEET 3

STEP 10 Place a carrier ring on a Finial or Finial Extension, then screw the Finial/Extension into Battery Tube Cap by holding the flange stationary while rotating the Finial Clockwise. Do not compress the Compression Bushing, yet.

Bat. Tube Cap/Bushing/Flange

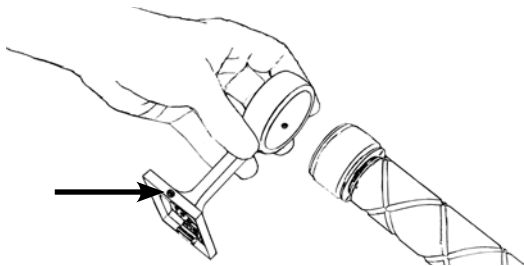


Finial/Extension/Ring

STEP 11 Install the appropriate number of Carrier Rings (SHEET 1, E,F) on the Rod.

STEP 12 Install a Compression Bushing and Compression Flange on the Drapery Rod's other end.

STEP 13 Install a Bracket on Compression Bushing such that you can see the Mounting Set Screw (on Bracket's base) and Bracket's base is pointed toward you.

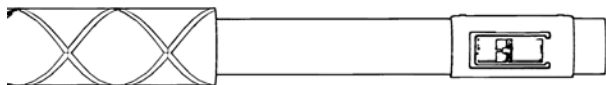


STEP 14 Place a carrier ring on the remaining Finial or Finial Extension.

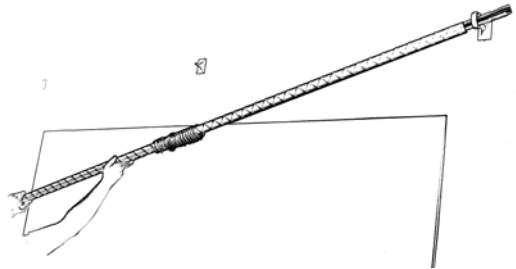
STEP 15 Screw the Finial/Extension into Compression Flange as done in STEP 10. Do not over-tighten.

STEP 16 Set a ladder underneath the remaining Wall Plate. You will need to use it in STEP 19.

STEP 17 Pull the battery tube no more than 8 inches out of the Drapery Rod.



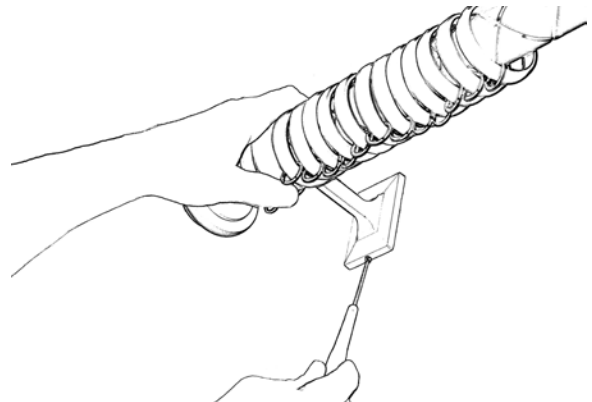
STEP 18 Insert the battery tube through the previously mounted Bracket (STEP 7a). Have a helper aid you.



STEP 19 Use the ladder and install the Tube-Mounted Bracket (STEP 14) onto the Wall Plate. Tighten the Set Screw using a 5/64" allen wrench.

IMPORTANT

Hold Drapery Rod securely until set screw is tightened. NEVER install any bracket with the set screw on top.

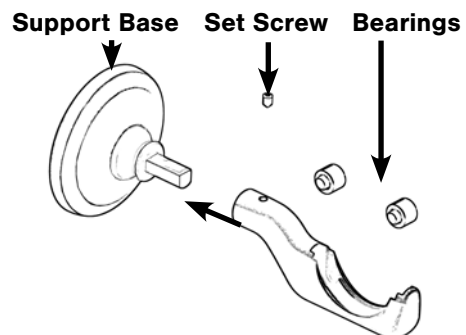


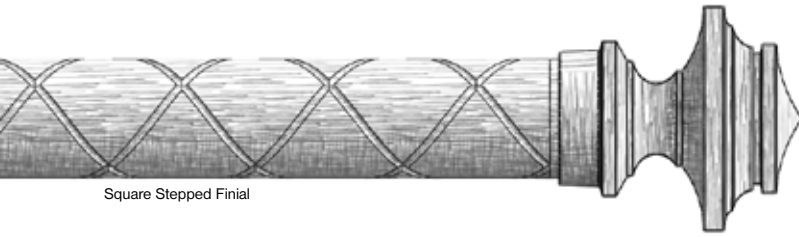
STEP 20a Remove foam from the Drapery Rod's center to reveal the Driver Rings and Touch Wand Rings.

IMPORTANT

Do not rotate Driver Rings after removing foam.

STEP 20b If installing a Center Support, install it now on the Center Support Base (STEP 3b). Remove tape on bearings inside Center Support. Secure by tightening set screw with 5/64" allen wrench.





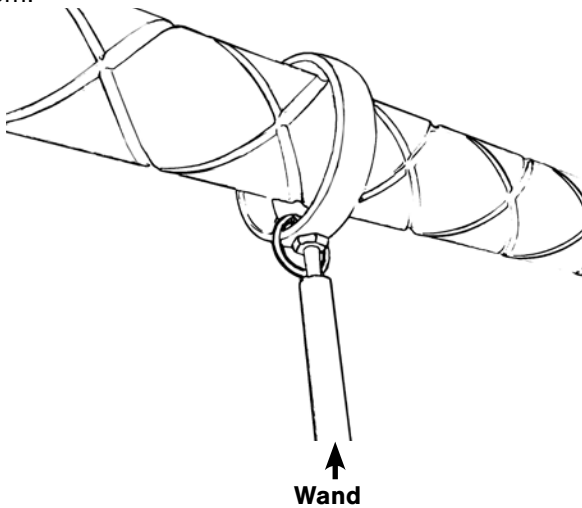
Square Stepped Finial

STEP 20c Align Bearing Sleeve with Center Support and Bearings as needed.

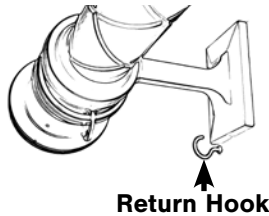
IMPORTANT

Drapery Rod will not make contact with Center Support until weight has been applied.

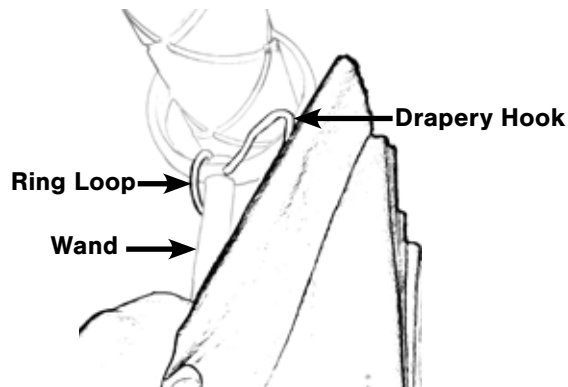
STEP 21 Install Wand(s) onto the Wand Rings by screwing the Wand into the nut on the Wand Rings' bottom.



STEP 22 Install Return Hook(s) (if applicable) within an inch of each Bracket's outer-most edge, near the bottom.



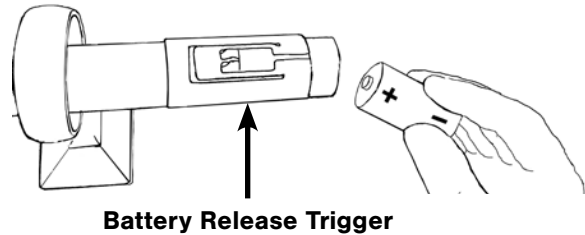
STEP 23 Install the Drapery. Start at the Wand Ring(s) and work outward toward Bracket(s). At the Wand Ring, ensure that the Drapery Pin is installed such that the Drapery will cover the Wand(s).



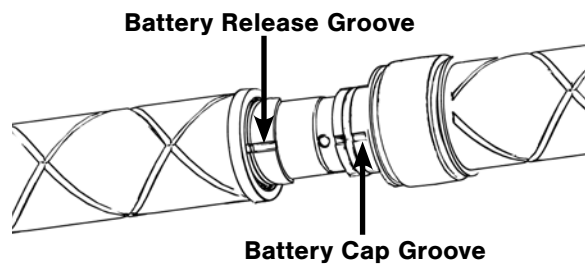
STEP 24 Remove plastic shipping slug from inside battery tube. Install batteries in the Battery Tube. Position the batteries according to the labels on the unit. The plastic Battery Release Trigger will "click" closed when each battery is secure inside the tube.

IMPORTANT

DO NOT REMOVE the plastic Battery Release Trigger. Batteries are spring-loaded. Failure to properly secure batteries may result in injury or damage.

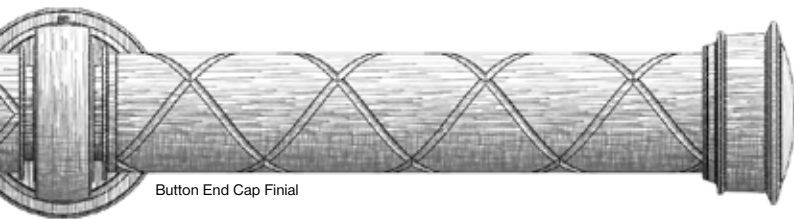


STEP 25 Install the Finial/Battery Tube Cap assembly (STEP 9) on the Battery Tube by holding the battery tube with one hand and rotating the Battery Tube Cap (NOT the Finial/Extension) to screw it into the tube at least three full turns. When tightening, align one of the Battery Cap's square grooves with the Battery Release Trigger's square groove. Use the label markings to help align them.



STEP 26 Slide battery tube into the Drapery Rod until Battery Cap is fully seated in Drapery Tube. Compression Bushing should be approximately centered in the Bracket. Tighten the Finial/Extension to secure the Compression Bushing in the Bracket. Do not over tighten.

STEP 27 Proceed to FIRST TIME SETUP SHEET 5 (Page 6). The Drapery Rod is in learn mode for five (5) minutes after the Battery Tube Cap has been installed. If the timer runs out, simply remove the Battery Tube Cap, wait 15 seconds, and then re-install it to restart the timer.



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FIRST TIME SETUP

SHEET 5

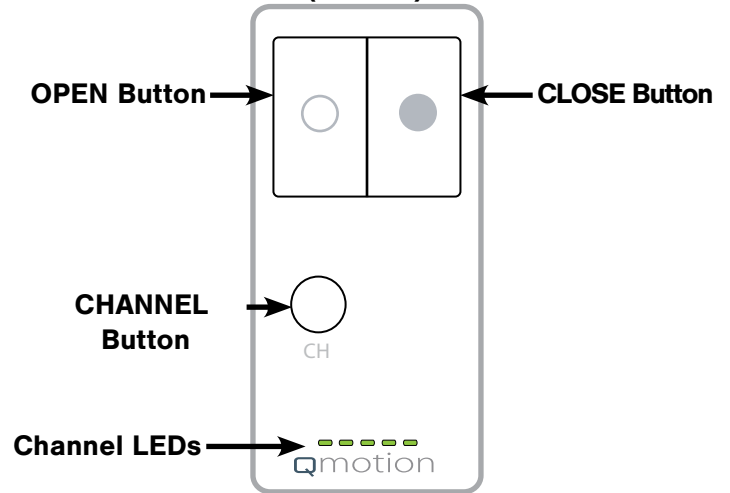
IMPORTANT

This process must be started within 5 minutes of installing battery cap. If not started within 5 minutes, perform power cycle (see page 4 of Remote Control Programming Instructions).

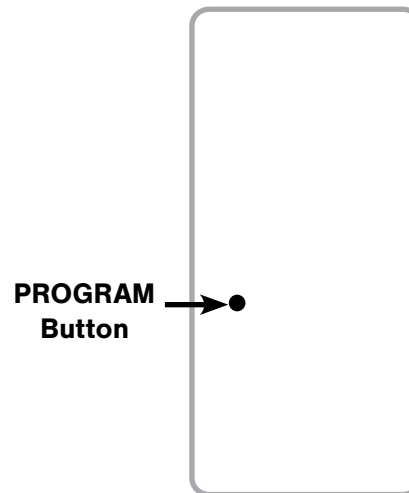
You will need a paper clip or similar device for this process.

- STEP 1** Pull out the remote's battery tab.
- STEP 2** With the desired remote control in hand, select the desired channel using the CHANNEL Button.
- STEP 3** Use a paperclip (or similar) to press the PROGRAM Button. The LEDs will scroll.
- STEP 4** Press the OPEN Button to pair this remote to the Drapery Rod. The Driver Rings will jog outward, then back inward to indicate the remote has been paired.
- STEP 5** Press the CLOSE Button again to move to the Factory Default Closed position.
- STEP 6** Press and Hold the CLOSE Button for about five (5) seconds or until the Drapery Rod begins to move.
- STEP 7** Use the Touch Wand to tap up on the Drapery Rod. The Drapery Rod will move again.
- STEP 8** Use the OPEN Button and CLOSE Button to move the Drapery to the desired Closed position. You can press and hold for continuous movement or single press to move in one inch increments.
- STEP 9** Press the PROGRAM Button once (LEDs will scroll), then the CHANNEL Button. The Drapery will jog to indicate that the position has been learned.
- STEP 10** Press the OPEN Button to move to the Factory Default Open position.
- STEP 11** Press and Hold the OPEN Button for about five (5) seconds or until the Drapery Rod begins to move.
- STEP 12** Use the Touch Wand to tap up on the Drapery Rod. The Drapery Rod will move again.
- STEP 13** Use the OPEN Button and CLOSE Button to move the Drapery to the desired Open position. You can press and hold for continuous movement or single press to move in one inch increments.
- STEP 14** Press the PROGRAM Button once (LEDs will scroll), then the CHANNEL Button. The Drapery will jog to indicate that the position has been learned.

REMOTE CONTROL LAYOUT (FRONT)



(BACK)



If you experience any problems or have questions please contact QMotion Customer Support:

Customer Service Number: 877-849-6070
Fax: 850-208-3409

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